



**Rajasthan  
Tenders**

## eProcurement System Government of Rajasthan

### Published Corrigendum Details

Date : 03-Oct-2026 06:06 PM

Print

|                             |                                                               |
|-----------------------------|---------------------------------------------------------------|
| <b>Organisation Chain :</b> | RAJ. METRO RAIL CORP.- ADB Funded Projects  MANAGING DIRECTOR |
| <b>Tender ID :</b>          | 2026_RMADB_571803_1                                           |
| <b>Tender Ref No :</b>      | ICB 2C 04                                                     |
| <b>Tender Title :</b>       | ICB 2C-04                                                     |
| <b>Corrigendum Type :</b>   | Technical Bid                                                 |

### Corrigendum Document Details

| Corr.No. | Corrigendum Title                                     | Corrigendum Description                               | Published Date       | Document Name                                 | Doc Size(in KB) |
|----------|-------------------------------------------------------|-------------------------------------------------------|----------------------|-----------------------------------------------|-----------------|
| 1        | Add6 2C04 TCS NHAI Scope of Work GAD GTI Report 25 BH | Add6 2C04 TCS NHAI Scope of Work GAD GTI Report 25 BH | 03-Oct-2026 06:03 PM | 2C04Addendum6Eproc.pdf                        | 12593.98        |
| 2        | Addendum 04 Part 3                                    | Addendum 04 Part 3                                    | 07-Sep-2026 04:31 PM | 2C04Addendum4P3ReplytoPBQ.pdf                 | 7433.92         |
| 3        | Addendum 04 Part 2                                    | Addendum 04 Part 2                                    | 07-Sep-2026 04:29 PM | 2C04Addendum4P2GeotechReport.pdf              | 4248.51         |
| 4        | Addendum 04 Part 1                                    | Addendum 04 Part 1                                    | 07-Sep-2026 04:26 PM | 2C04Addendum4P1SummaryAttcahments.pdf         | 39969.69        |
| 5        | Corrigendum Addendum3 Revised Tender Drawings         | Corrigendum Addendum3 Revised Tender Drawings         | 28-Aug-2026 09:59 PM | CorrigendumAddendum3RevisedTenderDrawings.pdf | 28752.16        |
| 6        | Addendum3                                             | Addendum 3 Technical                                  | 27-Aug-2026 01:33 PM | CorrigendumAddendum3.pdf                      | 10939.92        |
| 7        | Part2 ER Section 6A Addition                          | Part2 ER Section 6A Addition                          | 07-Jul-2026 11:14 AM | Part2EmployersRequirementSection6A.pdf        | 2723.56         |

| <b>RAJASTHAN METRO RAIL CORPORATION</b>                                                                                                                                                                                                                                                                                                                |                                               |                                                   |                 |                                          |                                                                                                                                                                                           | <b>ADDENDUM -06</b>                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------|-----------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name of Work: ICB:2C-04; Design and Construction of Elevated Viaduct and 12 Elevated Stations (including Architectural finishing) viz. Collectorate, Panipech, Ambabari, Chomu Puliya, Vidhya Nagar Sec-2, Vidhya Nagar, VKI Road No 5, VKI Road No 9, VKI Road No. 14, Harmada, Harmada Ghati &amp; Todi Mod under Jaipur Metro Phase- II MRTS</b> |                                               |                                                   |                 |                                          |                                                                                                                                                                                           |                                                                                                                                         |
| <b>Addendum- 06<br/>Summary Sheet</b>                                                                                                                                                                                                                                                                                                                  |                                               |                                                   |                 |                                          |                                                                                                                                                                                           |                                                                                                                                         |
| <b>S. N.</b>                                                                                                                                                                                                                                                                                                                                           | <b>Section / Part</b>                         | <b>Document Name</b>                              | <b>Page No.</b> | <b>Clause No. / Item No.</b>             | <b>Addendum / Corrigendum</b>                                                                                                                                                             | <b>Remarks</b>                                                                                                                          |
| 1                                                                                                                                                                                                                                                                                                                                                      | PART-I, Section 2<br>Bid Data Sheet           | Bid Data Sheet                                    | Page No. 8      | ITB 11.4                                 | Bid Data Sheet Clause corresponding to ITB Clause 11.4 has been modified.                                                                                                                 | Page no. 8 of Bid Data Sheet has been revised and replaced 8R.                                                                          |
| 2                                                                                                                                                                                                                                                                                                                                                      | PART-I, Section 2<br>Bid Data Sheet           | Bid Data Sheet                                    | Page No. 10R    | ITB 17.7                                 | Bid Data Sheet Clause corresponding to ITB Clause 17.7 has been modified.                                                                                                                 | Page no. 10R of Bid Data Sheet has been revised and replaced 10RR.                                                                      |
| 3                                                                                                                                                                                                                                                                                                                                                      | PART-I, Section 2<br>Bid Data Sheet           | Bid Data Sheet                                    | Page No. 12     | ITB 18.8                                 | Bid Data Sheet Clause corresponding to ITB Clause 18.8 has been modified.                                                                                                                 | Page no. 12 of Bid Data Sheet has been revised and replaced 12R.                                                                        |
| 4                                                                                                                                                                                                                                                                                                                                                      | PART-II, Section-6<br>Employer's Requirements | Schedule B of Employer's requirements: Functional | Page 15,16 & 18 | Clause No. 7.5 and 7.7 and Clause No. 16 | Clause No. 7.5 and 7.7 of Schedule B of Employer's requirements: Functional has been modified and Clause No. 16 of Schedule B of Employer's requirements: Functional has been introduced. | Page 15, 16 & 18 of Schedule B to Employer's requirement - functional (revised) has been revised and replaced with Page 15R, 16R & 18R. |
| 5                                                                                                                                                                                                                                                                                                                                                      | PART-II, Section-6<br>Employer's Requirements | Schedule B of Employer's requirements: Functional | Page- 19 to 26  | Typical Cross Sections                   | Typical Cross-sections of integrated works at Annexure-II of Schedule B of Employer's requirements: Functional has been modified.                                                         | Page 19 to 26 of Schedule B to Employer's requirement - functional (revised) has been revised and replaced with Page 19R to 26R.        |
| 6                                                                                                                                                                                                                                                                                                                                                      | PART-II, Tender Drawings                      | Tender Drawings                                   |                 | Alignment Drawing                        | Sheet No. 23 to 29 of 31 of Drawing No. VID-JMRC-STR-TD-0701-017 have been further revised and replaced with Revision No. R6.                                                             | Sheet No. 22 to 29 of 31 of Drawing No. VID-JMRC-STR-TD-0701-017 has been revised and replaced.                                         |
| 7                                                                                                                                                                                                                                                                                                                                                      | PART-II, Section 6E                           | Geotechnical Investigation Report                 |                 |                                          | Additional Geotech Investigation Reports have been included.                                                                                                                              | Additional Geotech Investigation Reports have been included.                                                                            |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | package shall be uploaded in First Cover (“FEE/PREQUAL/TECHNICAL”) on e-tender portal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ITB 11.3 (d)</b> | The Bidder shall submit with its Price Bid the following additional documents: NIL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ITB 11.4</b>     | <p>Replace ITB 11.4 with the following:</p> <p>In addition to the requirements under ITB 11.2, Bids submitted by a Joint Venture shall include a copy of the Joint Venture Agreement entered into by all partners <del>as per Form ELI - 6 of Bidding Form (Section 4).</del></p> <p>And, where the Bidder is a Consortium or Joint Venture, the Bidder shall submit the following additional information to meet the qualification criteria for eligibility:</p> <p>(a) A Memorandum of Understanding / Consortium Agreement shall be provided duly notarized by the notary public of country of origin.</p> <p>In case of Foreign Bidder, A Memorandum of Understanding / Consortium Agreement shall be provided duly notarized by the notary public of country of origin and should be stamped by Embassy / High Commission.</p> <p>(b) nomination of one of the Members of the Consortium or Joint Venture to be in-charge (“Lead member”); and this authorization shall be covered in the Power of Attorney of Bid signed by the legally authorized signatories of all Members of Consortium or Joint Venture.</p> <p>(c) Details of the intended financial participation by each member shall be furnished with complete details of the proposed division of project execution responsibilities and relationships among the individual Members.</p> <p>(d) The Lead member shall be authorized to incur liabilities, receive payment (if provided for in MoU / Consortium Agreement) and receive instructions for and on behalf of any or all Members of the Consortium / Joint Venture.</p> <p>(e) The JV/Consortium agreement should have the provision of all members of the Consortium / Joint Venture to be jointly and severally responsible for the execution of the Contract in accordance with the terms and conditions of the Contract.</p> <p>(f) The Bid shall be signed so as to be legally binding on all the Members</p> |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ITB 17.4</b>     | <p>Replace ITB 17.4 with the following:</p> <p>The Bidder shall quote any unconditional discounts and the methodology for their application in the Letter of Price Bid, in accordance with ITB 12.1.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ITB 17.5</b>     | <p>The price quoted by the Bidder shall be Adjustable as per Sub-Clause 13.7 of the General/Particular Conditions of Contract.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ITB 17.5 (b)</b> | <p>Replace the following text of ITB 17.5(b):</p> <p>“The Bidder shall furnish the indexes and weightings for the price adjustment formulas in the Tables of Adjustment Data included in Section 4 (Bidding Forms) and the Employer may require the Bidder to justify its proposed indexes and weightings. Any bid that omits indexes and weightings shall be subject to clarification with the Bidder.”</p> <p>with the following:</p> <p>“The indices and weightings shall be taken for this purpose as provided in the Sub- Clause 13.7 of the General/Particular Conditions of Contract.”</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ITB 17.7</b>     | <p>Replace ITB 17.7 with the following:</p> <p>All duties (except Custom Duty), taxes [<del>except Goods and Services Tax (GST)</del>], royalties, cess and other levies etc. payable by the Bidder under the Contract, or for any other cause, as of 28 days prior to the deadline for submission of bids, shall be included in the rates and the total Bid Price submitted by the Bidder</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ITB 18.1</b>     | <p>The prices and unit rates in the Schedules shall be quoted by the Bidder in any freely convertible currency(ies). i.e, Indian Rupees (INR), US dollars (USD) or Euro.</p> <p>It is noted that the price bids are invited in following schedules</p> <p><b>SCHEDULE - A1</b> <a href="#">Price of Lump-Sum Portion work for Design and Construction of Elevated Viaduct from Ch. 26240 to Ch. 35841.041 and 12 8 Elevated Stations (including Architectural finishing) viz. Collectorate, Panipech, Ambabari, Chomu Puliya, Vidhya Nagar Sec-2, Vidhya Nagar, VKI Road No 5, VKI Road No 9, and Viaduct Superstructure works i.e all works above pier level in Viaduct from Ch. 35841.041 to Ch. 40433 and above pier level works in 4 stations i.e VKI Road No 14, Harmada, Harmada Ghati &amp; Todi Mod under Jaipur Metro Phase-II MRTS' (all concourse and platform level including Entry/Exit works of these 4 stations)</a></p> <p><b>SCHEDULE - A2</b> <a href="#">Price of Lump-Sum Portion work for Construction of 1st Level Six Lane Elevated Road including solid RAMP from CH: 37473.853 to CH: 40469.759, four lane underpass from CH: 35841.041 to CH: 36848.742 and Pier above Elevated Road, Underpass including Ramp upto superstructure from Ch.35841.041 to Ch. 40 433 and Pier above Elevated Road, Underpass including Ramp upto Concourse level at 4 stations i.e. VKI Road No. 14, Harmada, Harmada Ghati &amp; Todi Mod.</a></p> |

|                                            | Bidders are advised to quote their price <del>exclusive of GST</del> but inclusive of all central, state, local taxes, duties (except Custom Duty), levies, cess, <b>GST</b> and all other incidental charges required to fulfil the tender conditions along with statutory deduction viz., TDS towards Income Tax, GST, Labour cess etc. after considering Sub-Clause (A) above and GC & PC Sub-Clause 14.1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                       |                 |                       |              |           |                                            |                                                                 |                                                       |         |             |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------|-----------------------|--------------|-----------|--------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------|---------|-------------|
| ITB 19.1                                   | The bid validity period shall be 180 days.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |                 |                       |              |           |                                            |                                                                 |                                                       |         |             |
| ITB 19.2                                   | The Bid Security validity should be 60 days beyond the Bid Validity period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |                 |                       |              |           |                                            |                                                                 |                                                       |         |             |
| ITB 20.1                                   | The Bidder shall furnish a bid security in the amount of INR 1.00 CR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                       |                 |                       |              |           |                                            |                                                                 |                                                       |         |             |
| ITB 20.2                                   | <p>Bid-Securing Declaration shall not be permitted.</p> <p>The ineligibility period will not applicable.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                       |                 |                       |              |           |                                            |                                                                 |                                                       |         |             |
| ITB 20.3                                   | <p>Replace entire ITB 20.3 with the following:<br/>Bidder(s) shall submit an EMD / Bid Security of INR 1.00 Crores in the following form:</p> <p>a) The Earnest Money Deposit shall be submitted through Net Banking/RTGS/NEFT. The detail of bank account of employer is mentioned below;</p> <table><tr><th>Name of Bank</th><th>Address of Bank</th><th>Account Name &amp; Number</th><th>Account Type</th><th>IFSC Code</th></tr><tr><td>SBI Bank<br/>Branch: Malviya Nagar, Jaipur.</td><td>Calgary Eye Hospital Premises, Malviya Nagar, Jaipur, Rajasthan</td><td>RAJASTHAN METRO RAIL CORPORATION Ltd. A/C:44843399972</td><td>Current</td><td>SBIN0006912</td></tr></table> <p>‘OR’ Through an irrevocable Bank Guarantee in SFMS mode, payable at Jaipur (in the form given in Section 4 Bidding Forms) issued by a Scheduled Bank in India (meaning a bank which has been included in the Second Schedule of Reserve Bank of India Act, 1934 including Scheduled Commercial Foreign Banks with branch in India) excluding Cooperative Banks.</p> | Name of Bank                                          | Address of Bank | Account Name & Number | Account Type | IFSC Code | SBI Bank<br>Branch: Malviya Nagar, Jaipur. | Calgary Eye Hospital Premises, Malviya Nagar, Jaipur, Rajasthan | RAJASTHAN METRO RAIL CORPORATION Ltd. A/C:44843399972 | Current | SBIN0006912 |
| Name of Bank                               | Address of Bank                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Account Name & Number                                 | Account Type    | IFSC Code             |              |           |                                            |                                                                 |                                                       |         |             |
| SBI Bank<br>Branch: Malviya Nagar, Jaipur. | Calgary Eye Hospital Premises, Malviya Nagar, Jaipur, Rajasthan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | RAJASTHAN METRO RAIL CORPORATION Ltd. A/C:44843399972 | Current         | SBIN0006912           |              |           |                                            |                                                                 |                                                       |         |             |

**7.3.2. Additional New Bridges:** New bridges at the following locations on the Project Highway shall be constructed. GADs for the new bridges are attached in the drawings folder. (Clause No. 7.3 ii IRC: SP: 84-2019)

| S. No. | Existing Ch. | Design Ch. | Span Arrangement (m) | Type of Crossing | Total Proposed Width |    | TCS of manual | Skew angle | Remarks |
|--------|--------------|------------|----------------------|------------------|----------------------|----|---------------|------------|---------|
|        |              |            |                      |                  | MCW                  | SR |               |            |         |
| Nil    |              |            |                      |                  |                      |    |               |            |         |

**7.3.3.** The railings of existing bridges shall be replaced by crash barriers at the following locations: in accordance with (Clause No. 7.17 iv IRC: SP:84-2019).

| S. No. | Design Ch. |    | Length (km) | Remarks |
|--------|------------|----|-------------|---------|
|        | From       | To |             |         |
| Nil    |            |    |             |         |

**7.3.4.** The existing bridges/ RoB/ Grade Separators/ RUB retained on the project highway shall be upgraded and rehabilitation measures/proposals shall be specified as follows: (Clause No. 7.3 iv(b) IRC: SP:84-2019)

| S. No. | Existing Ch. (km) | Design Ch. | Span Arrangement (m) | Details of Rehabilitation |
|--------|-------------------|------------|----------------------|---------------------------|
| Nil    |                   |            |                      |                           |

#### 7.3.5. Structures in marine environment: - Nil

**7.4. Railroad Bridges (ROB/RUB)** (Clause No. 7.18 IRC: SP:84-2019)

**7.4.1.** Design, construction and detailing of ROB/RUB shall be as specified in Section 7 of the manual.

Nil

**7.4.2.** Road over bridges (road over rail) shall be provided at the following locations, as per GAD drawing attached:

Nil

**7.4.3.** Road under bridges (road under railway line) shall be provided at the following level crossings, as per GAD drawings attached:

Nil

#### 7.5 Grade Separated Structures (Clause No. 7.19 IRC: SP:84-2019)

The grade separated structures shall be provided at the locations and of the type and length ~~specified in paragraphs 2.9, 2.10 and 3 of Annexure-I of Schedule-B.~~ as per GAD and TCS Schedule.

| S. No. | Design Ch. | LHS Roadway Width (m) | RHS Roadway Width (m) | Type of Superstructure | Span Arrangement (m) | Minimum Vertical Clearance (m) | Skew angle (degrees) | Remarks |
|--------|------------|-----------------------|-----------------------|------------------------|----------------------|--------------------------------|----------------------|---------|
|        |            |                       |                       |                        |                      |                                |                      |         |

| S. No. | Design Ch. | LHS Roadway Width (m) | RHS Roadway Width (m) | Type of Superstructure | Span Arrangement (m) | Minimum Vertical Clearance (m) | Skew angle (degrees) | Remarks              |
|--------|------------|-----------------------|-----------------------|------------------------|----------------------|--------------------------------|----------------------|----------------------|
| 1      | 36477.115  | 1x8.575               | 1x8.575               | Box                    | 2x8.575              | 5.5                            | 6.81°                | Overpass Length 100m |
| 2      | 38047.579  | 1x12.5                | 1x12.5                | PSC                    | 10x30                | 5.5                            | 0                    | Flyover              |
| 3      | 39954.626  | 1x12.5                | 1x12.5                | PSC                    | 3x30                 | 5.5                            | 0                    | Flyover              |

#### 7.6 FOB/Skywalks (Clause No. 10 IRC: 103 and Clause No. 9.8.5 IRC: SP:84-2019)

Nil

#### 7.7 A summary of Culverts, Bridges and Structures shall be presented as follows: [As per GAD and ER](#)

| S. No. | Name of Structures | Total Number's | Remarks |
|--------|--------------------|----------------|---------|
| 1      | Minor Bridges      | 01             | -       |
| 2      | LVUP               | Nil            | -       |
| 3      | Box Culverts       | 04             | -       |
| 4      | Pipe Culverts      | Nil            | -       |
| 5      | Overpass           | 01             | -       |
| 6      | Flyover            | 02             | -       |

### 8. Traffic Control Devices and Road Safety Works

#### 8.1. Traffic control devices and road safety works:

Traffic control devices and road safety works shall be provided in accordance with Section 9 of the IRC: SP: 84. & Appendix-B of MoRT&H guidelines issued vide letter No. RT-25035/07/2023-RS (Part) (221534) dated 20.07.2023.

#### 8.2. Traffic Signs:

Traffic signs shall be provided as per IRC 67 & Appendix-B of MoRT&H guidelines issued vide letter No. RT-25035/07/2023-RS (Part) (221534) dated 20.07.2023, as mentioned in Schedule-C.

#### 8.3. Pavement Marking

Pavement markings shall be completed as per IRC 35 & Appendix-B of MoRT&H guidelines issued vide letter No. RT-25035/07/2023-RS (Part) (221534) dated 20.07.2023, as mentioned in Schedule-C.

#### 8.4. Safety Barrier:

The safety barriers shall be provided in accordance with Section-9 of the Clause 9.7 of **IRC: SP:84-2019**

The Safety Barrier length proposed are excluding the safety barrier already proposed on Culverts, Grade Separated Structures, Interchange, Bridges, RoB and RUB as applicable cross sections respectively.

management plan for widening/ reconstruction of carriageway. It should be duly verified by authority engineer before proceeding for the construction activity.

#### 15. Special Notes:

- As the flyover structures are integrated with Metro piers, the Contractor shall coordinate all activities with NHAI, JMRC, and any other agency as may be required for the satisfactory execution of the Works.
- The Contractor shall adopt the Outline Design Specifications as the governing design criteria. The Contractor shall prepare and finalize the Design Basis Report (DBR) based on these specifications and shall obtain approval from the Engineer prior to commencement of detailed design.
- All pier locations, span arrangements, and special/obligatory spans shown in the alignment GAD drawings are tentative. The Contractor may propose optimization or modification of configurations; however, any modification shall require prior approval from Engineer. Any such changes necessitated due to site conditions or directions of authorities shall be executed at no additional cost to the Employer.
- The Employer/Engineer will provide the horizontal and vertical alignment and initial pier locations. However, the Contractor shall be responsible for designing the span configuration only, subject to obligatory requirements, and shall obtain confirmation from the concerned Authority. The Contractor shall conduct utility identification at all foundation locations prior to piling/excavation and shall manage any modifications required due to utilities or local authority obligations at no additional cost.
- During the construction of the Overpass, the Contractor shall implement all required technical measures and safety precautions, including necessary traffic diversions, to safeguard Existing flyover foundation structures in the vicinity and the diversion arrangements near the Overpass.

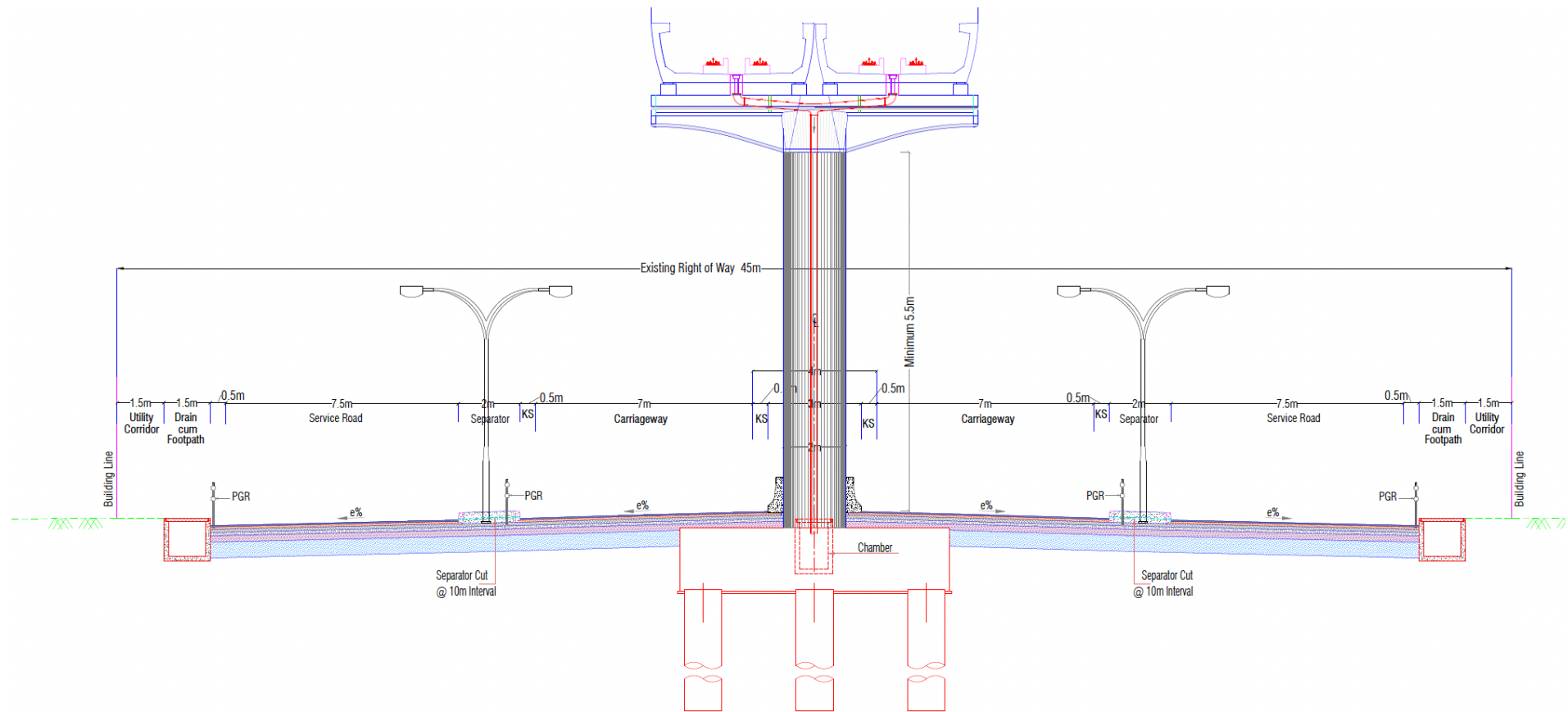
The Contractor shall carry out all construction activities in coordination with officials of NHAI.

#### 16. Tentative TCS Schedule as per GAD is as below

| <u>Sr. No</u> | <u>Chainage (m)</u>   |                     |                             | <u>Proposed Cross section</u> |
|---------------|-----------------------|---------------------|-----------------------------|-------------------------------|
|               | <u>Start Chainage</u> | <u>End Chainage</u> | <u>Tentative Length (m)</u> |                               |
| <u>1</u>      | <u>35,841</u>         | <u>35,950</u>       | <u>109</u>                  | <u>TCS-1</u>                  |
| <u>2</u>      | <u>35,950</u>         | <u>36,460</u>       | <u>510</u>                  | <u>TCS-2</u>                  |
| <u>3</u>      | <u>36,460</u>         | <u>36,560</u>       | <u>100</u>                  | <u>TCS-2A</u>                 |
| <u>4</u>      | <u>36,560</u>         | <u>36,849</u>       | <u>289</u>                  | <u>TCS-2</u>                  |
| <u>5</u>      | <u>36,849</u>         | <u>37,474</u>       | <u>625</u>                  | <u>TCS-3</u>                  |
| <u>6</u>      | <u>37,474</u>         | <u>37,860</u>       | <u>386</u>                  | <u>TCS-4</u>                  |
| <u>7</u>      | <u>37,860</u>         | <u>39,245</u>       | <u>1,385</u>                | <u>TCS-4A</u>                 |
| <u>8</u>      | <u>39,245</u>         | <u>40,040</u>       | <u>795</u>                  | <u>TCS-5A</u>                 |
| <u>9</u>      | <u>40,040</u>         | <u>40,470</u>       | <u>430</u>                  | <u>TCS-5</u>                  |

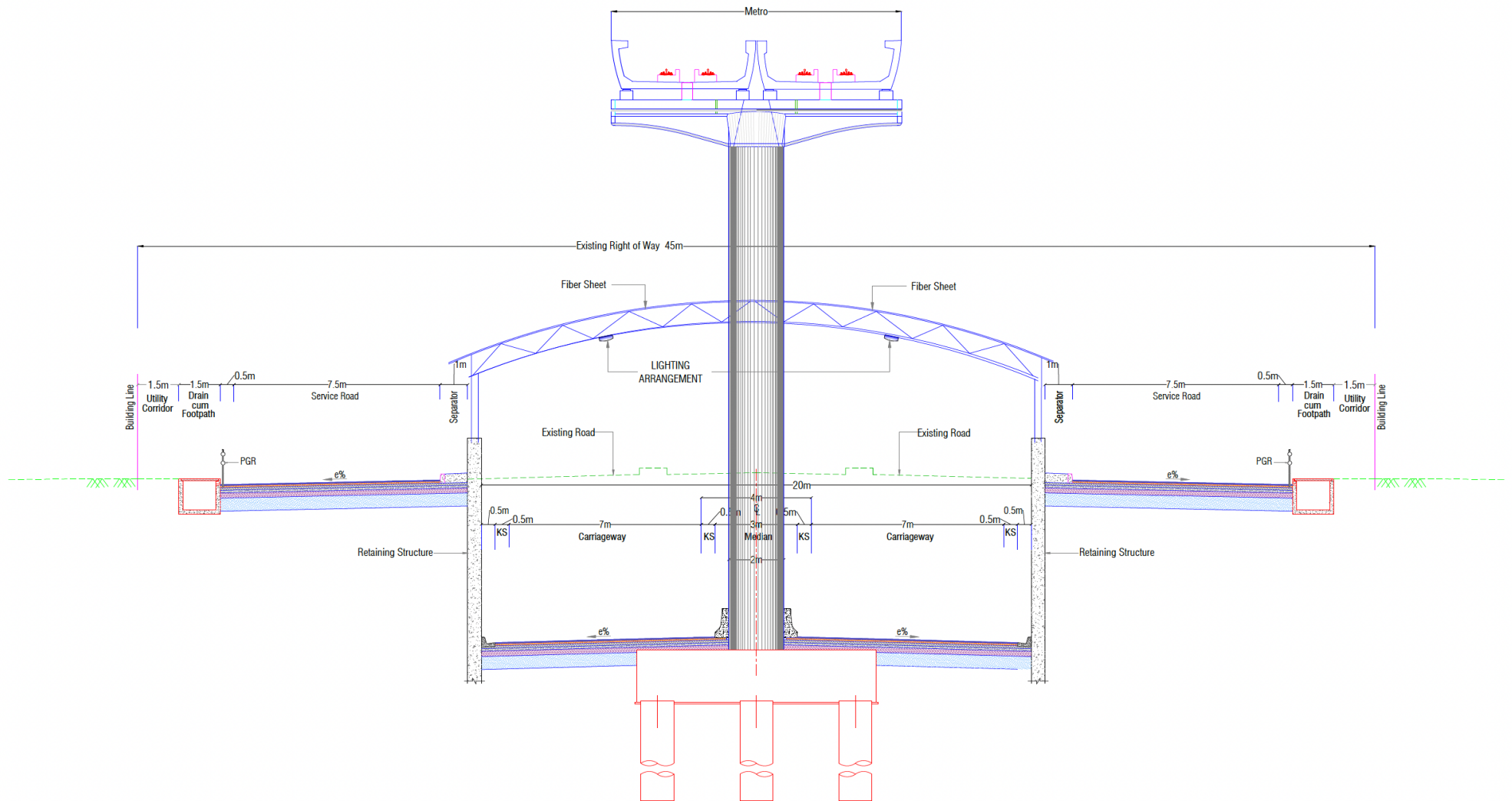
The Chainages are tentative and are subjected to minor modification based on site requirements. Such modifications are included in lump sum cost quoted by the bidder.

**Annexure- II (Schedule - B) Typical Cross Sections TCS are shown in the figures below.**



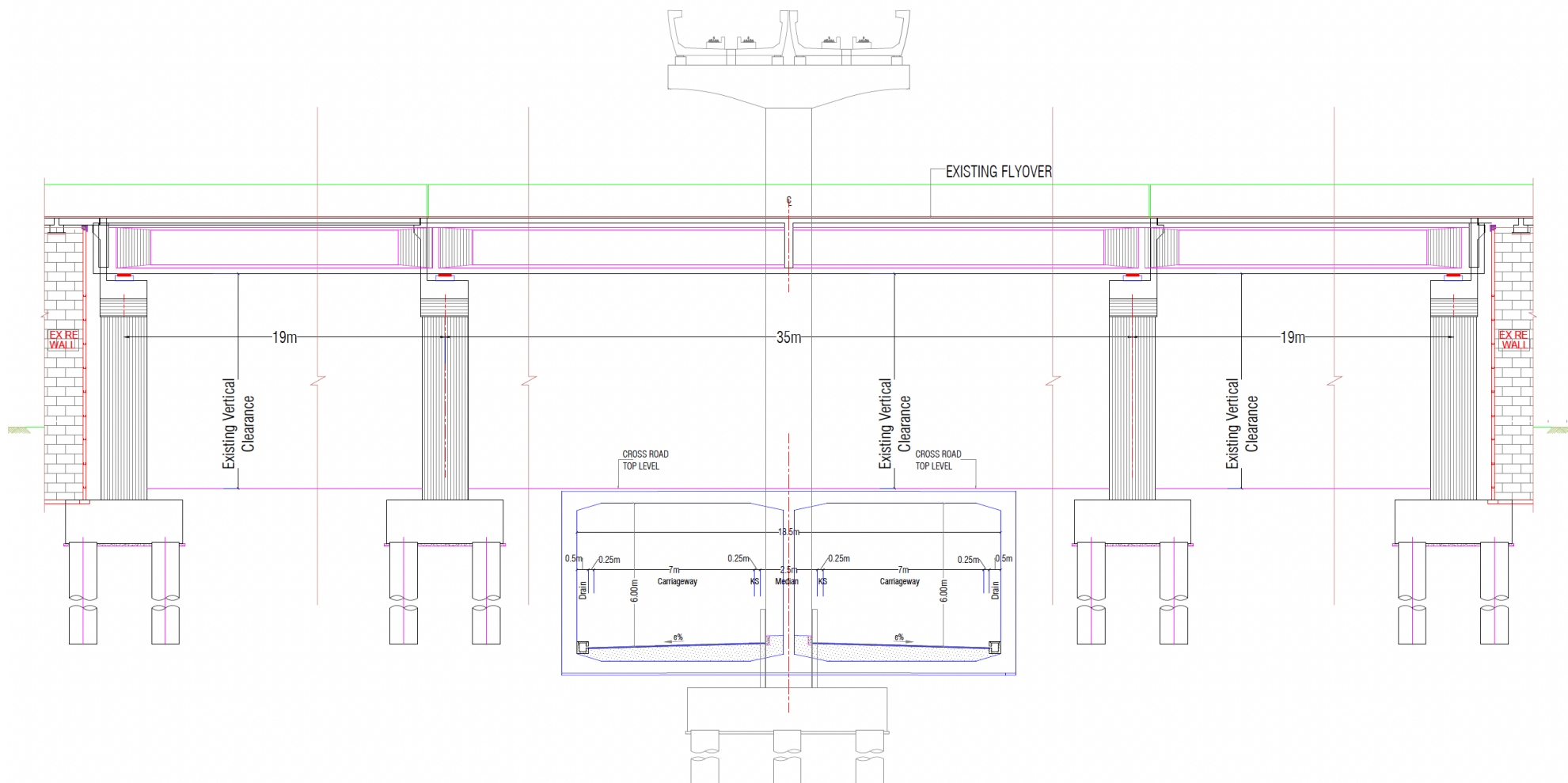
**TYPICAL CROSS SECTION FOR FOUR LANE WITHOUT PAVED SHOULDER**

**TCS - 1**



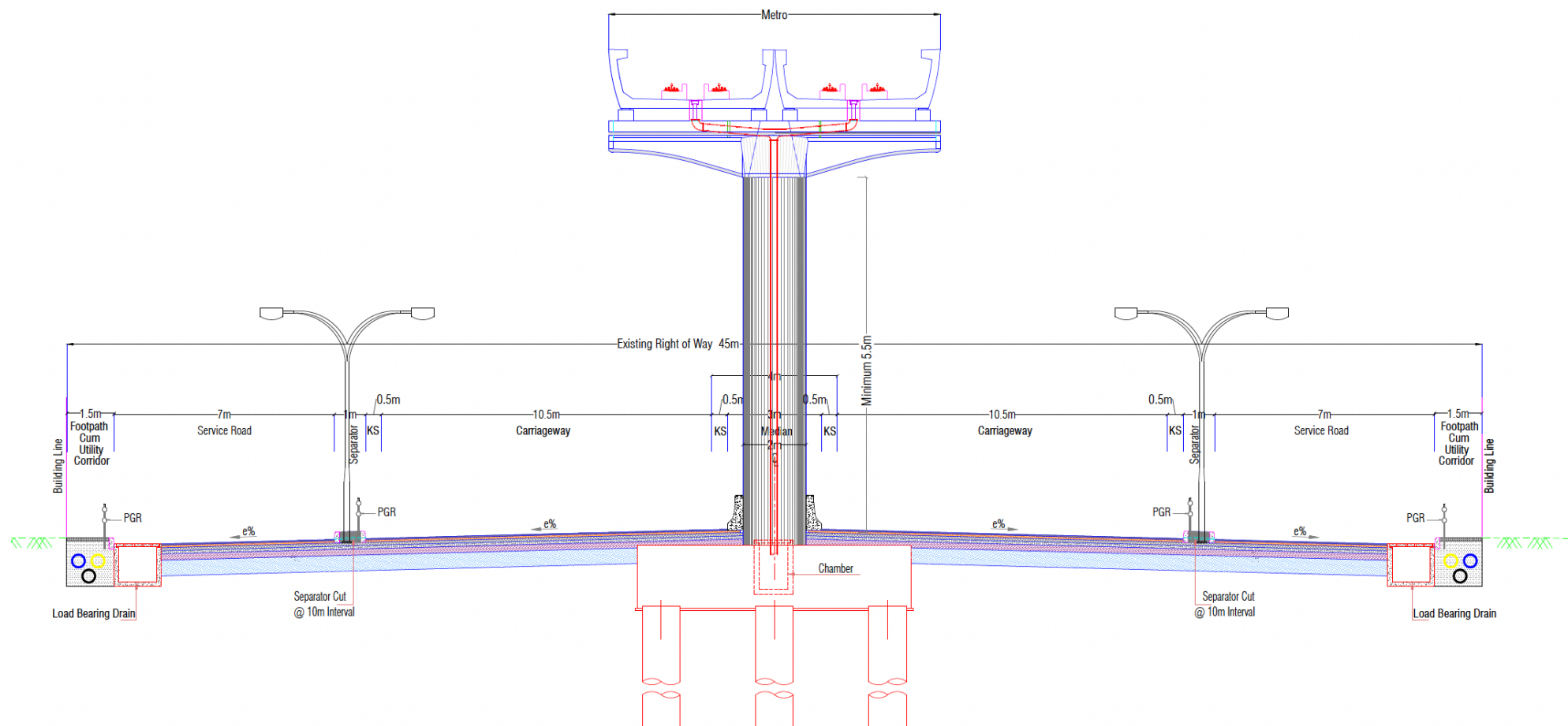
**TYPICAL CROSS SECTION FOR FOUR LANE WITHOUT PAVED SHOULDER  
FOR UNDERPASS APPROACHES WITH SERVICE ROAD AND DRAIN**

**TCS - 2**



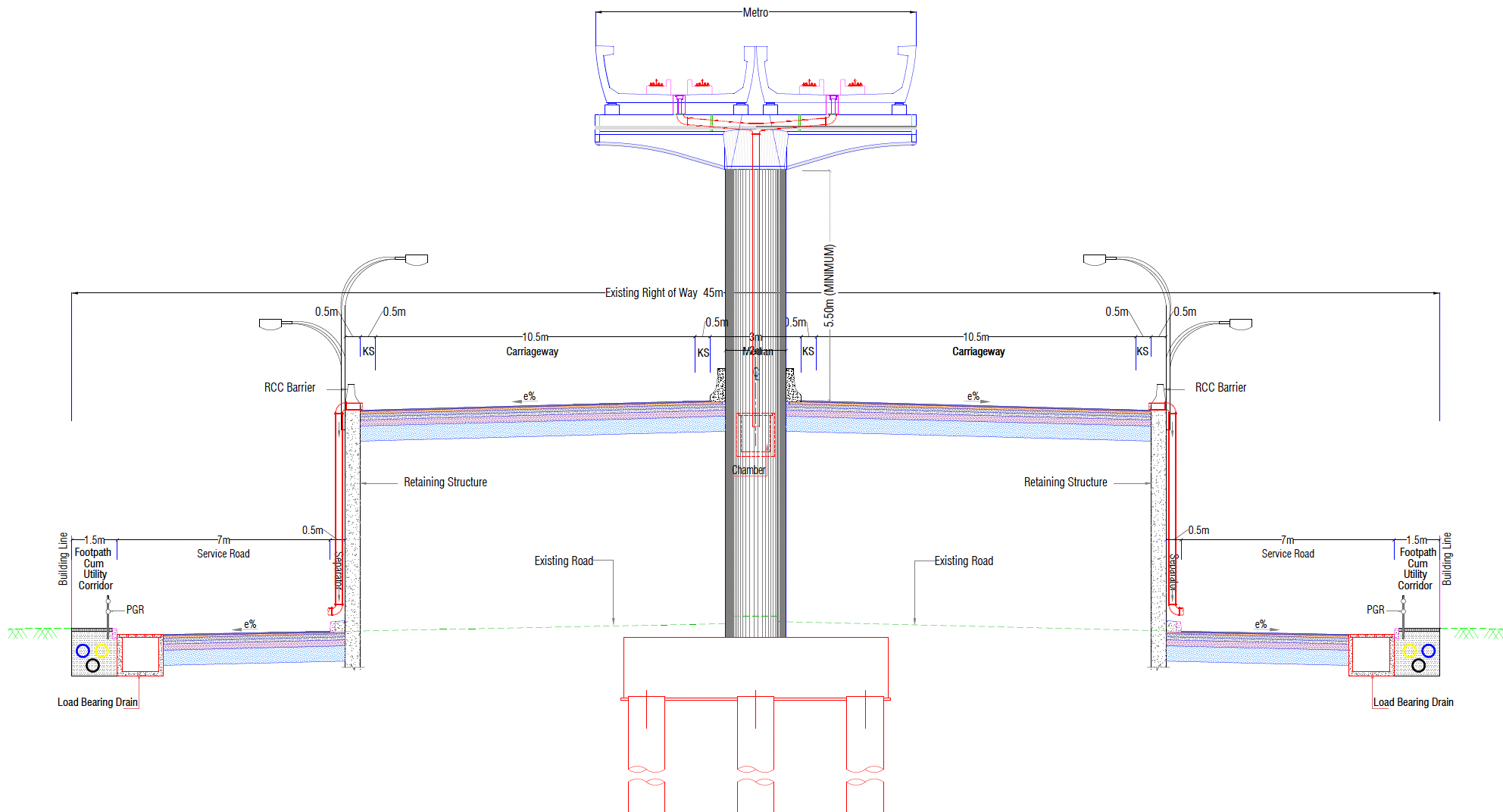
**TYPICAL CROSS SECTION OF FOUR LANE WITHOUT PAVED SHOULDER FOR UNDERPASS (STRUCTURE PORTION)  
WITH SERVICE ROAD AND DRAIN**

**TCS-2A**



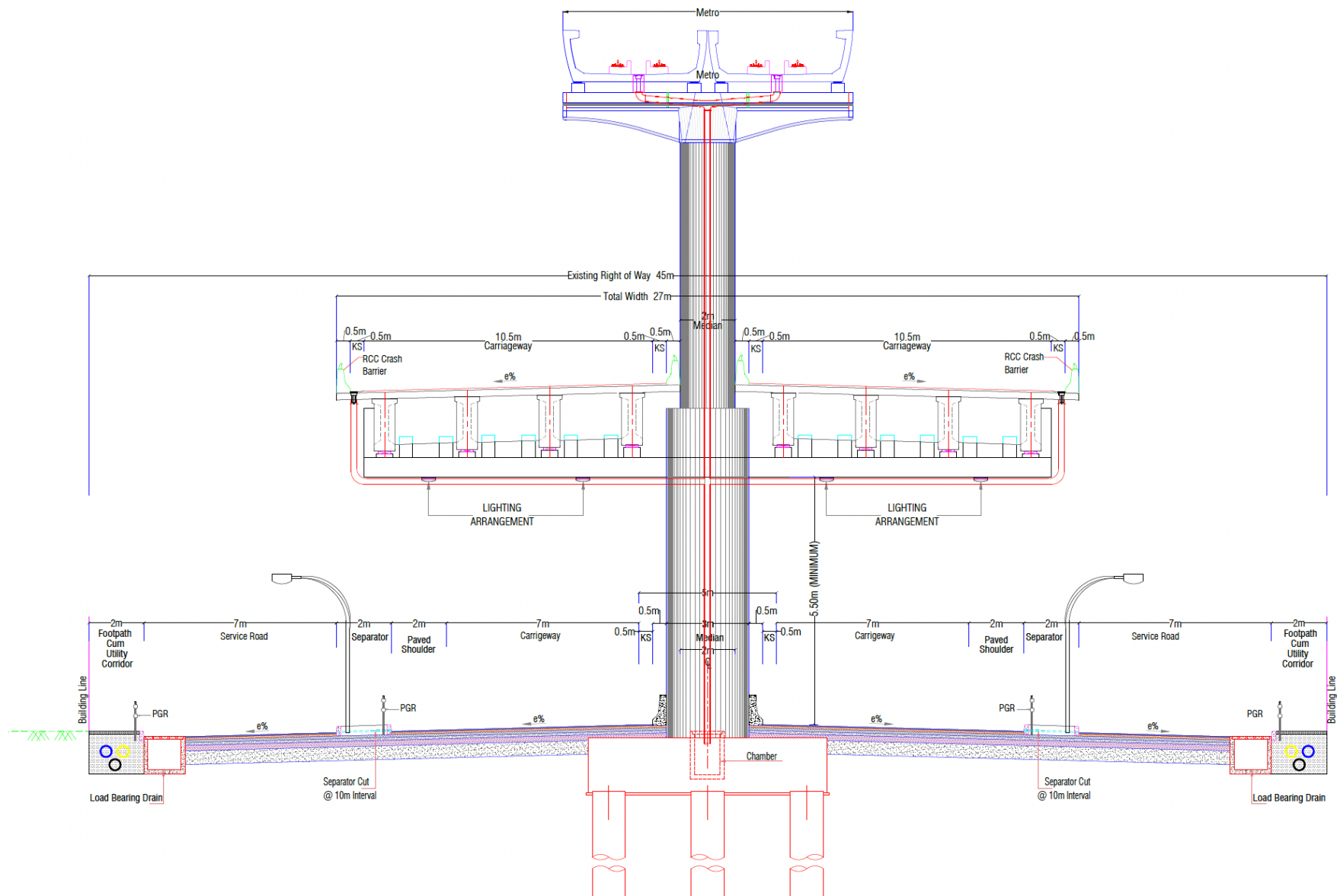
**TYPICAL CROSS SECTION FOR SIX LANE WITHOUT PAVED SHOULDER  
FOR AT GRADE MAIN CARRIAGEWAY WITH SERVICE ROAD AND DRAIN**

**TCS - 3**



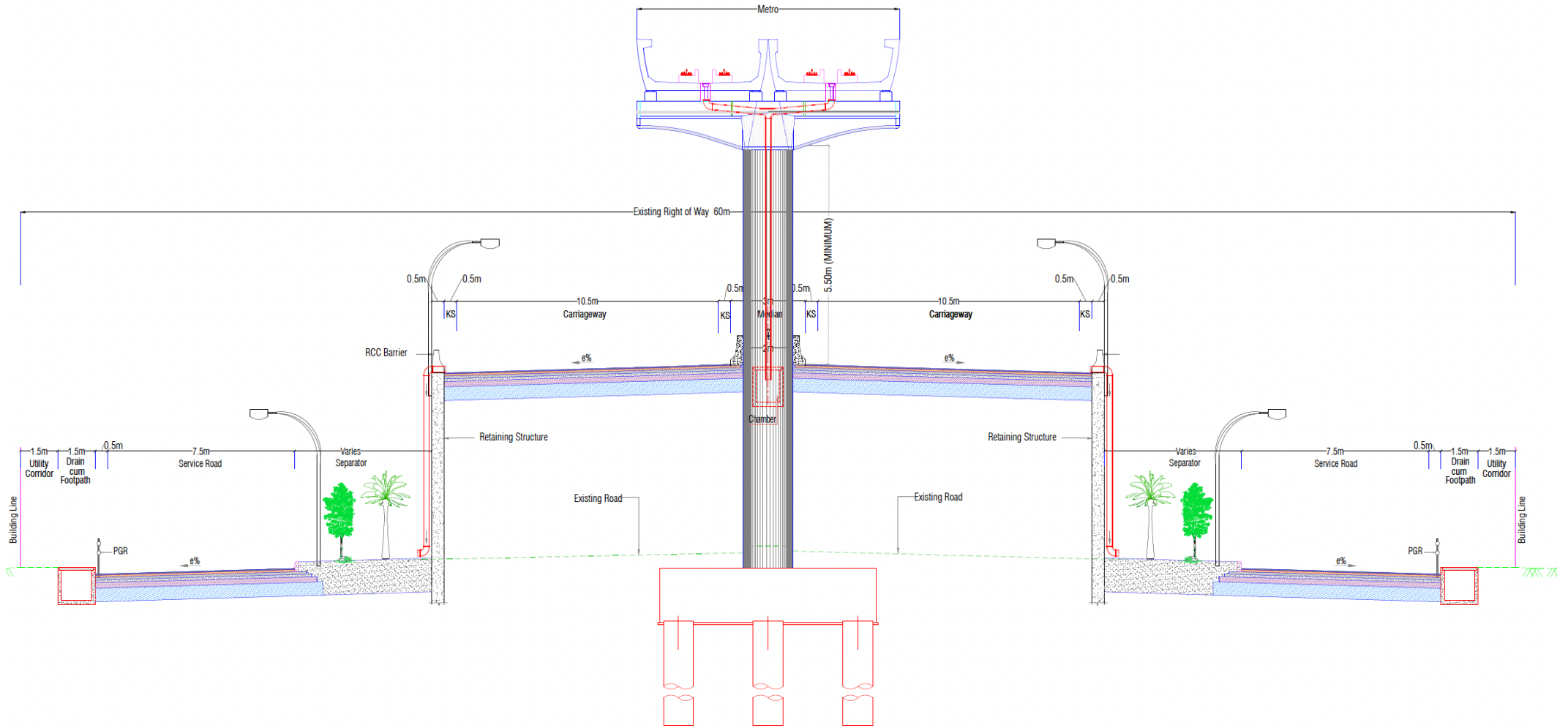
**TYPICAL CROSS SECTION FOR SIX LANE WITHOUT PAVED SHOULDER FOR  
APPROACHES TO ELEVATED SECTION WITH SERVICE ROAD AND DRAIN (ROW - 45m)**

**TCS - 4**



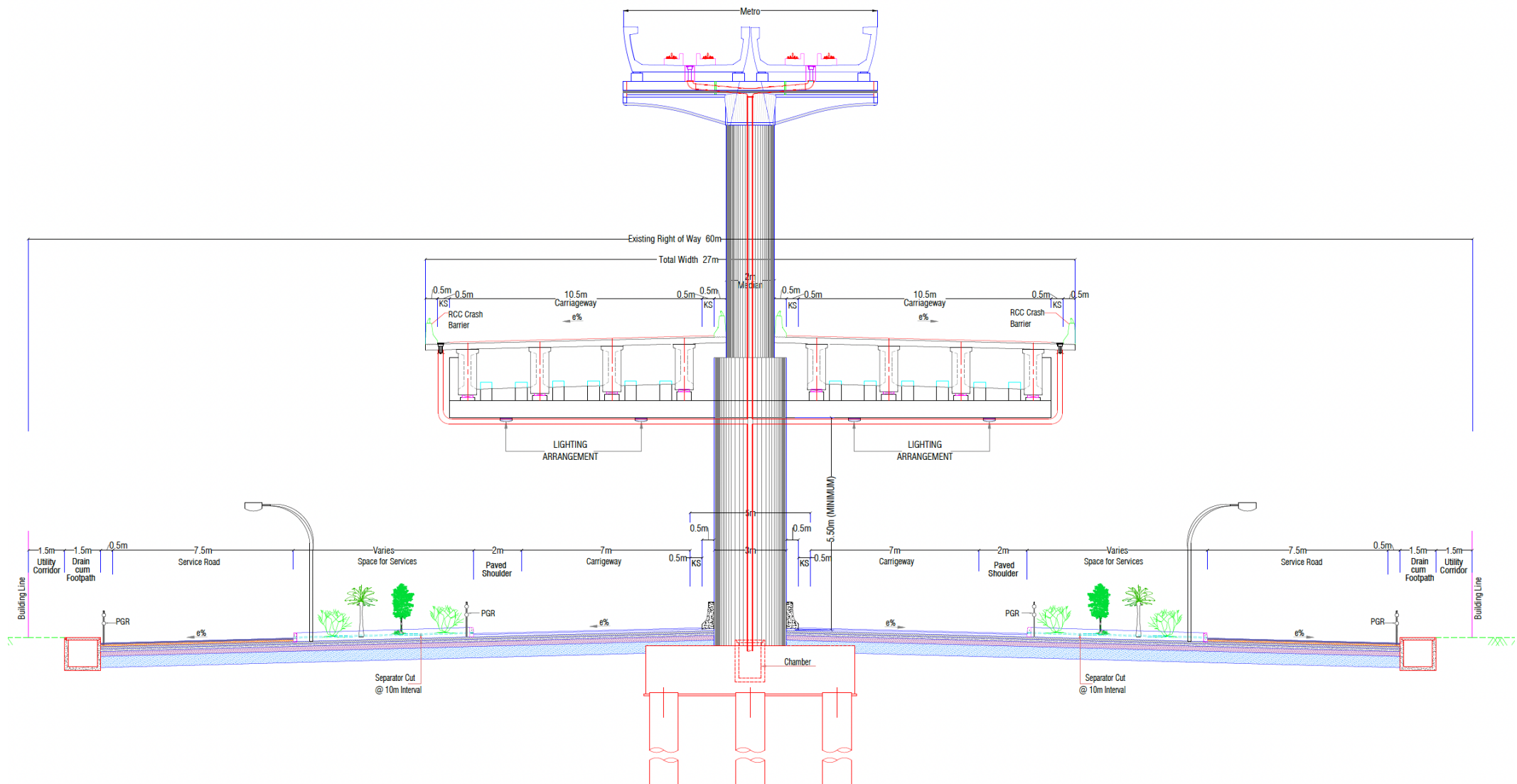
**TYPICAL CROSS SECTION OF SIX LANE WITHOUT PAVED SHOULDER  
FOR ELEVATED SECTION WITH SERVICE ROAD AND DRAIN (ROW - 45m)**

**TCS - 4A**



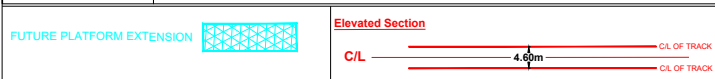
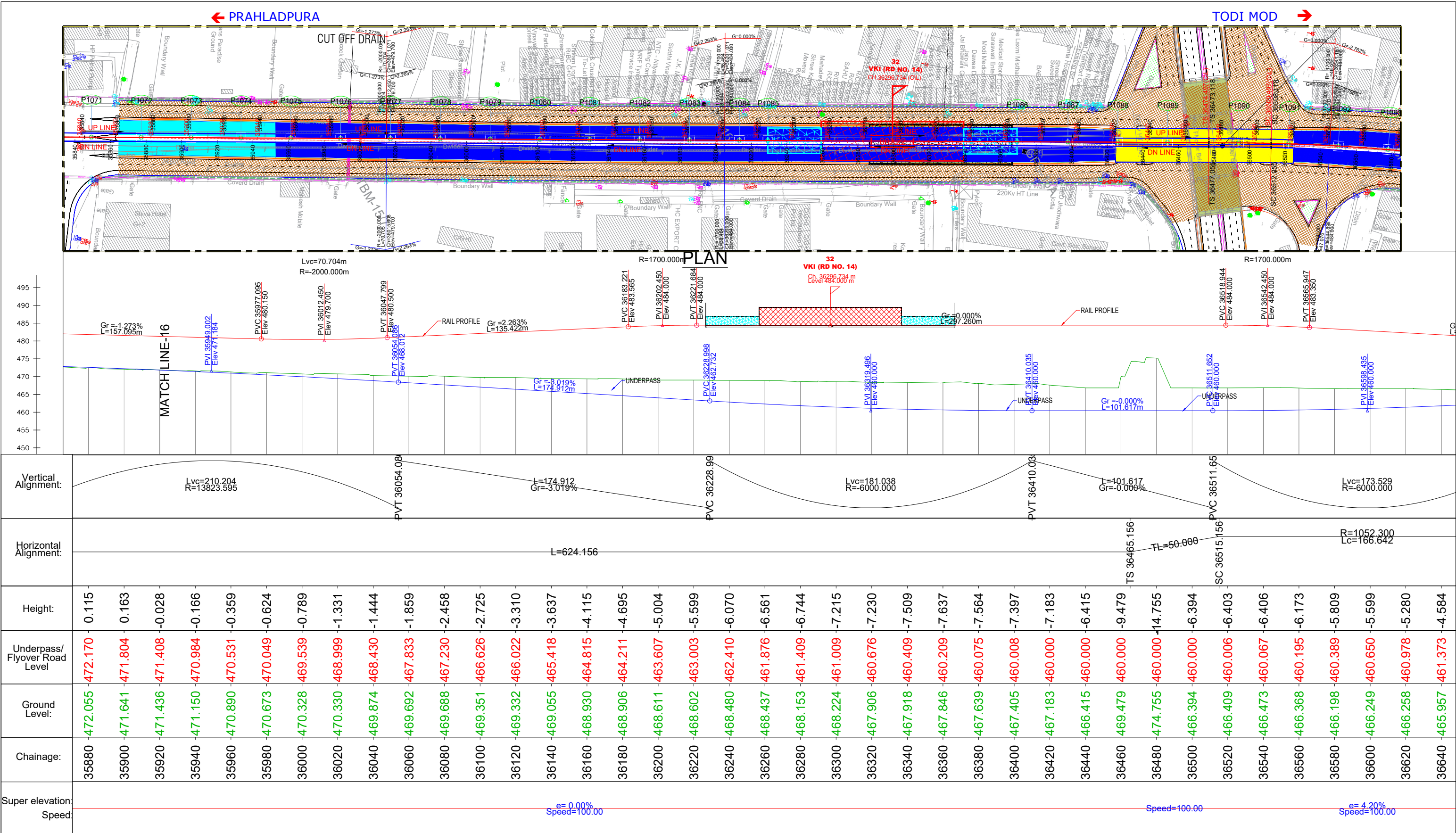
**TYPICAL CROSS SECTION FOR SIX LANE WITHOUT PAVED SHOULDER FOR  
APPROACHES TO ELEVATED SECTION WITH SERVICE ROAD AND DRAIN (ROW - 60m)**

**TCS - 5**



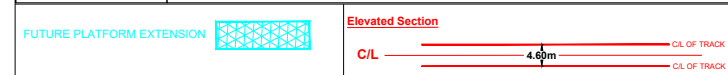
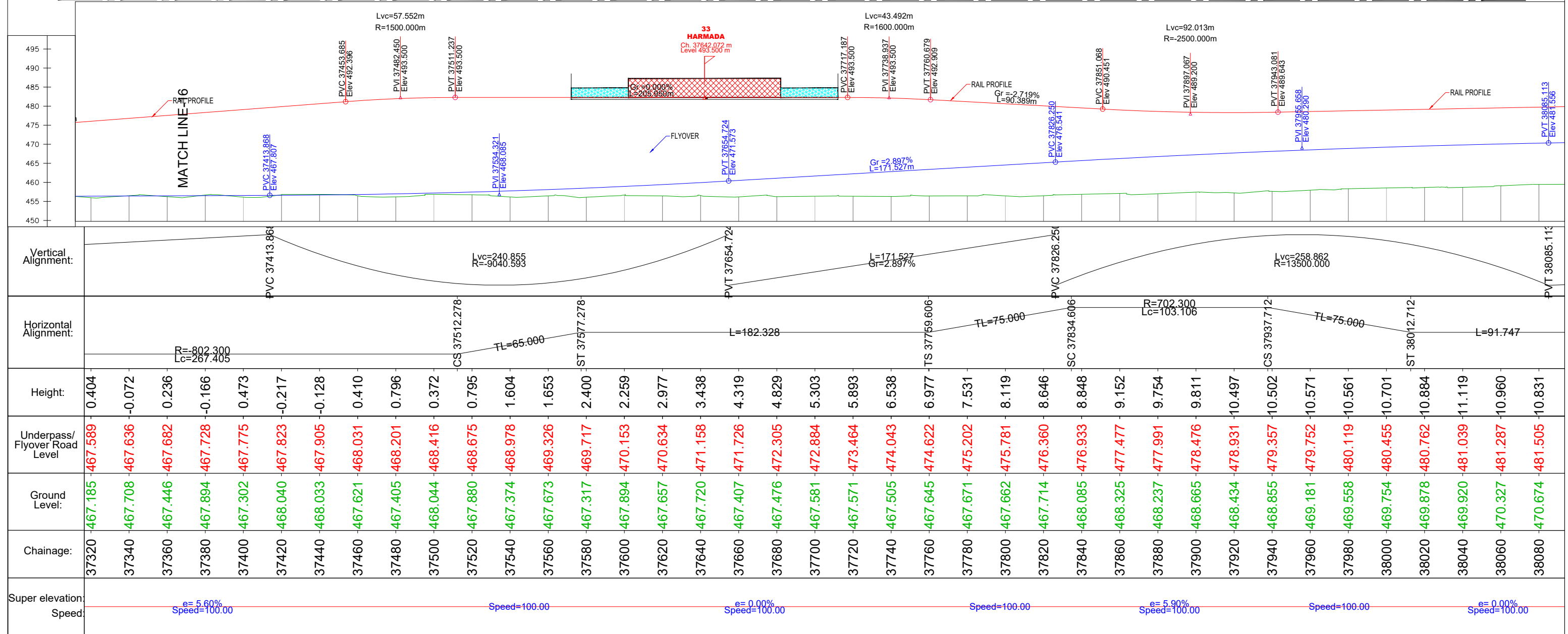
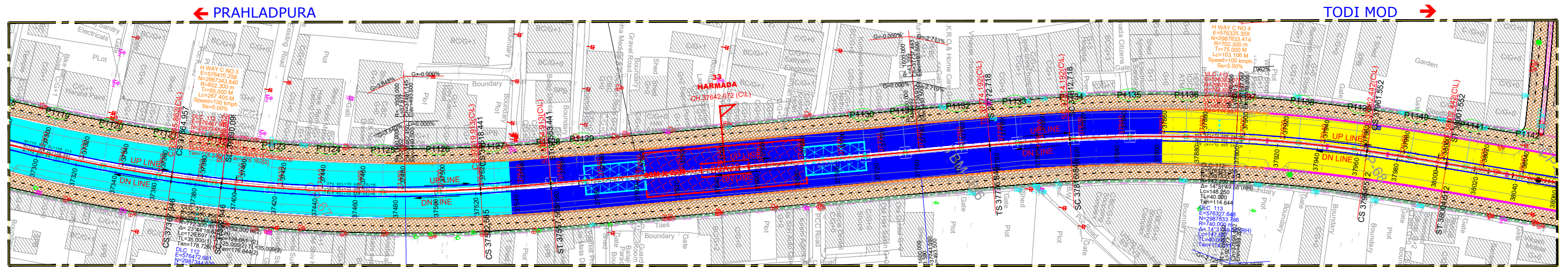
**TYPICAL CROSS SECTION FOR SIX LANE WITHOUT PAVED SHOULDER FOR  
ELEVATED SECTION WITH SERVICE ROAD AND DRAIN ( ROW - 60m)**

**TCS - 5A**

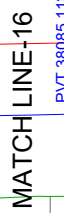


|                                                                                                                                     |                 |      |             |  |  |                    |             |             |  |  |                                                          |  |                                                                                                                                                                                 |     |                                                                                                           |                                          |                               |                                                                                                                                                                  |  |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------------|--|--|--------------------|-------------|-------------|--|--|----------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS THE PROPERTY OF JAIPUR METRO RAIL CORPORATION LTD.<br>यह दस्तावेज रास्टमेट्रो रेल कॉर्पोरेशन लिमिटेड की संपत्ति है। | ISSUED DRAWINGS |      |             |  |  | REFERENCE DRAWINGS |             |             |  |  | NOTICE OF NO OBJECTIONS' FROM EMPLOYER'S REPRESENTATIVE. |  |                                                                                                                                                                                 |     |                                                                                                           | PROJECT:-                                |                               |                                                                                                                                                                  |  |
|                                                                                                                                     |                 |      |             |  |  |                    |             |             |  |  | GENERAL CONSULTANTS (DMRC)                               |  |                                                                                                                                                                                 | RMR |                                                                                                           | RAJASTHAN METRO PHASE-2 CORRIDOR:        |                               |                                                                                                                                                                  |  |
|                                                                                                                                     |                 |      |             |  |  | S.NO.              | DRAWING NO. | DESCRIPTION |  |  | Dy.HODs                                                  |  | HODs                                                                                                                                                                            |     | Certified that this document has been designed and checked in accordance with DDC Quality Assurance Plan. |                                          | Authorised Signatory for DDC. |                                                                                                                                                                  |  |
|                                                                                                                                     |                 |      |             |  |  |                    |             |             |  |  | Sr. DGM/BD                                               |  | CA/BD                                                                                                                                                                           |     | CLIENT:-                                                                                                  |                                          |                               |                                                                                                                                                                  |  |
|                                                                                                                                     |                 |      |             |  |  |                    |             |             |  |  | CRE/Civil/UP                                             |  | PD-II/JP                                                                                                                                                                        |     | RAJASTHAN METRO RAIL CORPORATION LTD.                                                                     |                                          |                               |                                                                                                                                                                  |  |
|                                                                                                                                     |                 |      |             |  |  |                    |             |             |  |  |                                                          |  | ED/E/DG-2                                                                                                                                                                       |     | STATION NAME : JAIPUR METRO                                                                               |                                          |                               |                                                                                                                                                                  |  |
|                                                                                                                                     |                 |      |             |  |  |                    |             |             |  |  |                                                          |  | CE/Design                                                                                                                                                                       |     | DRAWING TITLE: ALIGMENT DRAWING                                                                           |                                          |                               |                                                                                                                                                                  |  |
|                                                                                                                                     |                 |      |             |  |  |                    |             |             |  |  |                                                          |  |                                                                                                                                                                                 |     | DATE : 03-10-26                                                                                           |                                          |                               |                                                                                                                                                                  |  |
|                                                                                                                                     |                 |      |             |  |  |                    |             |             |  |  |                                                          |  |                                                                                                                                                                                 |     | REV : R 6                                                                                                 |                                          |                               |                                                                                                                                                                  |  |
|                                                                                                                                     |                 |      |             |  |  |                    |             |             |  |  |                                                          |  |                                                                                                                                                                                 |     | HORIZONTAL SCALE: 1:1000                                                                                  |                                          |                               |                                                                                                                                                                  |  |
|                                                                                                                                     |                 |      |             |  |  |                    |             |             |  |  |                                                          |  |                                                                                                                                                                                 |     | VERTICAL SCALE:1:500                                                                                      |                                          |                               |                                                                                                                                                                  |  |
|                                                                                                                                     |                 |      |             |  |  |                    |             |             |  |  |                                                          |  |                                                                                                                                                                                 |     | STATUS : TENDER                                                                                           |                                          |                               |                                                                                                                                                                  |  |
|                                                                                                                                     | 17-10-25        | R0   | FIRST ISSUE |  |  | MR                 | RS          | AS          |  |  |                                                          |  |                                                                                                                                                                                 |     |                                                                                                           | DRAWING NUMBER: VID-JMRC-STR-TD-0701-017 |                               |                                                                                                                                                                  |  |
|                                                                                                                                     | DATE            | REV. | DESCRIPTION |  |  | DRAWN              | CHECKED     | APPROVED    |  |  |                                                          |  |                                                                                                                                                                                 |     |                                                                                                           | SHEET NO:<br>23 OF 31                    |                               |                                                                                                                                                                  |  |
|                                                                                                                                     |                 |      |             |  |  |                    |             |             |  |  |                                                          |  |                                                                                                                                                                                 |     |                                                                                                           | SHEET SIZE:<br>A1                        |                               |                                                                                                                                                                  |  |
|                                                                                                                                     |                 |      |             |  |  |                    |             |             |  |  |                                                          |  | (*Definition of TERMS NOC/APPROVAL to be read as per terms outlined in respective Contracts, Notice of no objection from employer is being accorded for design principal only.) |     |                                                                                                           |                                          |                               | ARCHITECTURE                                                                                                                                                     |  |
|                                                                                                                                     |                 |      |             |  |  |                    |             |             |  |  |                                                          |  | GENERAL CONSULTANT:-                                                                                                                                                            |     |                                                                                                           |                                          |                               | This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior written permission of JMRC. |  |
|                                                                                                                                     |                 |      |             |  |  |                    |             |             |  |  |                                                          |  |                                                                                            |     |                                                                                                           |                                          |                               | DELHI METRO RAIL CORPORATION LTD.                                                                                                                                |  |





|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          |           |                                                                                                                                                                  |                                                                                                           |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--|--|--|--|--|--------------------|-------------|-------------|----------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--|
| राजस्थान मेट्रो रेल कॉर्पोरेशन लिमिटेड का निदेश है कि<br>THIS DRAWING IS THE PROPERTY OF RAJASTHAN METRO RAIL CORPORATION LTD.<br>IT IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF JMRCL. | ISSUED DRAWINGS |  |  |  |  |  | REFERENCE DRAWINGS |             |             | NOTICE OF NO OBJECTIONS' FROM EMPLOYER'S REPRESENTATIVE. |           |                                                                                                                                                                  | PROJECT:-                                                                                                 |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             | GENERAL CONSULTANTS (DMRC)                               |           | RMRC                                                                                                                                                             | RAJASTHAN METRO PHASE-2 CORRIDOR:                                                                         |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  | S.NO.              | DRAWING NO. | DESCRIPTION | Dy.HODs                                                  | HODs      |                                                                                                                                                                  | Certified that this document has been designed and checked in accordance with DDC Quality Assurance Plan. |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             | Sr. DGM/BD                                               | CA/BD     |                                                                                                                                                                  | Authorised Signatory for DDC.                                                                             |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             | CRE/Civil/JIP                                            | PD-II/JIP |                                                                                                                                                                  | CLIENT:-                                                                                                  |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          | ED/E/DG-2 |                                                                                                                                                                  | RAJASTHAN METRO RAIL CORPORATION LTD.                                                                     |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          | CE/Design |                                                                                                                                                                  |                                                                                                           |  |
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|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          |           |  DELHI METRO RAIL CORPORATION LTD.                                          |                                                                                                           |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          |           |                                                                                                                                                                  |                                                                                                           |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          |           | ARCHITECTURE                                                                                                                                                     |                                                                                                           |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          |           | STATION NAME : JAIPUR METRO                                                                                                                                      |                                                                                                           |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          |           | DRAWING TITLE: ALIGMENT DRAWING                                                                                                                                  |                                                                                                           |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          |           | DATE : 03-10-26                                                                                                                                                  |                                                                                                           |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          |           | REV : R 6                                                                                                                                                        |                                                                                                           |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          |           | HORIZONTAL SCALE: 1:1000                                                                                                                                         |                                                                                                           |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          |           | VERTICAL SCALE:1:500                                                                                                                                             |                                                                                                           |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          |           | STATUS : TENDER                                                                                                                                                  |                                                                                                           |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          |           | DRAWING NUMBER: VID-JMRC-STR-TD-0701-017                                                                                                                         |                                                                                                           |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          |           | SHEET NO: 25 OF 31                                                                                                                                               |                                                                                                           |  |
|                                                                                                                                                                                                                               |                 |  |  |  |  |  |                    |             |             |                                                          |           | SHEET SIZE: A1                                                                                                                                                   |                                                                                                           |  |
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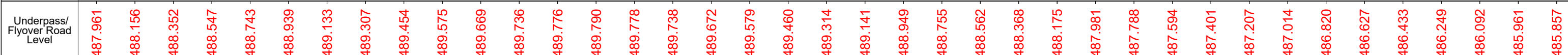
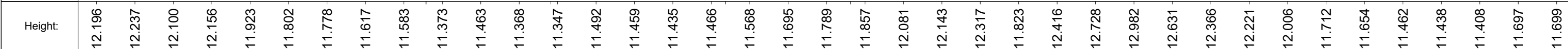
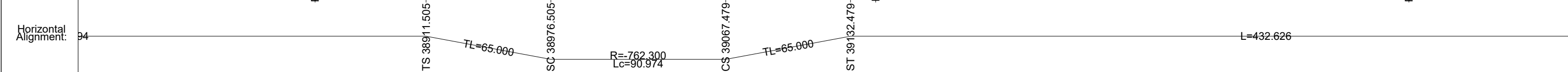
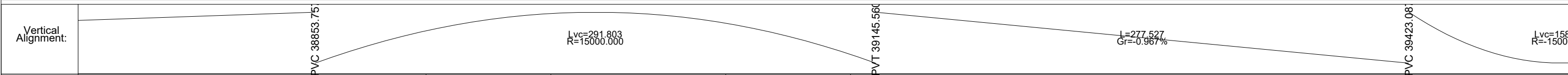
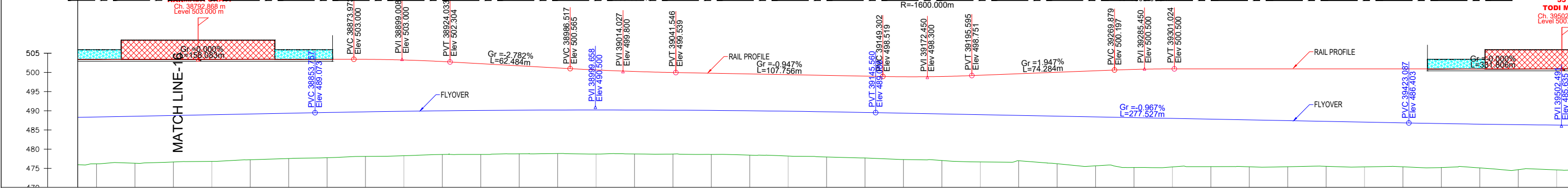
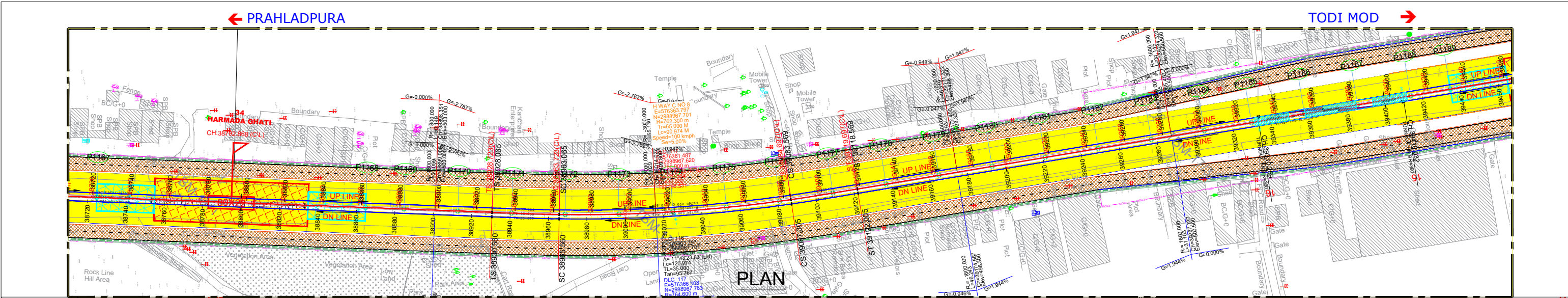
Height:

Super elevation

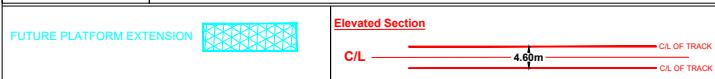
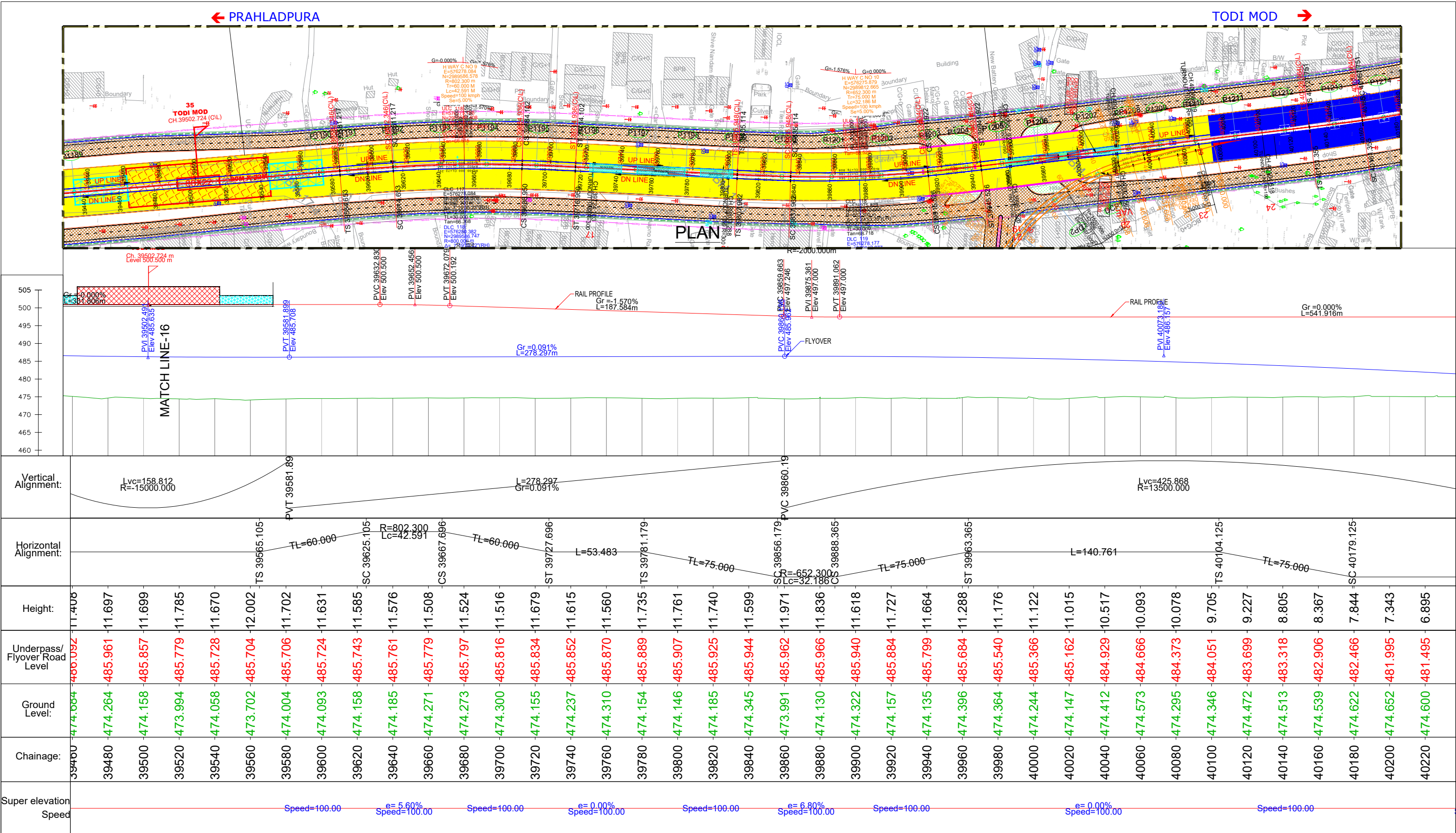


## TENDER DRAWING

THIS DRAWING IS THE PROPERTY OF JAI PUR  
अब यह चित्रांकन जयपुर में रेत का पॉलिश लिमिटेड की धरोहर है।



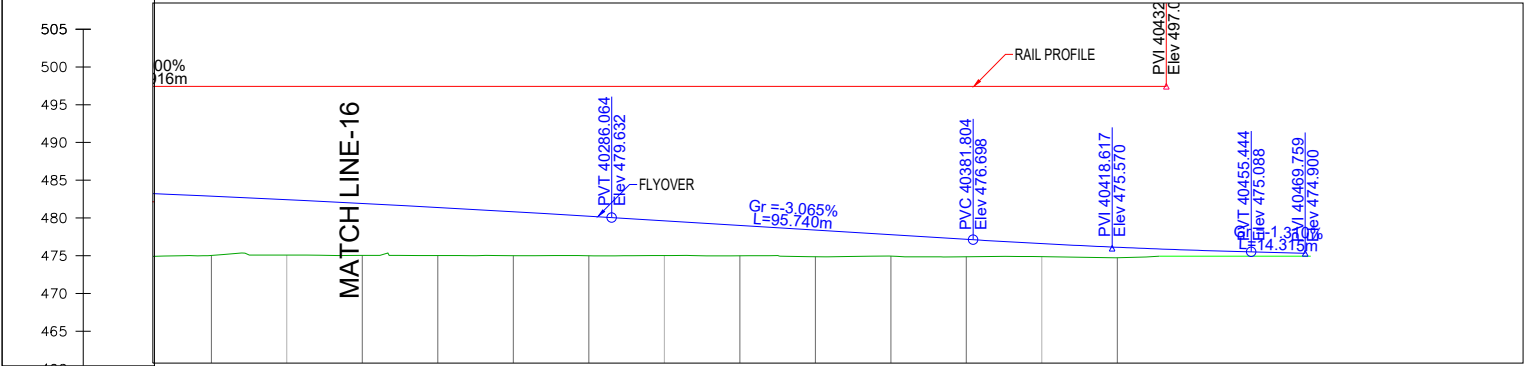
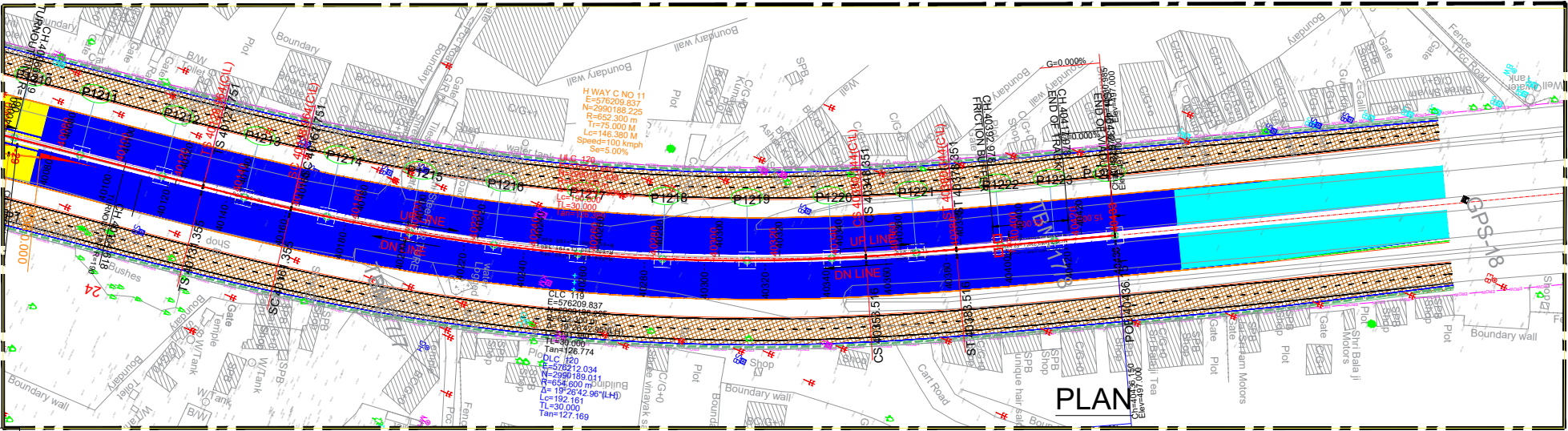
|                                                                                                                                                                              |                 |             |             |  |       |                    |             |             |  |                                                                                                                                                                                 |                                                          |            |      |      |                                   |                                                                                                           |  |                               |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------|-------------|--|-------|--------------------|-------------|-------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------|------|------|-----------------------------------|-----------------------------------------------------------------------------------------------------------|--|-------------------------------|--|--|--|
| THIS DRAWING IS THE PROPERTY OF JAIPUR METRO RAIL CORPORATION LTD.<br>यह दस्तावेज रा.म.प.के सम्पत्ति है। अनधिकृत प्रतिलिपि का प्रयोग ग्राहक के हित में नहीं किया जा सकता है। | ISSUED DRAWINGS |             |             |  |       | REFERENCE DRAWINGS |             |             |  |                                                                                                                                                                                 | NOTICE OF NO OBJECTIONS' FROM EMPLOYER'S REPRESENTATIVE. |            |      |      | PROJECT:-                         |                                                                                                           |  |                               |  |  |  |
|                                                                                                                                                                              |                 |             |             |  |       |                    |             |             |  |                                                                                                                                                                                 | GENERAL CONSULTANTS (DMRC)                               |            | RMRC |      | RAJASTHAN METRO PHASE-2 CORRIDOR: |                                                                                                           |  |                               |  |  |  |
|                                                                                                                                                                              |                 |             |             |  |       | S.NO.              | DRAWING NO. | DESCRIPTION |  | Dy.HODs                                                                                                                                                                         |                                                          | HODs       |      | RMRC |                                   | Certified that this document has been designed and checked in accordance with DDC Quality Assurance Plan. |  | Authorised Signatory for DDC. |  |  |  |
|                                                                                                                                                                              |                 |             |             |  |       |                    |             |             |  | Sr. DGM/BD                                                                                                                                                                      |                                                          | CA/BD      |      |      |                                   | CLIENT:-                                                                                                  |  |                               |  |  |  |
|                                                                                                                                                                              |                 |             |             |  |       |                    |             |             |  | CRE/Civil/UP                                                                                                                                                                    |                                                          | PD-II/JP   |      |      |                                   | RAJASTHAN METRO RAIL CORPORATION LTD.                                                                     |  |                               |  |  |  |
|                                                                                                                                                                              |                 |             |             |  |       |                    |             |             |  |                                                                                                                                                                                 |                                                          | ED/IE/DG-2 |      |      |                                   |                                                                                                           |  |                               |  |  |  |
|                                                                                                                                                                              |                 |             |             |  |       |                    |             |             |  |                                                                                                                                                                                 |                                                          | CE/Design  |      |      |                                   |                                                                                                           |  |                               |  |  |  |
|                                                                                                                                                                              |                 |             |             |  |       |                    |             |             |  |                                                                                                                                                                                 |                                                          |            |      |      |                                   |                                                                                                           |  |                               |  |  |  |
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|                                                                                                                                                                              | 17-10-25        | R0          | FIRST ISSUE |  |       | MR                 | RS          | AS          |  |                                                                                                                                                                                 |                                                          |            |      |      |                                   |                                                                                                           |  |                               |  |  |  |
| DATE                                                                                                                                                                         | REV.            | DESCRIPTION |             |  | DRAWN | CHECKED            | APPROVED    |             |  |                                                                                                                                                                                 |                                                          |            |      |      |                                   |                                                                                                           |  |                               |  |  |  |
|                                                                                                                                                                              |                 |             |             |  |       |                    |             |             |  | (*Definition OF TERMS NOC/APPROVAL to be read as per terms outlined in respective Contracts, Notice of no objection from employer is being accorded for design principal only.) |                                                          |            |      |      |                                   |                                                                                                           |  |                               |  |  |  |
|                                                                                                                                                                              |                 |             |             |  |       |                    |             |             |  |                                                                                                                                                                                 |                                                          |            |      |      |                                   |                                                                                                           |  |                               |  |  |  |
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|                                                                                                                                                                              |                 |             |             |  |       |                    |             |             |  |                                                                                                                                                                                 |                                                          |            |      |      |                                   |                                                                                                           |  |                               |  |  |  |



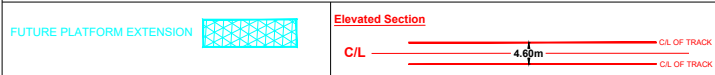
|                                                                                                                                                                  |                 |             |             |         |                                                  |                    |  |                       |  |                   |                                                          |                                                                                                                                                                                 |              |  |  |                                       |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------|-------------|---------|--------------------------------------------------|--------------------|--|-----------------------|--|-------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|--|---------------------------------------|----------|
| THIS DRAWING IS THE PROPERTY OF JAIPUR METRO RAIL CORPORATION LTD.<br>यह दस्तावेज राजपुर मेट्रो रेल कॉर्पोरेशन लिमिटेड की संपत्ति है।                            | ISSUED DRAWINGS |             |             |         |                                                  | REFERENCE DRAWINGS |  |                       |  |                   | NOTICE OF NO OBJECTIONS' FROM EMPLOYER'S REPRESENTATIVE. |                                                                                                                                                                                 |              |  |  | PROJECT:-                             |          |
|                                                                                                                                                                  |                 |             |             |         |                                                  |                    |  |                       |  |                   | GENERAL CONSULTANTS (DMRC)                               |                                                                                                                                                                                 |              |  |  | RAJASTHAN METRO PHASE-2 CORRIDOR:     |          |
|                                                                                                                                                                  |                 |             |             |         |                                                  |                    |  |                       |  |                   | RMRC                                                     |                                                                                                                                                                                 |              |  |  |                                       |          |
|                                                                                                                                                                  |                 |             |             |         |                                                  |                    |  |                       |  |                   | Dy.HODs                                                  |                                                                                                                                                                                 |              |  |  | HODs                                  |          |
|                                                                                                                                                                  |                 |             |             |         |                                                  |                    |  |                       |  |                   | Sr. DGM/BD                                               |                                                                                                                                                                                 |              |  |  | CA/BD                                 |          |
|                                                                                                                                                                  |                 |             |             |         |                                                  |                    |  |                       |  |                   | CRE/Civil/JP                                             |                                                                                                                                                                                 |              |  |  | PD-II/JP                              |          |
|                                                                                                                                                                  |                 |             |             |         |                                                  |                    |  |                       |  |                   |                                                          |                                                                                                                                                                                 |              |  |  | ED/E/DG-2                             |          |
|                                                                                                                                                                  |                 |             |             |         |                                                  |                    |  |                       |  |                   |                                                          |                                                                                                                                                                                 |              |  |  | CE/Design                             |          |
|                                                                                                                                                                  |                 |             |             |         |                                                  |                    |  |                       |  |                   |                                                          |                                                                                                                                                                                 |              |  |  |                                       |          |
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|                                                                                                                                                                  | 17-10-25        | R0          | FIRST ISSUE | MR      | RS                                               | AS                 |  |                       |  |                   |                                                          | (*Definition OF TERMS NOC/APPROVAL to be read as per terms outlined in respective Contracts, Notice of no objection from employer is being accorded for design principal only.) |              |  |  |                                       | CLIENT:- |
| DATE                                                                                                                                                             | REV.            | DESCRIPTION | DRAWN       | CHECKED | APPROVED                                         |                    |  |                       |  |                   |                                                          |                                                                                                                                                                                 |              |  |  | GENERAL CONSULTANT:-                  |          |
|                                                                                                                                                                  |                 |             |             |         |                                                  |                    |  |                       |  |                   |                                                          |                                                                                                                                                                                 |              |  |  | RAJASTHAN METRO RAIL CORPORATION LTD. |          |
|                                                                                                                                                                  |                 |             |             |         |                                                  |                    |  |                       |  |                   |                                                          |                                                                                                                                                                                 |              |  |  | DELHI METRO RAIL CORPORATION LTD.     |          |
|                                                                                                                                                                  |                 |             |             |         |                                                  |                    |  |                       |  |                   |                                                          |                                                                                                                                                                                 |              |  |  | PROJECT:-                             |          |
|                                                                                                                                                                  |                 |             |             |         |                                                  |                    |  |                       |  |                   |                                                          |                                                                                                                                                                                 |              |  |  | RAJASTHAN METRO PHASE-2 CORRIDOR:     |          |
|                                                                                                                                                                  |                 |             |             |         |                                                  |                    |  |                       |  |                   |                                                          |                                                                                                                                                                                 |              |  |  | STATION NAME : JAIPUR METRO           |          |
|                                                                                                                                                                  |                 |             |             |         |                                                  |                    |  |                       |  |                   |                                                          |                                                                                                                                                                                 |              |  |  | DRAWING TITLE: ALIGMENT DRAWING       |          |
| DATE : 03-10-26                                                                                                                                                  |                 |             | REV : R 6   |         | HORIZONTAL SCALE: 1:1000<br>VERTICAL SCALE:1:500 |                    |  | STATUS : TENDER       |  |                   |                                                          |                                                                                                                                                                                 | ARCHITECTURE |  |  |                                       |          |
| DRAWING NUMBER: VID-JMRC-STR-TD-0701-017                                                                                                                         |                 |             |             |         |                                                  |                    |  | SHEET NO:<br>28 OF 31 |  | SHEET SIZE:<br>A1 |                                                          |                                                                                                                                                                                 |              |  |  |                                       |          |
| This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior written permission of JMRC. |                 |             |             |         |                                                  |                    |  |                       |  |                   |                                                          |                                                                                                                                                                                 |              |  |  |                                       |          |

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| Vertical Alignment:              | <div>SC 40179.125</div> <div>PVT 40286.064</div> <div>L=95.740</div> <div>Gr=-3.065%</div> <div>PVC 40381.804</div> <div>Lvc=73.640</div> <div>R=4200.000</div> <div>PVI 40418.617</div> <div>L=32.452</div> <div>POE 40432.958</div> <div>PVT 40455.444</div> <div>L=1.233</div> <div>Gr=1.233%</div> <div>POE 40469.759</div> |         |         |         |         |         |         |         |         |         |         |         |         |         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Horizontal Alignment:            | <div>SC 40179.125</div> <div>R=652.300</div> <div>C=146.380</div> <div>CS 40325.506</div> <div>TL=75.000</div> <div>ST 40400.506</div> <div>L=32.452</div> <div>POE 40432.958</div>                                                                                                                                             |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Height:                          | 7.844                                                                                                                                                                                                                                                                                                                           | 7.343   | 6.895   | 6.367   | 5.844   | 5.247   | 4.612   | 4.022   | 3.545   | 2.844   | 2.303   | 1.724   | 1.381   |         |
| Underpass/<br>Flyover Road Level | 482.466                                                                                                                                                                                                                                                                                                                         | 481.995 | 481.495 | 480.965 | 480.406 | 479.817 | 479.205 | 478.592 | 477.979 | 477.366 | 476.753 | 476.180 | 475.701 | 475.318 |
| Ground Level:                    | 474.622                                                                                                                                                                                                                                                                                                                         | 474.652 | 474.600 | 474.598 | 474.562 | 474.570 | 474.593 | 474.570 | 474.434 | 474.522 | 474.450 | 474.456 | 474.320 |         |
| Chainage:                        | 40180                                                                                                                                                                                                                                                                                                                           | 40200   | 40220   | 40240   | 40260   | 40280   | 40300   | 40320   | 40340   | 40360   | 40380   | 40400   | 40420   | 40440   |
| Super elevation:                 | e= 6.80%                                                                                                                                                                                                                                                                                                                        |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Speed:                           | Speed=100.00                                                                                                                                                                                                                                                                                                                    |         |         |         |         |         |         |         |         |         |         |         |         |         |

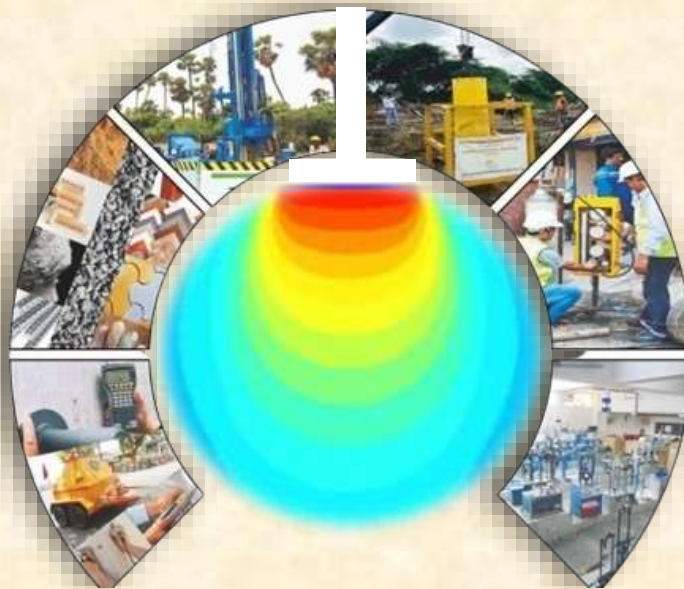


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| THIS DRAWING IS THE PROPERTY OF JAIPUR METRO RAIL CORPORATION LTD.<br>इस दस्तावेज कागज़ की संपत्ति है और इसे बिना अनुमति के नहीं प्रसारित किया जा सकता है। | ISSUED DRAWINGS |  |  |  |  | REFERENCE DRAWINGS |  |  |  |  | NOTICE OF NO OBJECTIONS' FROM EMPLOYER'S REPRESENTATIVE. |  |  |  |  | Certified that this document has been designed and checked in accordance with DDC Quality Assurance Plan. |  | Authorised Signatory for DDC. |  | PROJECT:-<br><br>RAJASTHAN METRO PHASE-2 CORRIDOR: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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|                                                                                                                                                            |                 |  |  |  |  |                    |  |  |  |  | GENERAL CONSULTANTS (DMRC)                               |  |  |  |  |                                                                                                           |  |                               |  |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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CLIENT:-<br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>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SR-1241

“Geotech Investigation work for Jaipur Metro  
Ph-II Project from Prahladpura to Todi Mod  
(Total approximate length -42.8 km)”

**PKG-IV**



Submitted to:  
**Delhi Metro Rail Corporation Ltd**



TC-10943  
NABL Accredited  
Both Field & Lab Tests

CEG Test House and Research Centre Pvt. Ltd.  
B-11(G), Malviya Industrial Area, Jaipur-302017  
Tel.: 91-141-4046599, Fax: 91-141-2751806  
E-mail: [info@cegtesthouse.com](mailto:info@cegtesthouse.com).  
[www.cegtesthouse.com](http://www.cegtesthouse.com)

SR-1241

“Geotech Investigation work for Jaipur Metro  
Ph-II Project from Prahladpura to Todi Mod  
(Total approximate length -42.8 km)”

**PKG-IV**

| SR. No.    | Report Ref. No.                       | Revision No. | Date       |
|------------|---------------------------------------|--------------|------------|
| 1241_25-26 | CEGTH/DMRC/SR-1241/2026-27/452_25 BHs | 00           | 17.09.2026 |

**Submitted to:**  
**Delhi Metro Rail Corporation Ltd**



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[www.cegtesthouse.com](http://www.cegtesthouse.com)

CEGTH/DMRC/SR-1241/2026-27/452

Date:- 17.09.2026

To,

**Project Director/Jaipur-II, DMRC**  
Office of Chief Project Manager-8  
Opposite Frank Anthony Public School  
Lala Lajpat Rai Marg, Lajpat Nagar-IV  
New Delhi - 110024

Subject :- “Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi  
Mod (Total approximate length -42.8 km)”**PKG-IV**

Dear Sir,

We are pleased to submit this report of 25 boreholes carried out for the proposed project.

The accompanying report presents results of field tests and laboratory tests conducted on selected soil and rock samples ,their interpretation and foundation recommendations.

Should there be any clarifications regarding the contents please contact us at your most convenient time.

We value the opportunity to participate in this project and look forward a pleasant association on future projects.

Very truly yours,  
CEG Test House & Research Centre Pvt. Ltd.



**Nehal Jain**  
**Sr. General Manager, Geotechnical**  
**Authorized Signatory**

Prepared By:-



**Pratibha Bagaria**  
**Sr Geotechnical Engineer**



TC-10943  
NABL Accredited  
Both Field & Lab Tests

**CEG Test House and Research Centre Pvt. Ltd.**

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## CHAPTER 1 GENERAL

### 1.1 INTRODUCTION:

The work of “**Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km)**” was awarded to CEG Test House & Research Centre Pvt. Ltd. by **Delhi Metro Rail Corporation Ltd.**

Field work including drilling of boreholes and sample collection covered in this report was carried out in the presence of Client’s Engineer. Laboratory tests were conducted on selected soil samples to determine the design parameters, confirming to relevant specifications and the guidelines received from the client.

This report includes the details of methodology of investigation, collection of soil samples, laboratory test results, analysis of results and recommendations for results for proposed structures based on Soil samples collected from the Borelog locations.

### 1.2 SCOPE OF WORK:

- Mobilisation of necessary plant equipments, men and materials for the geotechnical investigation work as per specifications, drawings and instructions of the engineer, shifting of the equipment from one test location to another location to complete the entire field work within the stipulated time schedule and demobilization after completion of field work.
- Making 150 mm nominal diameter boreholes at various locations upto 50.00m depth below the natural ground level in all types of soil using suitable approved method of boring including chiselling, cleaning, providing casing pipe as required or as directed by the engineer.
- Performing Standard Penetration Tests at every 1.5 m interval and at every change of strata.
- Collecting undisturbed or disturbed soil samples at every 3.0 m interval and at every change of strata. Recording of ground water table and collecting water samples for conducting chemical analysis in the laboratory.
- Recording of ground water table and collecting water samples for conducting chemical analysis in the laboratory.
- Transporting all the collected soil samples to the laboratory.
- Conducting various laboratory tests on selected soil samples at CEGTH NABL accredited laboratory including preparation of samples to determine the following properties all complete as per specification :

#### **On soil Samples**

- Dry density test
- Bulk Density and Moisture Content.

- Specific gravity
- Sieve Analysis (Mechanical) with Hydrometer Classification
- Liquid Limit, Plastic Limit and Shrinkage Limit
- Direct Shear Test
- Triaxial Shear Test
- Chemical Analysis of soil samples (pH, chloride, Sulphate)

The details of borehole locations and general geology of site location describe in **Chapter 2**.

## CHAPTER 2 DETAILS OF SITE AND GENERAL GEOLOGICAL HISTORY

### 2.1 SITE LOCATION:

The locations of 25 boreholes were marked on the ground as per the layout given by the Engineer. The details of various boreholes locations along with their co-ordinates are provided in table 2.1.

The site of proposed project is located at **Jaipur** in the State of **Rajasthan** falls in seismic zone – II (Zone factor=0.10) of India.

**Table 2.1: Details of Borehole Locations & Test Locations**

| S.No | BH.No  | Pier no. | Depth of<br>Water Table below<br>EGL<br>(m) | Depth of<br>Borehole<br>below<br>EGL(m) | Co-ordinates (m) |             |
|------|--------|----------|---------------------------------------------|-----------------------------------------|------------------|-------------|
|      |        |          |                                             |                                         | E                | N           |
| 1.   | BH-333 | P-938    | Not encountered                             | 50.00                                   | 576554.000       | 2981752.000 |
| 2.   | BH-334 | P-939    |                                             | 50.00                                   | 576555.000       | 2981846.000 |
| 3.   | BH-341 | P-961    |                                             | 50.00                                   | -                | -           |
| 4.   | BH-342 | P-965    |                                             | 50.00                                   | 576597.000       | 2982636.000 |
| 5.   | BH-343 | -        |                                             | 50.00                                   | 576612.000       | 2982745.000 |
| 6.   | BH-344 | -        | Not encountered                             | 50.00                                   | 576626.000       | 2982827.000 |
| 7.   | BH-345 | P-971    |                                             | 50.00                                   | -                | -           |
| 8.   | BH-346 | P-975    |                                             | 50.00                                   | -                | -           |
| 9.   | BH-347 | P-978    |                                             | 50.00                                   | -                | -           |
| 10.  | BH-348 | P-982    |                                             | 50.00                                   | -                | -           |
| 11.  | BH-349 | P-985    | Not encountered                             | 50.00                                   | -                | -           |
| 12.  | BH-351 | P-992    |                                             | 50.00                                   | 576541.000       | 2983343.000 |
| 13.  | BH-352 | P-996    |                                             | 50.00                                   | 576536.000       | 2983449.000 |
| 14.  | BH-353 | P-999    |                                             | 50.00                                   | 576533.000       | 2983536.000 |
| 15.  | BH-354 | P-1003   |                                             | 50.00                                   | 576526.000       | 2983650.000 |
| 16.  | BH-355 | P-1006   | Not encountered                             | 50.00                                   | 576526.000       | 2983726.000 |
| 17.  | BH-356 | P-1010   |                                             | 50.00                                   | 576546.000       | 2983843.000 |
| 18.  | BH-357 | P-1013   |                                             | 50.00                                   | 576579.000       | 2983934.000 |
| 19.  | BH-358 | P-1016   |                                             | 50.00                                   | 576606.000       | 2984014.000 |
| 20.  | BH-359 | -        |                                             | 50.00                                   | 576644.000       | 2984105.000 |
| 21.  | BH-360 | 34+300   | Not encountered                             | 50.00                                   | 576658.000       | 2984158.000 |
| 22.  | BH-418 | P-1197   |                                             | 50.00                                   | 576266.000       | 2989662.000 |
| 23.  | BH-426 | DCP-1    |                                             | 34.00                                   | 576278.000       | 2989946.000 |
| 24.  | BH-434 | -        | 2.00(Seepage Water)                         | 15.00                                   | 576990.000       | 2990018.000 |
| 25.  | BH-435 | -        | 2.10(Seepage Water)                         | 13.50                                   | 577080.000       | 2990049.000 |

## **2.2 GENERAL GEOLOGY**

### **2.2.1 LOCATION**

The study area is located within the eastern margin of the Aravalli Craton in Jaipur, Rajasthan, forming a part of the northwestern Indian Shield. The geology of the region is predominantly characterized by Precambrian rock formations comprising quartzites, schists, phyllites, granites, and gneisses, which are generally hard, compact, and crystalline in nature. The area also contains occurrences of alluvial deposits in low-lying zones. The regional topography is undulating, with elevation generally ranging from approximately 400 meters to 600 meters above Mean Sea Level.

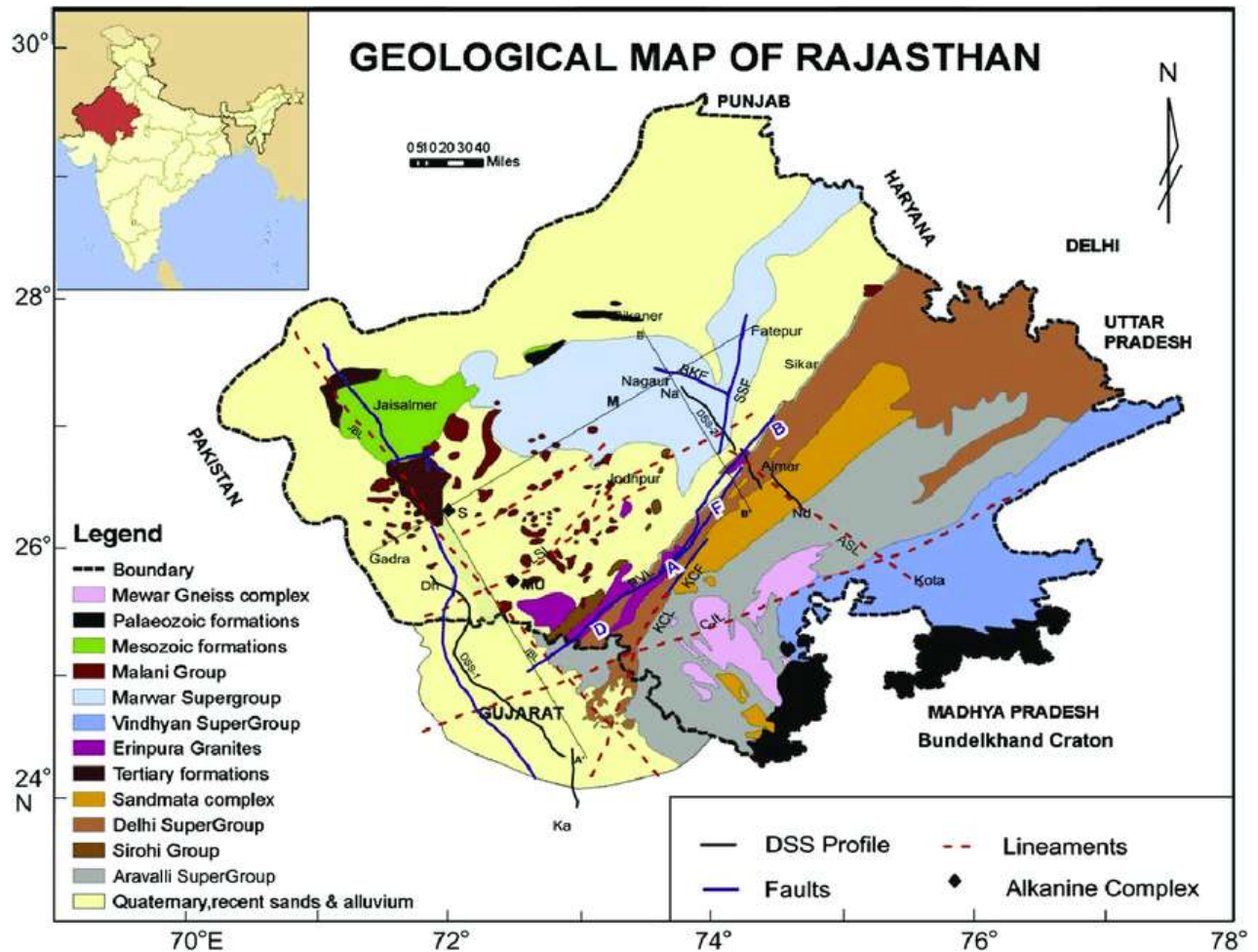
### **2.2.2 CLIMATE**

The project area, located in Jaipur district of Rajasthan, experiences a semi-arid climate characterized by extremely hot summers, mild winters, and a short monsoon season. Temperatures generally range from approximately 5°C in winter to 45°C during peak summer months, with May and June being the hottest period. The region receives an average annual rainfall of about 500 to 700 mm, mainly during the southwest monsoon from July to September. Relative humidity remains low for most of the year, increasing during the monsoon season. Wind conditions are generally dry and moderate, with occasional dust storms during summer. These climatic conditions play an important role in geotechnical aspects such as foundation design, groundwater fluctuation, drainage planning, and construction scheduling.

### **2.2.3 GEOLOGY**

“The subsurface conditions at the Jaipur location are predominantly composed of sandy silt, silty sand, and clayey soil with varying proportions of gravel and weathered rock fragments. The upper strata generally exhibit moderate weathering and loose to medium dense soil conditions, underlain by residual soils derived from quartzite, schist, and granite gneiss formations of the Aravalli terrain. The weathered zone gradually transitions into comparatively competent geological formations at greater depths, with occasional joints and fractures observed in the parent material.”

The Geological formation of the Rajasthan is as follows:

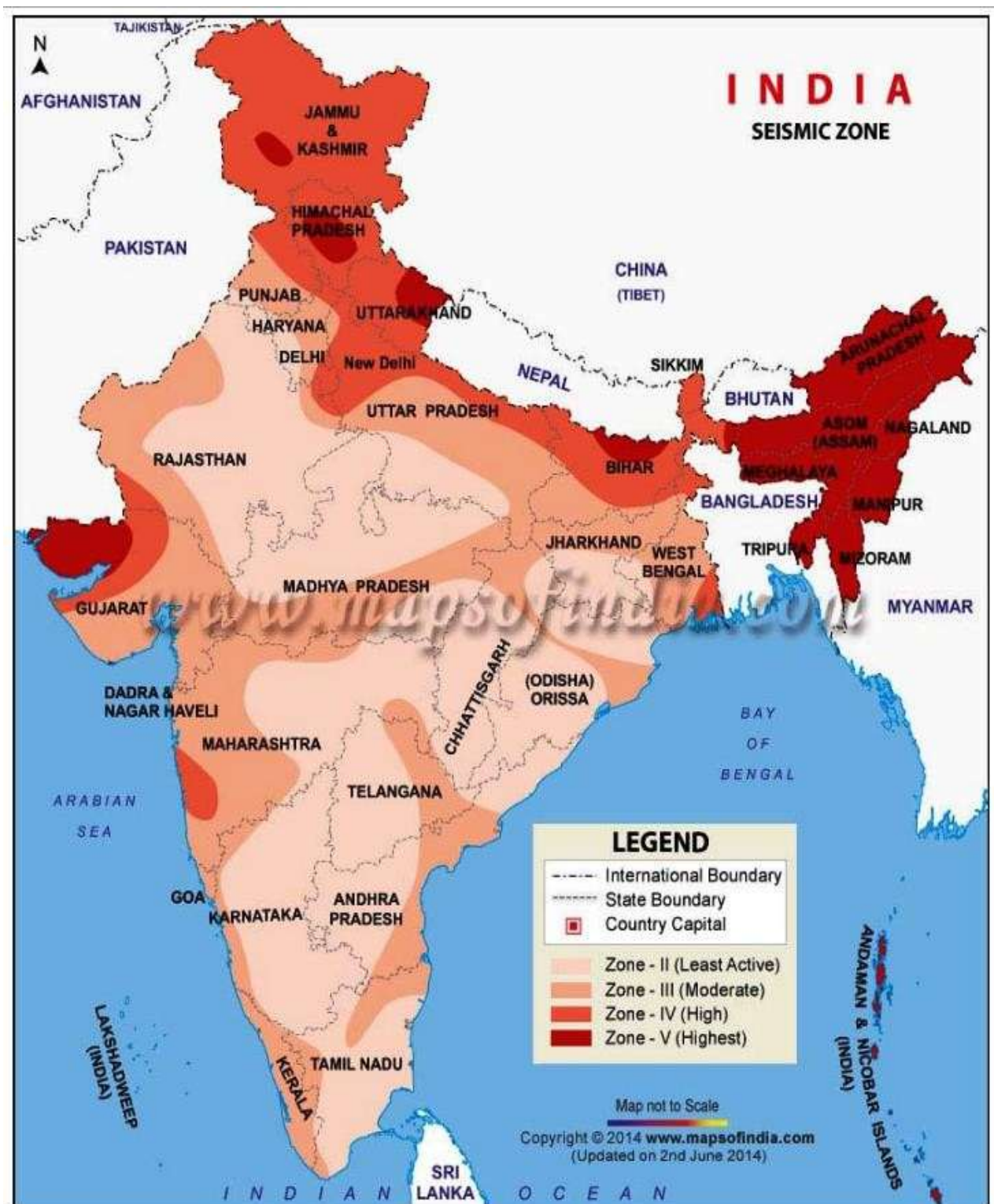


**Fig. 1: Geological map of Rajasthan**

## 2.2.4 Seismicity

The site of proposed project is located at **Jagatpura, Jaipur** in the State of **Rajasthan** falls in seismic zone – II (Zone factor=0.10) of India as per Is : 1893 (Part-1)-2016.

Seismicity Map of India is shown below:-



### Fig. 2: Seismicity Map of India

The field and laboratory test described in Chapter 3.

## **CHAPTER 3 FIELD AND LABORATORY TEST PROCEDURE**

### **3.1 FIELD INVESTIGATION:**

For geotechnical investigation work, hydraulic or mechanical drilling rigs were installed at the specified borehole locations along with the required men and machineries for conducting the requisite field work. The equipment was relocated from one test site to another during the fieldwork, and was demobilized upon the satisfactory completion of each respective borehole.

For conducting the field investigations the following practices were followed at site:

- In soil, boreholes of 150 mm dia. were drilled as per the standard procedure laid in IS: 1892. Wherever rocky strata was encountered before achieving the required depth below E.G.L., bore holes were further extended beyond refusal through soft and hard rock using Hydraulic drilling Rigs with Nx size double tube core barrel or diamond bits upto required depth below the EGL and were terminated as per the instruction of Engr. in-charge.
- Borehole was properly cleaned before taking any sample in soil.
- Standard Penetration Tests and collection of undisturbed or disturbed soil samples were carried out as per the specification IS: 2131 and IS: 2132. The same has been discussed in detail in soil and Rock characteristics attached with the report.
- Ground water table was measured as per IS: 6935-1973. The depth of ground water level was to be measured after 24 hours of completion of borehole.

#### **3.1.1 IN SOIL STRATA**

##### **(i) Standard Penetration Test**

The Standard Penetration Tests were conducted in boreholes as per IS 2131. Each test was carried out using the standard split spoon sampler carrying manual hammer to measure the number of blows ‘N’.

Standard split spoon sampler was attached to an ‘A’ rod. It was driven from borehole bottom to a distance of 45 cm using a standard hammer of 63.5 kg falling freely from a height of 75 cm to the required depth. While driving, the number of blows required to penetrate every 15 cm are recorded. The total number of blows required for the last 30 cm is taken as ‘N’ value at that particular depth of the borehole. Wherever the total penetration was less than 45cm, the no. of blows & the depth penetrated is recorded in the respective borelog.

SPT ‘N’ values were correlated with relative density of non-cohesive stratum and with consistency of cohesive stratum as given below:-

**Table 3.1: Soil compactness as per SPT N values**

| Correlation for Clay / Plastic silt |                       | Correlation for Sand / Non-Plastic silt |                       |
|-------------------------------------|-----------------------|-----------------------------------------|-----------------------|
| Consistency                         | Penetration Value (N) | Compactness                             | Penetration Value (N) |
| Very Soft                           | 0 - 2                 | Very Loose                              | 0 - 4                 |
| Soft                                | 2 - 4                 | Loose                                   | 4 - 10                |
| Medium                              | 4 - 8                 | Medium                                  | 10 - 30               |
| Stiff                               | 8 - 15                | Dense                                   | 30 - 50               |
| Very Stiff                          | 15 - 30               | Very Dense                              | > 50                  |
| Hard                                | > 30                  |                                         |                       |

**(ii) The field SPT N values were corrected as per the guidelines given in IS: 2131 as follows:**

**(a) For overburden:** - The N value for cohesionless soil is corrected with the help of fig. 1 given in IS-2131.

**(b) Due to dilatancy :-** Wherever N values observed below water table in fine sand, silty sand or silt was greater than 15, then corrected N values were corrected as under:

$$N' = 15 + \frac{1}{2} (N-15)$$

**(iii) Disturbed Sampling (Soil) in boreholes**

Disturbed soil samples each weighing approx. 1kg. were collected starting from a depth of 0.5m depth below EGL and at every identifiable change of strata. Samples were immediately sealed, labeled and carefully transported to the laboratory for testing.

**(iv) Undisturbed Sampling (Soil) in boreholes**

Undisturbed samples were collected at 3.0 m intervals using 100 mm diameter and 450 mm long MS tubes with Area ratio as specified as per clause 4.1.1 (c) of IS: 1892 (latest) provided with sampler head with ball and socket arrangement. Before taking any sample, sampling tube was properly greased. Immediately after taking on undisturbed sample in a tube, the adopter head was removed along with the disturbed material. The visible ends of the sample were trimmed off any wet disturbed soil. The ends were coated alternately with four layers of just molten wax. More molten wax was added to give a total thickness of min. 25 mm. The samples were carefully labeled and transported to the laboratory for testing. Undisturbed samples wherever slipped during lifting were duly marked in the field logs as well as in the soil profile.

### 3.1.2 GROUND WATER TABLE DEPTH

During the field investigation conducted in August & September 2026, the groundwater table was encountered in some of the borehole locations. However seepage water has encountered at a depth of 2.00m-2.10m at some locations.

## 3.2 LABORATORY INVESTIGATIONS:

### i. Laboratory Tests For Soil Samples

Summary of various laboratory test conducted on selected Undisturbed/Disturbed is given below:

**Table 3.4: Description of Tests on Soil Samples**

| Description of Test                                                                                                             | Reference                                                         | Undisturbed (UDS) Soil Samples | Disturbed (DS/SPT) Soil Samples |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------|---------------------------------|
| Grain Size Analysis / Hydrometer                                                                                                | IS: 2720 (Part - 4)                                               | ✓                              | ✓                               |
| Natural Moisture Content / Bulk / Dry density                                                                                   | IS : 2720 (Part – 2)                                              | ✓                              | -                               |
| Atterberg Limits <ul style="list-style-type: none"> <li>Liquid Limit</li> <li>Plastic Limit</li> <li>Shrinkage Limit</li> </ul> | IS: 2720 (Part - 5)<br>IS: 2720 (Part - 5)<br>IS: 2720 (Part - 6) | ✓<br>✓<br>-                    | ✓<br>✓<br>-                     |
| Specific Gravity                                                                                                                | IS : 2720 (Part – 3)                                              | ✓                              | ✓                               |
| Direct Shear Test                                                                                                               | IS : 2720 (Part – 13)                                             | ✓                              | ✓                               |
| Triaxial compressive shear test                                                                                                 | IS : 2720 (Part – 11)                                             | ✓                              | ✓                               |
| Chemical Analysis of Soil Samples                                                                                               | IS : 2720 (Part – 22, 26, 27)                                     | ✓                              | -                               |

### ii. Grain Size Analysis:

The Grain Size analysis test were performed in accordance with IS 2720 (Part 4) – 1965. For this test an oven dry pulverized soil sample is sieved through the set of sieves 19mm, 10mm, 4.75mm, 2.0mm, 425 micron, 75micron. The amounts of soil retained on each sieve were noted down. The % retained, cumulative % retained and % passing are computed accordingly. If the % passing 75 micron sieve is significant, Hydrometer method is used to find the percentage of silt and clay fraction. Hydrometer were performed in as per IS 2720 (Part 4) – 1965. The results are attached in Appendix B.

### iii. Liquid Limit (IS:2720- Part-5)

#### By Cone Penetrometer Method

Liquid limit by cone penetrometer test were performed in accordance with IS 2720 (Part 5) – 1985. The tests were conducted, at varying water contents, in order to produce a series of cone penetrations (usually 4) in the range 15mm to 25mm. The resulting cone penetrations are plotted verses the water content of the test specimens. The Liquid Limit (WL) is read off the graph, being the water content at which the line of best fit through the test points crosses 20mm penetration.

**iv. Plastic Limit:**

Plastic Limit test were performed as per IS:2720-Part-5. The sample rolled between the fingers of one hand and the glass plate with pressure sufficient to reduce the mass into a thread of about 3 mm in 5 to 10 complete forward and back movements until the thread starts just crumbling at a diameter of 3 mm.

**v. Plasticity Index**

The plasticity index  $I_p$  is given by

$$I_p = WL - WP \text{ (in percent)}$$

**vi. Specific Gravity**

Specific gravity test were performed in accordance with IS 2720 (Part 3 Section-1) – 1980. The results are attached in Appendix B.

**vii. Direct Shear Test**

Direct shear tests were performed as per IS 2720 (Part XIII)-2015, on the undisturbed soil samples obtained during the field investigation. For this test shear box test apparatus was used. The specimen of size 6 cm x 6 cm x 2.4 cm was used. The normal stresses of 0.5 kg/cm<sup>2</sup>, 1.0 kg/cm<sup>2</sup>, 1.5 kg/cm<sup>2</sup>, 2.0 kg/cm<sup>2</sup> and 3.0 kg/cm<sup>2</sup> respectively were used.

**viii. Triaxial Shear Test**

Triaxial Shear Test under Unconsolidated Un-drained (UU) condition as per IS: 2720 (Part-11)-2011 were performed on the undisturbed soil samples obtained during the field investigation. All specimen of size 38mm diameter and 76mm height were used. The axial loading was applied at 1.25 mm/min rate of strain. The normal stresses applied were 0.5 kg/cm<sup>2</sup>, 1.0 kg/cm<sup>2</sup>, 1.5 kg/cm<sup>2</sup>, 2.0 kg/cm<sup>2</sup> and 3.0 kg/cm<sup>2</sup> respectively.

## CHAPTER 4 ANALYSIS OF TEST RESULTS

### 4.1 STRATIFICATION

The study of the borehole logs of 25 BHs, the soil and rock stratification is done as per IS 1498., the details of strata and soil classification, are provided in table 4.1.

**Table 4.1: Strata Description**

| BH. No | Depth (m) |       | Description                                             |
|--------|-----------|-------|---------------------------------------------------------|
|        | From      | To    |                                                         |
| BH-333 | 0.00      | 3.00  | Filled up Soil                                          |
|        | 3.00      | 19.50 | Medium Dense, Brown to Grey, Silty Sand                 |
|        | 19.50     | 33.00 | Dense to Very Dense, Brown to Grey, Silty Sand          |
|        | 33.00     | 50.00 | Very Dense, Brown to Grey, Poorly Graded Sand with silt |
| BH-334 | 0.00      | 3.00  | Filled up Soil                                          |
|        | 3.00      | 16.50 | Medium Dense to Dense, Brown to Grey, Silty Sand        |
|        | 16.50     | 34.50 | Very Dense, Brown to Grey, Silty Sand                   |
|        | 34.50     | 50.00 | Very Dense, Brown to Grey, Poorly Graded Sand with silt |
| BH-341 | 0.00      | 9.00  | Medium Dense, Brownish, Silty Sand                      |
|        | 9.00      | 19.50 | Dense, Brownish, Silty Sand                             |
|        | 19.50     | 50.00 | Very Dense, Brownish, Silty Sand                        |
| BH-342 | 0.00      | 3.00  | Filled Up soil consist of Silty Sand                    |
|        | 3.00      | 13.50 | Medium Dense, Brownish, Silty Sand                      |
|        | 13.50     | 22.50 | Dense, Brownish, Silty Sand                             |
|        | 22.50     | 50.00 | Very Dense, Brownish, Silty Sand                        |
| BH-343 | 0.00      | 3.00  | Filled Up soil consist of Silty Sand                    |
|        | 3.00      | 15.00 | Medium Dense, Brownish, Silty Sand                      |
|        | 15.00     | 25.50 | Dense, Brownish, Silty Sand                             |
|        | 25.50     | 50.00 | Very Dense, Brownish, Silty Sand                        |
| BH-344 | 0.00      | 3.00  | Filled Up soil consist of Silty Sand                    |
|        | 3.00      | 13.50 | Medium Dense, Brownish, Silty Sand                      |
|        | 13.50     | 22.50 | Dense, Brownish, Silty Sand                             |
|        | 22.50     | 50.00 | Very Dense, Brownish, Silty Sand                        |
| BH-345 | 0.00      | 3.00  | Filled up Soil                                          |
|        | 3.00      | 13.50 | Medium Dense, Brownish, Silty Sand                      |
|        | 13.50     | 24.00 | Dense, Brownish to Grey, Silty Sand                     |
|        | 24.00     | 50.00 | Very Dense, Greyish Brown, Silty Sand                   |
| BH-346 | 0.00      | 3.00  | Filled up Soil                                          |
|        | 3.00      | 8.50  | Medium Dense, Brownish, Silty Sand                      |
|        | 8.50      | 19.50 | Dense, Brownish to Grey, Silty Sand                     |
|        | 19.50     | 50.00 | Very Dense, Greyish Brown, Silty Sand                   |
| BH-347 | 0.00      | 3.00  | Filled up Soil                                          |
|        | 3.00      | 10.50 | Medium Dense, Brownish, Silty Sand                      |
|        | 10.50     | 21.00 | Dense, Brownish to Grey, Silty Sand                     |
|        | 21.00     | 50.00 | Very Dense, Greyish Brown, Silty Sand                   |
| BH-348 | 0.00      | 3.00  | Filled up Soil                                          |
|        | 3.00      | 12.00 | Medium Dense, Brownish, Silty Sand                      |

| BH. No | Depth (m) |       | Description                                       |
|--------|-----------|-------|---------------------------------------------------|
|        | From      | To    |                                                   |
| BH-348 | 12.00     | 21.00 | Dense, Brownish to Grey, Silty Sand               |
|        | 21.00     | 50.00 | Very Dense, Greyish Brown, Silty Sand             |
| BH-349 | 0.00      | 3.00  | Filled up Soil                                    |
|        | 3.00      | 8.50  | Medium Dense, Brownish, Silty Sand                |
|        | 8.50      | 16.50 | Dense, Brownish to Grey, Silty Sand               |
|        | 16.50     | 50.00 | Very Dense, Greyish Brown, Silty Sand             |
| BH-351 | 0.00      | 2.50  | Filled Up soil consist of Silty Sand              |
|        | 2.50      | 13.50 | Medium Dense, Brownish, Silty Sand                |
|        | 13.50     | 25.50 | Dense, Brownish, Silty Sand                       |
|        | 25.50     | 50.00 | Very Dense, Brownish, Silty Sand                  |
| BH-352 | 0.00      | 2.50  | Filled Up soil consist of Silty Sand              |
|        | 2.50      | 12.00 | Medium Dense, Brownish, Silty Sand                |
|        | 12.00     | 24.00 | Dense, Brownish, Silty Sand                       |
|        | 24.00     | 50.00 | Very Dense, Brownish, Silty Sand                  |
| BH-353 | 0.00      | 2.50  | Filled up Soil                                    |
|        | 2.50      | 12.00 | Medium Dense, Brownish, Silty Sand                |
|        | 12.00     | 18.00 | Dense, Brown to Greyish, Silty Sand               |
|        | 18.00     | 50.00 | Very Dense, Greyish Brown, Silty Sand             |
| BH-354 | 0.00      | 2.50  | Filled up Soil                                    |
|        | 2.50      | 10.50 | Medium Dense, Brownish, Silty Sand                |
|        | 10.50     | 21.00 | Dense, Brown to Greyish, Silty Sand               |
|        | 21.00     | 50.00 | Very Dense, Greyish Brown, Silty Sand with Gravel |
| BH-355 | 0.00      | 2.50  | Filled up Soil                                    |
|        | 2.50      | 10.50 | Medium Dense, Brownish, Silty Sand                |
|        | 10.50     | 19.50 | Dense, Brown to Greyish, Silty Sand               |
|        | 19.50     | 50.00 | Very Dense, Greyish Brown, Silty Sand with Gravel |
| BH-356 | 0.00      | 2.50  | Filled up Soil                                    |
|        | 2.50      | 9.00  | Medium Dense, Brownish, Silty Sand                |
|        | 9.00      | 21.00 | Dense, Brown to Greyish, Silty Sand               |
|        | 21.00     | 50.00 | Very Dense, Greyish Brown, Silty Sand with Gravel |
| BH-357 | 0.00      | 2.50  | Filled up Soil                                    |
|        | 2.50      | 12.00 | Medium Dense, Brownish, Silty Sand                |
|        | 12.00     | 24.00 | Dense, Brown to Greyish, Silty Sand               |
|        | 24.00     | 50.00 | Very Dense, Greyish Brown, Silty Sand with Gravel |
| BH-358 | 0.00      | 2.50  | Filled up Soil                                    |
|        | 2.50      | 8.50  | Medium Dense, Brownish, Silty Sand                |
|        | 8.50      | 19.50 | Dense, Brown to Greyish, Silty Sand               |
|        | 19.50     | 50.00 | Very Dense, Greyish Brown, Silty Sand with Gravel |
| BH-359 | 0.00      | 2.50  | Filled up Soil                                    |
|        | 2.50      | 10.50 | Medium Dense, Brownish, Silty Sand                |
|        | 10.50     | 25.50 | Dense, Brown to Greyish, Silty Sand               |
|        | 25.50     | 50.00 | Very Dense, Greyish Brown, Silty Sand with Gravel |
| BH-360 | 0.00      | 2.50  | Filled Up soil consist of Silty Sand              |
|        | 2.50      | 13.50 | Medium Dense, Brownish, Silty Sand                |
|        | 13.50     | 19.50 | Dense, Brownish, Silty Sand                       |

| BH. No | Depth (m) |       | Description                                                             |
|--------|-----------|-------|-------------------------------------------------------------------------|
|        | From      | To    |                                                                         |
|        | 19.50     | 50.00 | Very Dense, Brownish, Silty Sand                                        |
| BH-418 | 0.00      | 2.50  | Filled Up soil                                                          |
|        | 2.50      | 4.50  | Loose, Brownish, Silty Sand                                             |
|        | 4.50      | 13.50 | Medium Dense, Greyish Brown, Silty Sand                                 |
|        | 13.50     | 18.00 | Dense, Greyish Brown, Silty Sand                                        |
|        | 18.00     | 50.00 | Very Dense, Greyish Brown, Silty Sand with Gravel                       |
| BH-426 | 0.00      | 2.50  | Filled up soil                                                          |
|        | 2.50      | 13.50 | Medium Dense to Dense, Brownish, Silty Sand                             |
|        | 13.50     | 24.04 | Very Dense, Greyish Brown, Silty Sand with Gravel                       |
|        | 24.04     | 34.00 | Highly Weathered, Greyish, Very Poor, Medium to Fine Grained, BASALT    |
| BH-434 | 0.00      | 2.50  | Filled up Soil                                                          |
|        | 2.50      | 4.55  | Very Dense, Greyish, Silty Sand with Rock Fragments                     |
|        | 4.55      | 15.00 | Highly Weathered, Greyish, Very Poor, Medium to Fine Grained, QUARTZITE |
| BH-435 | 0.00      | 2.50  | Filled up Soil                                                          |
|        | 2.50      | 3.10  | Very Dense, Greyish, Silty Sand with Rock Fragments                     |
|        | 3.10      | 13.50 | Highly Weathered, Greyish, Very Poor, Medium to Fine Grained, QUARTZITE |

**Abbreviations**

|         |                           |
|---------|---------------------------|
| BH      | Borehole                  |
| EGL     | Existing Ground Level     |
| GWT     | Ground Water Table        |
| RQD     | Rock Quality Designation  |
| IS      | Indian Standards          |
| SPT     | Standard Penetration Test |
| DS      | Disturbed Soil            |
| R.L.    | Reduced Level             |
| m       | Metre                     |
| sp. gr. | Specific Gravity          |
| %       | Percentage                |
| mg /l   | Milligram per litre       |
| mg /kg  | Milligram per kilogram    |

### REFERENCE INDIAN STANDARD CODES

| S.No.      | IS Codes No                     | TITLE                                                                                                       |
|------------|---------------------------------|-------------------------------------------------------------------------------------------------------------|
| 1          | IS : 1892-1979 RA-2016          | Code of Practice for subsurface investigation for foundations.                                              |
| 2          | IS : 1498-1970 RA 2016          | Classification and Identification of soils for general Engineering Purpose.                                 |
| 3          | IS :1904 - 2021                 | Code of practice for design and construction of foundations in soils:General Requirements.                  |
| 4          | IS : 2131-1981 RA 2016          | Method for Standard Penetration Test (SPT) for Soils.                                                       |
| 5          | IS : 2132-1986 RA 2016          | Code of Practice for Thin - Walled tube sampling of Soils.                                                  |
| 6          | IS : 4464-1985 RA 2019          | Code of Practice for presentation of drilling information and core description in foundation investigation. |
| 7          | IS : 5313-1980 RA 2019          | Guide for core drilling observations.                                                                       |
| 8          | IS :5313-2020                   | Guide for core drilling observations.                                                                       |
| 9          | IS : 4078-1980 RA2019           | Code of Practice for indexing and storage of drill cores.                                                   |
| 10         | IS : 6926-1996 RA 2015          | Diamond core drilling – Site investigation for river valley projects - code of Practice.                    |
| 11         | IS : 6935-1973 RA 2019          | Method of determination of water level in a bore hole.                                                      |
| 12         | IS : 15686:2006 RA 2015         | Recommendations for the preparation of Geological and Geotechnical maps for river valley projects.          |
| 13         | IS : 6403 1981 RA 2016          | Code of Practice for Determination of Bearing capacity of shallow foundations                               |
| 14         | IS : 8009 (P-1)-1976 RA 2019    | Code of practice for calculation of Settlements of Foundations                                              |
| 15         | IS: 12070 - 1987 RA 2020        | Code of practice for design and construction of shallow foundations on rocks                                |
| 16         | IS :13365 ( P-1) : 1998 RA 2021 | Quantitative classificationSystems of rock mass — guidelines                                                |
| 17         | IS : 1893 (P-1) 2016            | Criteria for Earthquake resistant design of structures.                                                     |
| 18         | IS : 456- 2000 RA 2016          | Plain and Reinforced Concrete-Code of Practice.                                                             |
| 19         | IRC-78-2024                     | Standard Specifications and Code of Practice for Road Bridges, Foundation & Substructure                    |
| <b>Sr.</b> | <b>BOOK</b>                     | <b>TITLE</b>                                                                                                |
| 1.         | Joseph E. Bowles                | Foundation Analysis and Design                                                                              |

## **APPENDIX – A (FIELD DATA RESULTS)**

| <b>Appendix No.</b> | <b>ITEMS</b>            |
|---------------------|-------------------------|
| A-1                 | FIELD BOREHOLE LOGS     |
| A-2                 | SUBSOIL PROFILE DIAGRAM |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing :2981752 m             | Easting :576554 m      |
| Reduced Level (m):(+) -            | BH. No. :BH-333                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-938 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :30-08-2026          | Date of Completion :03-09-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                      | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|-----------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                         |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up Soil                          | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 2.5       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 9           |                                         |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 14          |                                         |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS*        |             |                                         |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 18          |                                         |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             | Medium Dense, Brown to Grey, Silty Sand | SM                |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 16          |                                         |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-1       |             |                                         |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 22          |                                         |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                         |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2981752 m             | Easting : 576554 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-333                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-938 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 30-08-2026          | Date of Completion : 03-09-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                             | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                                |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 20          |                                                |                   |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 11.5      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 20          |                                                |                   |             |                   |                |                                  |
| 12.5      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 25          |                                                |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 25          | Medium Dense, Brown to Grey, Silty Sand        | SM                |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 27          |                                                |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 27          |                                                |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 33          |                                                |                   |             |                   |                |                                  |
| 20.0      |                                 |             |             | Dense to Very Dense, Brown to Grey, Silty Sand | SM                |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2981752 m             | Easting : 576554 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-333                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-938 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 30-08-2026          | Date of Completion : 03-09-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                             | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                                |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 35          |                                                |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 52          |                                                |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 57          |                                                |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             | Dense to Very Dense, Brown to Grey, Silty Sand | SM                |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 65          |                                                |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 89          |                                                |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 93          |                                                |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                                |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 98          |                                                |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2981752 m             | Easting : 576554 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-333                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-938 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 30-08-2026          | Date of Completion : 03-09-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                      | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                                         |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 100         | Dense to Very Dense, Brown to Grey, Silty Sand          | SM                |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | >100        |                                                         |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | >100        |                                                         |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | >100        |                                                         |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             | Very Dense, Brown to Grey, Poorly Graded Sand with silt | SP-SM             |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | >100        |                                                         |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | >100        |                                                         |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2981752 m             | Easting : 576554 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-333                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-938 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 30-08-2026          | Date of Completion : 03-09-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                      | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                                         |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | >100        |                                                         |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | >100        |                                                         |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | >100        |                                                         |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Brown to Grey, Poorly Graded Sand with silt | SP-SM             |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                                         |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                                         |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 49.5      | 49.5                            | SPT-32      | >100        |                                                         |                   |             |                   |                |                                  |
| 50.0      | 50                              |             |             |                                                         |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2981846 m             | Easting : 576555 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-334                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-939 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 31-08-2026          | Date of Completion : 03-09-2026  |                        |

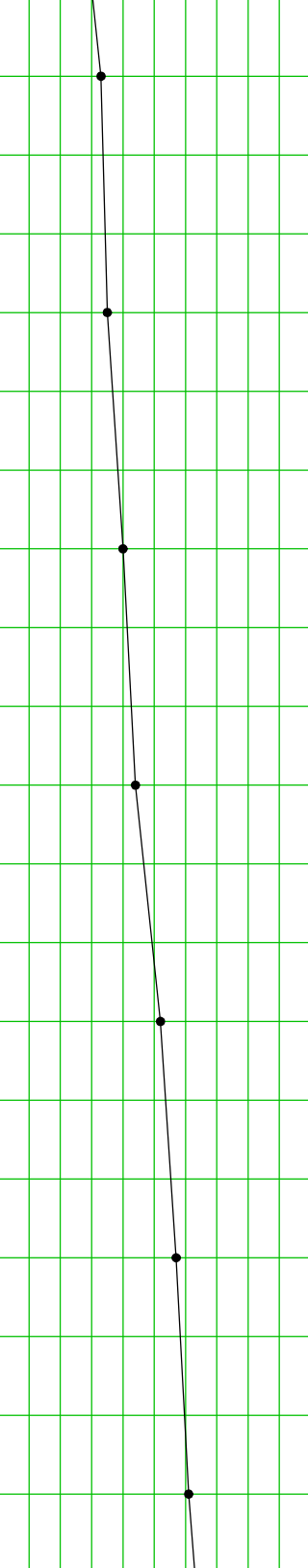
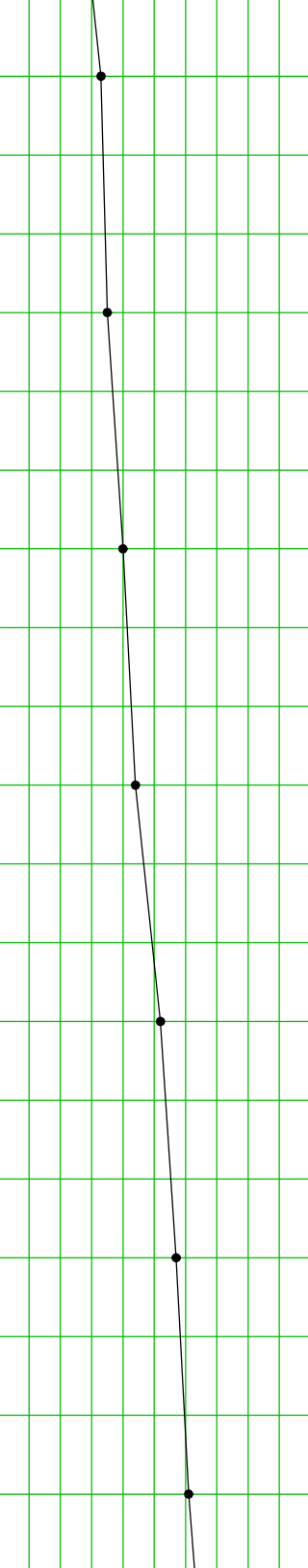
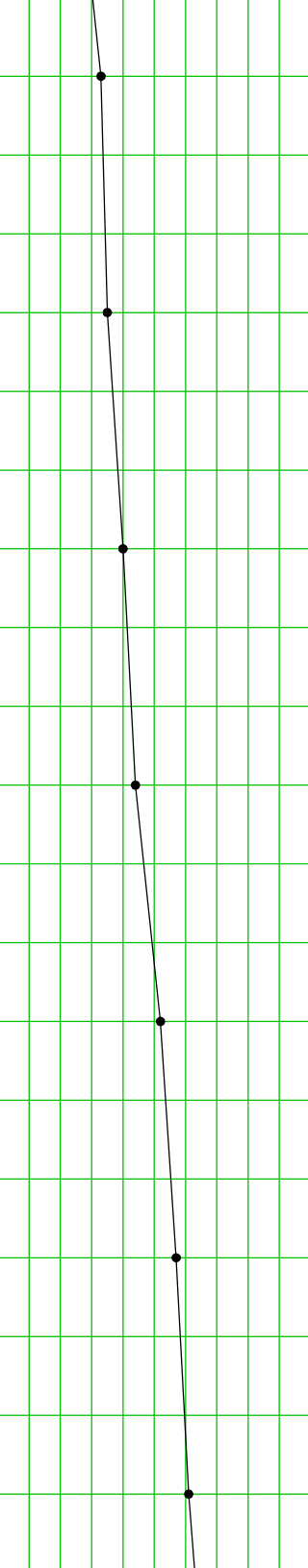
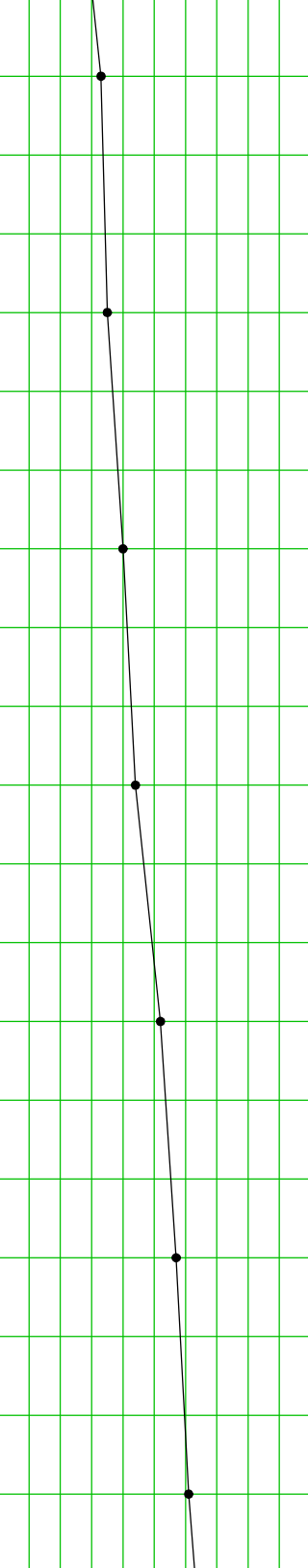
| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|--------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                                  |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                                  |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up Soil                                   | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                                  |                   |             |                   |                |                                  |
| 2.5       |                                 |             |             |                                                  |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 9           |                                                  |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                                  |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                                  |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 14          |                                                  |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                                  |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS*        |             |                                                  |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 17          |                                                  |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             | Medium Dense to Dense, Brown to Grey, Silty Sand | SM                |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                                  |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 21          |                                                  |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                                  |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS*        |             |                                                  |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 25          |                                                  |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                                  |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                                  |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing :2981846 m             | Easting :576555 m      |
| Reduced Level (m):(+) -            | BH. No. :BH-334                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-939 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :31-08-2026          | Date of Completion :03-09-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                               | IS Classification | Graphic Log                                                                         | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)                                                              |
|-----------|---------------------------------|-------------|-------------|--------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|-------------------|----------------|--------------------------------------------------------------------------------------|
| 10.0      |                                 |             |             |                                                  |                   |                                                                                     | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100                                                     |
| 10.5      | 10.5                            | SPT-6       | 33          | Medium Dense to Dense, Brown to Grey, Silty Sand | SM                |   |                   |                |  |
| 11.0      |                                 |             |             |                                                  |                   |                                                                                     |                   |                |                                                                                      |
| 11.5      |                                 |             |             |                                                  |                   |                                                                                     |                   |                |                                                                                      |
| 12.0      | 12                              | SPT-7       | 35          |                                                  |                   |                                                                                     |                   |                |                                                                                      |
| 12.5      |                                 |             |             |                                                  |                   |                                                                                     |                   |                |                                                                                      |
| 13.0      |                                 |             |             | Medium Dense to Dense, Brown to Grey, Silty Sand | SM                |   |                   |                |  |
| 13.5      | 13.5                            | SPT-8       | 40          |                                                  |                   |                                                                                     |                   |                |                                                                                      |
| 14.0      |                                 |             |             |                                                  |                   |                                                                                     |                   |                |                                                                                      |
| 14.5      |                                 |             |             |                                                  |                   |                                                                                     |                   |                |                                                                                      |
| 15.0      | 15                              | SPT-9       | 44          |                                                  |                   |                                                                                     |                   |                |                                                                                      |
| 15.5      |                                 |             |             | Very Dense, Brown to Grey, Silty Sand            | SM                |  |                   |                |  |
| 16.0      |                                 |             |             |                                                  |                   |                                                                                     |                   |                |                                                                                      |
| 16.5      | 16.5                            | SPT-10      | 52          |                                                  |                   |                                                                                     |                   |                |                                                                                      |
| 17.0      |                                 |             |             |                                                  |                   |                                                                                     |                   |                |                                                                                      |
| 17.5      |                                 |             |             |                                                  |                   |                                                                                     |                   |                |                                                                                      |
| 18.0      | 18                              | SPT-11      | 57          | Very Dense, Brown to Grey, Silty Sand            | SM                |  |                   |                |  |
| 18.5      |                                 |             |             |                                                  |                   |                                                                                     |                   |                |                                                                                      |
| 19.0      |                                 |             |             |                                                  |                   |                                                                                     |                   |                |                                                                                      |
| 19.5      | 19.5                            | SPT-12      | 61          |                                                  |                   |                                                                                     |                   |                |                                                                                      |
| 20.0      |                                 |             |             |                                                  |                   |                                                                                     |                   |                |                                                                                      |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

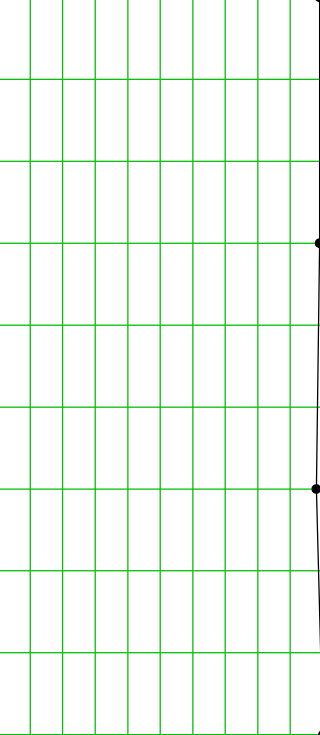
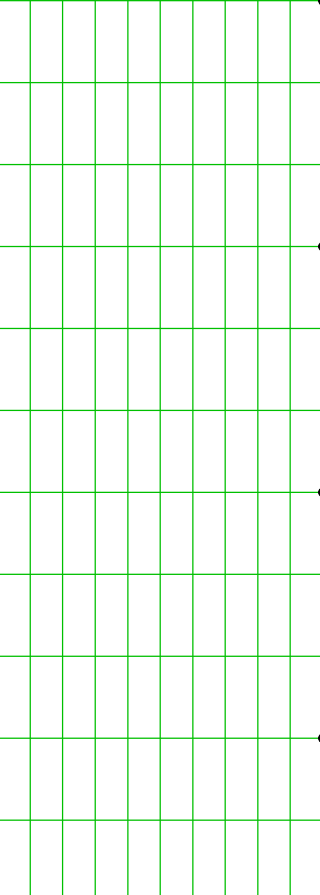
|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2981846 m             | Easting : 576555 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-334                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-939 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 31-08-2026          | Date of Completion : 03-09-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 67          |                                       |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 71          |                                       |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 78          |                                       |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             | Very Dense, Brown to Grey, Silty Sand | SM                |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 84          |                                       |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 89          |                                       |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 93          |                                       |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 99          |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2981846 m             | Easting : 576555 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-334                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-939 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 31-08-2026          | Date of Completion : 03-09-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                      | IS Classification | Graphic Log                                                                         | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)                                                               |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|-------------------|----------------|---------------------------------------------------------------------------------------|
| 30.0      |                                 |             |             |                                                         |                   |                                                                                     | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100                                                      |
| 30.5      |                                 |             |             |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 31.0      |                                 |             |             |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 31.5      | 31.5                            | SPT-20      | 99          | Very Dense, Brown to Grey, Silty Sand                   | SM                |   |                   |                |   |
| 32.0      |                                 |             |             |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 32.5      |                                 |             |             |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 33.0      | 33                              | SPT-21      | 98          |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 33.5      |                                 |             |             |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 34.0      |                                 |             |             |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 34.5      | 34.5                            | SPT-22      | >100        | Very Dense, Brown to Grey, Poorly Graded Sand with silt | SP-SM             |  |                   |                |  |
| 35.0      |                                 |             |             |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 35.5      |                                 |             |             |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 36.0      | 36                              | SPT-23      | >100        |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 36.5      |                                 |             |             |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 37.0      |                                 |             |             |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 37.5      | 37.5                            | SPT-24      | >100        |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 38.0      |                                 |             |             |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 38.5      |                                 |             |             |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 39.0      | 39                              | SPT-25      | >100        |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 39.5      |                                 |             |             |                                                         |                   |                                                                                     |                   |                |                                                                                       |
| 40.0      |                                 |             |             |                                                         |                   |                                                                                     |                   |                |                                                                                       |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2981846 m             | Easting : 576555 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-334                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-939 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 31-08-2026          | Date of Completion : 03-09-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                      | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                                         |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | >100        |                                                         |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | >100        |                                                         |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | >100        |                                                         |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Brown to Grey, Poorly Graded Sand with silt | SP-SM             |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                                         |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                                         |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                                         |                   |             |                   |                |                                  |
| 49.5      | 49.5                            | SPT-32      | >100        |                                                         |                   |             |                   |                |                                  |
| 50.0      | 50                              |             |             |                                                         |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-341                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-961 | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :24-08-2026          | Date of Completion :27-08-2026  |                        |

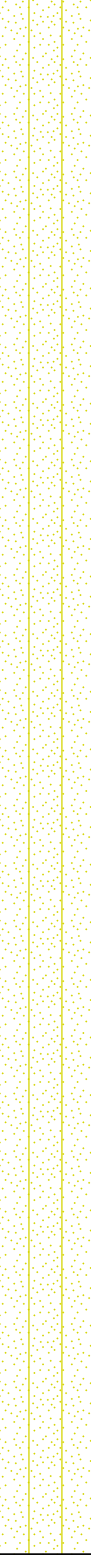
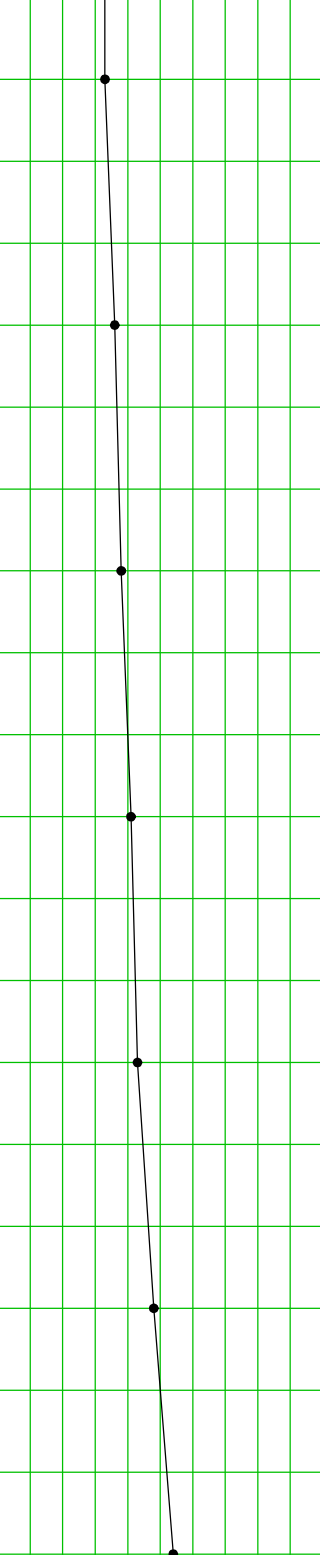
| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                 | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                    |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 2.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 20          |                                    |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 23          | Medium Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS-1       |             |                                    |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 25          |                                    |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 28          |                                    |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-2       |             |                                    |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 33          |                                    |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             | Dense, Brownish, Silty Sand        | SM                |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-341                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-961 | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :24-08-2026          | Date of Completion :27-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log                                                                         | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)                                                              |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------------------------------------------------------------------------------|-------------------|----------------|--------------------------------------------------------------------------------------|
| 10.0      |                                 |             |             |                                  |                   |                                                                                     | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100                                                     |
| 10.5      | 10.5                            | SPT-6       | 33          | Dense, Brownish, Silty Sand      | SM                |   |                   |                |  |
| 11.0      |                                 |             |             |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 11.5      |                                 |             |             |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 12.0      | 12                              | SPT-7       | 36          |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 12.5      |                                 |             |             |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 13.0      |                                 |             |             |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 13.5      | 13.5                            | SPT-8       | 38          |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 14.0      |                                 |             |             |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 14.5      |                                 |             |             |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 15.0      | 15                              | SPT-9       | 41          |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 15.5      |                                 |             |             | Very Dense, Brownish, Silty Sand | SM                |  |                   |                |                                                                                      |
| 16.0      |                                 |             |             |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 16.5      | 16.5                            | SPT-10      | 43          |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 17.0      |                                 |             |             |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 17.5      |                                 |             |             |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 18.0      | 18                              | SPT-11      | 48          |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 18.5      |                                 |             |             |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 19.0      |                                 |             |             |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 19.5      | 19.5                            | SPT-12      | 54          |                                  |                   |                                                                                     |                   |                |                                                                                      |
| 20.0      |                                 |             |             |                                  |                   |                                                                                     |                   |                |                                                                                      |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+)-             | BH. No. :BH-341                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-961 | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :24-08-2026          | Date of Completion :27-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 54          |                                  |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 54          |                                  |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 54          |                                  |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 58          |                                  |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 61          |                                  |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 62          |                                  |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 64          |                                  |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-341                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-961 | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :24-08-2026          | Date of Completion :27-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 67          |                                  |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 73          |                                  |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 75          |                                  |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 79          |                                  |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 87          |                                  |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 88          |                                  |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-341                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-961 | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :24-08-2026          | Date of Completion :27-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 93          |                                  |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | 95          |                                  |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | 98          |                                  |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                  |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                  |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 49.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 50.0      | 50                              | SPT-32      | >100        |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing :2982636 m             | Easting :576597 m      |
| Reduced Level (m):(+) -            | BH. No. :BH-342                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-965 | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :24-08-2026          | Date of Completion :26-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                   | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|--------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                      |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled Up soil consist of Silty Sand | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 2.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 12          |                                      |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 13          |                                      |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS-1       |             |                                      |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 16          |                                      |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             | Medium Dense, Brownish, Silty Sand   | SM                |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 19          |                                      |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-2       |             |                                      |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 22          |                                      |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                      |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing :2982636 m             | Easting :576597 m      |
| Reduced Level (m):(+) -            | BH. No. :BH-342                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-965 | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :24-08-2026          | Date of Completion :26-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                 | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                    |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 25          | Medium Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 11.5      | 11.25                           | UDS*        |             |                                    |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 18          |                                    |                   |             |                   |                |                                  |
| 12.5      |                                 |             |             | Dense, Brownish, Silty Sand        | SM                |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 32          |                                    |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 34          |                                    |                   |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 37          |                                    |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 40          |                                    |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 43          |                                    |                   |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2982636 m             | Easting : 576597 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-342                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-965 | Water Table (m): Not Encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 24-08-2026          | Date of Completion : 26-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 46          | Dense, Brownish, Silty Sand      | SM                |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 50          |                                  |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 52          |                                  |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 55          |                                  |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 58          |                                  |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 60          |                                  |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 63          |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2982636 m             | Easting : 576597 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-342                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-965 | Water Table (m): Not Encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 24-08-2026          | Date of Completion : 26-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 65          |                                  |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 67          |                                  |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 70          |                                  |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 72          |                                  |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 75          |                                  |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 78          |                                  |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2982636 m             | Easting : 576597 m     |
| Reduced Level (m):(+) -             | BH. No. : BH-342                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-965 | Water Table (m): Not Encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 24-08-2026          | Date of Completion : 26-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 81          |                                  |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | 83          |                                  |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | 86          |                                  |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | 88          | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | 90          |                                  |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | 94          |                                  |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 49.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 50.0      | 50                              | SPT-32      | 97          |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                |                                 |                        |
|--------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :32+700   | Northing :2982745 m             | Easting :576612 m      |
| Reduced Level (m):(+) -        | BH. No. :BH-343                 | BH Depth (m):50        |
| Proposed/Existing Structure :- | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary            | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :24-08-2026      | Date of Completion :27-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                   | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|--------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                      |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled Up soil consist of Silty Sand | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 2.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 11          |                                      |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 14          |                                      |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS-1       |             |                                      |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 17          |                                      |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             | Medium Dense, Brownish, Silty Sand   | SM                |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 20          |                                      |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-2       |             |                                      |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 23          |                                      |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                      |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                |                                 |                        |
|--------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :32+700   | Northing :2982745 m             | Easting :576612 m      |
| Reduced Level (m):(+) -        | BH. No. :BH-343                 | BH Depth (m):50        |
| Proposed/Existing Structure :- | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary            | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :24-08-2026      | Date of Completion :27-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                 | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                    |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 26          | Medium Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 11.5      | 11.5                            | UDS*        |             |                                    |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 28          |                                    |                   |             |                   |                |                                  |
| 12.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 13.0      |                                 |             |             | Dense, Brownish, Silty Sand        | SM                |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 30          |                                    |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 33          |                                    |                   |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 36          |                                    |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 38          |                                    |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 40          |                                    |                   |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                |                                  |                        |
|--------------------------------|----------------------------------|------------------------|
| BH Location/Chainage : 32+700  | Northing : 2982745 m             | Easting : 576612 m     |
| Reduced Level (m): (+)-        | BH. No. : BH-343                 | BH Depth (m): 50       |
| Proposed/Existing Structure :- | Water Table (m): Not Encountered | Inclination : Vertical |
| Boring type : Rotary           | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 24-08-2026     | Date of Completion : 27-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 43          |                                  |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 46          | Dense, Brownish, Silty Sand      | SM                |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 49          |                                  |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 52          |                                  |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 55          |                                  |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 58          |                                  |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 60          |                                  |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                |                                  |                        |
|--------------------------------|----------------------------------|------------------------|
| BH Location/Chainage : 32+700  | Northing : 2982745 m             | Easting : 576612 m     |
| Reduced Level (m): (+)-        | BH. No. : BH-343                 | BH Depth (m): 50       |
| Proposed/Existing Structure :- | Water Table (m): Not Encountered | Inclination : Vertical |
| Boring type : Rotary           | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 24-08-2026     | Date of Completion : 27-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 63          |                                  |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 66          |                                  |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 69          |                                  |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 72          |                                  |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 75          |                                  |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 78          |                                  |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

BH Location/Chainage :32+700

Northing :2982745 m

Easting :576612 m

Reduced Level (m):(+) -

BH. No. :BH-343

BH Depth (m):50

Proposed/Existing Structure :-

Water Table (m):Not Encountered

Inclination : Vertical

Boring type :Rotary

Dia. of Boring :150/76 mm

Depth of Casing (m) :-

Date of Start :24-08-2026

Date of Completion :27-08-2026

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 80          |                                  |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | 84          |                                  |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | 88          |                                  |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | 93          | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | 98          |                                  |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                  |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 49.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 50.0      | 50                              | SPT-32      | >100        |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                |                                 |                        |
|--------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :327+60   | Northing :2982827 m             | Easting :576626 m      |
| Reduced Level (m):(+) -        | BH. No. :BH-344                 | BH Depth (m):50        |
| Proposed/Existing Structure :- | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary            | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :23-08-2026      | Date of Completion :26-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                   | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|--------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                      |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled Up soil consist of Silty Sand | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 2.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 15          |                                      |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 13          |                                      |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS-1       |             |                                      |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 17          |                                      |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             | Medium Dense, Brownish, Silty Sand   | SM                |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 21          |                                      |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-2       |             |                                      |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 24          |                                      |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                      |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                |                                 |                        |
|--------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :327+60   | Northing :2982827 m             | Easting :576626 m      |
| Reduced Level (m):(+) -        | BH. No. :BH-344                 | BH Depth (m):50        |
| Proposed/Existing Structure :- | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary            | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :23-08-2026      | Date of Completion :26-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                 | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                    |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 27          | Medium Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 11.5      | 11.5                            | UDS*        |             |                                    |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 30          |                                    |                   |             |                   |                |                                  |
| 12.5      |                                 |             |             | Dense, Brownish, Silty Sand        | SM                |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 34          |                                    |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 38          |                                    |                   |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 41          |                                    |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 44          |                                    |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 47          |                                    |                   |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                |                                 |                        |
|--------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :327+60   | Northing :2982827 m             | Easting :576626 m      |
| Reduced Level (m):(+) -        | BH. No. :BH-344                 | BH Depth (m):50        |
| Proposed/Existing Structure :- | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary            | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :23-08-2026      | Date of Completion :26-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 50          | Dense, Brownish, Silty Sand      | SM                |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 53          |                                  |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 56          |                                  |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 59          |                                  |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 62          |                                  |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 65          |                                  |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 67          |                                  |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                |                                 |                        |
|--------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :327+60   | Northing :2982827 m             | Easting :576626 m      |
| Reduced Level (m):(+) -        | BH. No. :BH-344                 | BH Depth (m):50        |
| Proposed/Existing Structure :- | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary            | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :23-08-2026      | Date of Completion :26-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 70          |                                  |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 64          |                                  |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 67          |                                  |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 69          |                                  |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 72          |                                  |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 76          |                                  |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

BH Location/Chainage : 327+60

Northing : 2982827 m

Easting : 576626 m

Reduced Level (m):(+) -

BH. No. : BH-344

BH Depth (m): 50

Proposed/Existing Structure :-

Water Table (m): Not Encountered

Inclination : Vertical

Boring type : Rotary

Dia. of Boring : 150/76 mm

Depth of Casing (m) :-

Date of Start : 23-08-2026

Date of Completion : 26-08-2026

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 79          |                                  |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | 81          |                                  |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | 84          |                                  |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | 86          | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | 90          |                                  |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | 93          |                                  |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 49.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 50.0      | 50                              | SPT-32      | 98          |                                  |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-345                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-971 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :23-08-2026          | Date of Completion :26-08-2026  |                        |

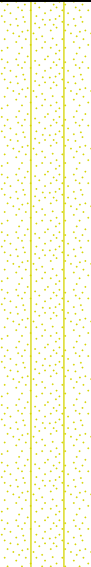
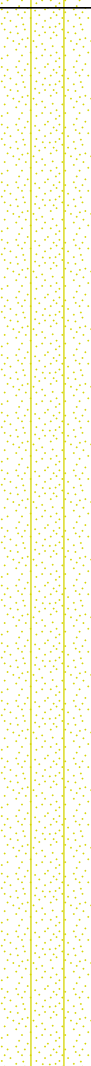
| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                 | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                    |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up Soil                     | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 2.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 15          |                                    |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 9           |                                    |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS-1       |             |                                    |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 13          |                                    |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             | Medium Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 17          |                                    |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-2       |             |                                    |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 21          |                                    |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-345                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-971 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :23-08-2026          | Date of Completion :26-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth ( m ) | Sample Type | SPT N Value | Strata Description                  | IS Classification | Graphic Log                                                                         | Core Recovery (%) |    |    |    |     | RQD (%) |    |    |    |     | (Depth v/s SPT N Value) |    |    |    |    |    |    |    |    |    |     |  |
|-----------|-----------------------------------|-------------|-------------|-------------------------------------|-------------------|-------------------------------------------------------------------------------------|-------------------|----|----|----|-----|---------|----|----|----|-----|-------------------------|----|----|----|----|----|----|----|----|----|-----|--|
| 10.0      |                                   |             |             |                                     |                   |                                                                                     | 0                 | 25 | 50 | 75 | 100 | 0       | 25 | 50 | 75 | 100 | 0                       | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |
| 10.5      | 10.5                              | SPT-6       | 25          | Medium Dense, Brownish, Silty Sand  | SM                |   |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 11.0      |                                   |             |             |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 11.5      | 11.5                              | UDS*        |             |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 12.0      | 12                                | SPT-7       | 28          |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 12.5      |                                   |             |             |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 13.0      |                                   |             |             | Dense, Brownish to Grey, Silty Sand | SM                |  |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 13.5      | 13.5                              | SPT-8       | 31          |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 14.0      |                                   |             |             |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 14.5      |                                   |             |             |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 15.0      | 15                                | SPT-9       | 34          |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 15.5      |                                   |             |             |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 16.0      |                                   |             |             |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 16.5      | 16.5                              | SPT-10      | 38          |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 17.0      |                                   |             |             |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 17.5      |                                   |             |             |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 18.0      | 18                                | SPT-11      | 40          |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 18.5      |                                   |             |             |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 19.0      |                                   |             |             |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 19.5      | 19.5                              | SPT-12      | 42          |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |
| 20.0      |                                   |             |             |                                     |                   |                                                                                     |                   |    |    |    |     |         |    |    |    |     |                         |    |    |    |    |    |    |    |    |    |     |  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+)-             | BH. No. :BH-345                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-971 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :23-08-2026          | Date of Completion :26-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 45          |                                       |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             | Dense, Brownish to Grey, Silty Sand   | SM                |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 49          |                                       |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 52          |                                       |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 55          |                                       |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 57          | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 60          |                                       |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 63          |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-345                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-971 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :23-08-2026          | Date of Completion :26-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 66          |                                       |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 69          |                                       |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 72          |                                       |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 75          |                                       |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 78          |                                       |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 81          |                                       |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-345                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-971 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :23-08-2026          | Date of Completion :26-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 84          |                                       |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | 86          |                                       |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | 89          |                                       |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | 91          | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | 93          |                                       |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | 96          |                                       |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 49.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 50.0      | 50                              | SPT-32      | 99          |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-346                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-975 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :23-08-2026          | Date of Completion :25-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                  | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|-------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                     |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up Soil                      | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 2.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 17          |                                     |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 20          |                                     |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS-1       |             |                                     |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 24          | Medium Dense, Brownish, Silty Sand  | SM                |             |                   |                |                                  |
| 6.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 28          |                                     |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-2       |             |                                     |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 31          | Dense, Brownish to Grey, Silty Sand | SM                |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-346                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-975 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :23-08-2026          | Date of Completion :25-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 34          |                                       |                   |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 11.5      | 11.5                            | UDS*        |             |                                       |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 37          |                                       |                   |             |                   |                |                                  |
| 12.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 39          |                                       |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 42          | Dense, Brownish to Grey, Silty Sand   | SM                |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 45          |                                       |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 48          |                                       |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 52          | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+)-             | BH. No. :BH-346                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-975 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :23-08-2026          | Date of Completion :25-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 56          |                                       |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 58          |                                       |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 62          |                                       |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 65          |                                       |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 68          |                                       |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 72          |                                       |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 75          |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+)-             | BH. No. :BH-346                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-975 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :23-08-2026          | Date of Completion :25-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 78          |                                       |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 81          |                                       |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 84          |                                       |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 87          |                                       |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 91          |                                       |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 93          |                                       |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-346                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-975 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :23-08-2026          | Date of Completion :25-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 97          |                                       |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | 99          |                                       |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | >100        |                                       |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                       |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                       |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 49.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 50.0      | 50                              | SPT-32      | >100        |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+)-             | BH. No. :BH-347                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-978 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :22-08-2026          | Date of Completion :23-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                 | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                    |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up Soil                     | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 2.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 13          |                                    |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 17          |                                    |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS-1       |             |                                    |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 21          |                                    |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             | Medium Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 25          |                                    |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-2       |             |                                    |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 29          |                                    |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-347                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-978 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :22-08-2026          | Date of Completion :23-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                  | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|-------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                     |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 32          | Medium Dense, Brownish, Silty Sand  | SM                |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 11.5      | 11.5                            | UDS*        |             |                                     |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 34          |                                     |                   |             |                   |                |                                  |
| 12.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 37          |                                     |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 40          | Dense, Brownish to Grey, Silty Sand | SM                |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 43          |                                     |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 46          |                                     |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 49          |                                     |                   |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-347                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-978 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :22-08-2026          | Date of Completion :23-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             | Dense, Brownish to Grey, Silty Sand   | SM                |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 51          |                                       |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 55          |                                       |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 58          |                                       |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 61          | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 63          |                                       |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 67          |                                       |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 70          |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+)-             | BH. No. :BH-347                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-978 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :22-08-2026          | Date of Completion :23-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 73          |                                       |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 76          |                                       |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 81          |                                       |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 85          |                                       |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 90          |                                       |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 95          |                                       |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-347                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-978 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :22-08-2026          | Date of Completion :23-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 98          |                                       |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | 99          |                                       |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | >100        |                                       |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                       |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                       |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 49.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 50.0      | 50                              | SPT-32      | >100        |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-348                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-982 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :22-08-2026          | Date of Completion :24-08-2026  |                        |

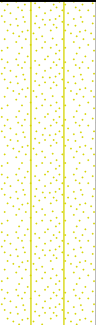
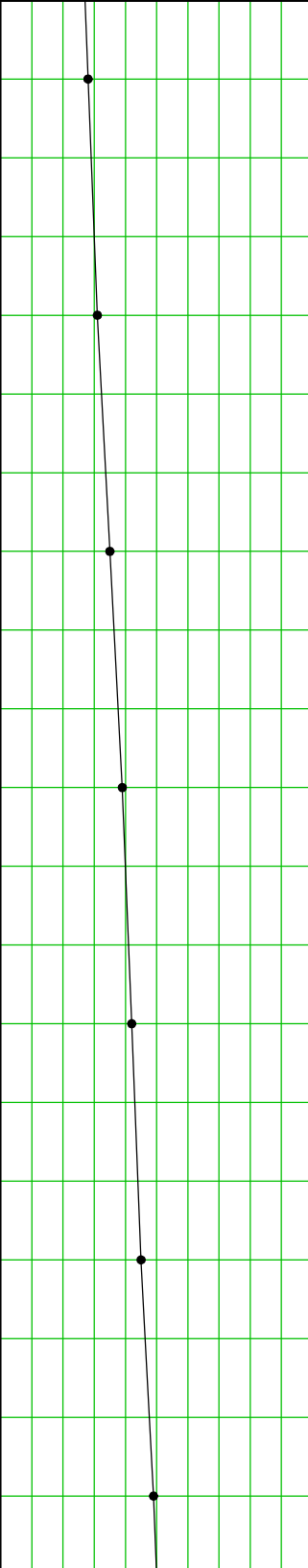
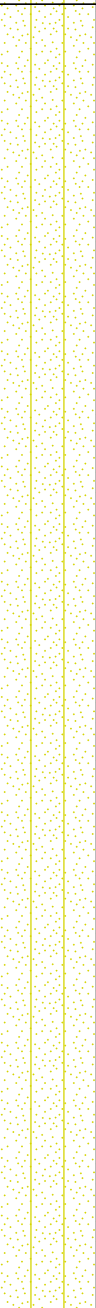
| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                 | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                    |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up Soil                     | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 2.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 18          |                                    |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 14          |                                    |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS-1       |             |                                    |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 18          |                                    |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             | Medium Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 22          |                                    |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-2       |             |                                    |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 25          |                                    |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-348                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-982 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :22-08-2026          | Date of Completion :24-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth ( m ) | Sample Type | SPT N Value | Strata Description                  | IS Classification | Graphic Log                                                                        | Core Recovery (%) | RQD (%)       | (Depth v/s SPT N Value)                                                              |  |
|-----------|-----------------------------------|-------------|-------------|-------------------------------------|-------------------|------------------------------------------------------------------------------------|-------------------|---------------|--------------------------------------------------------------------------------------|--|
| 10.0      |                                   |             |             |                                     |                   |                                                                                    | 0 25 50 75100     | 0 25 50 75100 | 0 10 20 30 40 50 60 70 80 90 100                                                     |  |
| 10.5      | 10.5                              | SPT-6       | 28          | Medium Dense, Brownish, Silty Sand  | SM                |   |                   |               |  |  |
| 11.0      |                                   |             |             |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 11.5      | 11.5                              | UDS*        |             |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 12.0      | 12                                | SPT-7       | 31          | Dense, Brownish to Grey, Silty Sand | SM                |  |                   |               |                                                                                      |  |
| 12.5      |                                   |             |             |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 13.0      |                                   |             |             |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 13.5      | 13.5                              | SPT-8       | 35          |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 14.0      |                                   |             |             |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 14.5      |                                   |             |             |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 15.0      | 15                                | SPT-9       | 39          |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 15.5      |                                   |             |             |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 16.0      |                                   |             |             |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 16.5      | 16.5                              | SPT-10      | 42          |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 17.0      |                                   |             |             |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 17.5      |                                   |             |             |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 18.0      | 18                                | SPT-11      | 45          |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 18.5      |                                   |             |             |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 19.0      |                                   |             |             |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 19.5      | 19.5                              | SPT-12      | 49          |                                     |                   |                                                                                    |                   |               |                                                                                      |  |
| 20.0      |                                   |             |             |                                     |                   |                                                                                    |                   |               |                                                                                      |  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-348                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-982 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :22-08-2026          | Date of Completion :24-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             | Dense, Brownish to Grey, Silty Sand   | SM                |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 52          |                                       |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 55          |                                       |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 58          |                                       |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 62          | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 65          |                                       |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 70          |                                       |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 74          |                                       |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-348                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-982 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :22-08-2026          | Date of Completion :24-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 78          |                                       |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 81          |                                       |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 83          |                                       |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 86          |                                       |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 90          |                                       |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 95          |                                       |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-348                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-982 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :22-08-2026          | Date of Completion :24-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 98          |                                       |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | >100        |                                       |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | >100        |                                       |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                       |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                       |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 49.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 50.0      | 50                              | SPT-32      | >100        |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+)-             | BH. No. :BH-349                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-985 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :21-08-2026          | Date of Completion :23-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                  | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|-------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                     |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up Soil                      | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 2.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 17          |                                     |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 20          |                                     |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS-1       |             |                                     |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 24          | Medium Dense, Brownish, Silty Sand  | SM                |             |                   |                |                                  |
| 6.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 27          |                                     |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-2       |             |                                     |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 32          | Dense, Brownish to Grey, Silty Sand | SM                |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-349                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-985 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :21-08-2026          | Date of Completion :23-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 38          | Dense, Brownish to Grey, Silty Sand   | SM                |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 11.5      | 11.5                            | UDS-3       |             |                                       |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 40          |                                       |                   |             |                   |                |                                  |
| 12.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 13.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 44          |                                       |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 47          |                                       |                   |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 51          |                                       |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 55          |                                       |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 60          |                                       |                   |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-349                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-985 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :21-08-2026          | Date of Completion :23-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 63          |                                       |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 67          |                                       |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 72          |                                       |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 75          |                                       |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 78          |                                       |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 81          |                                       |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 84          |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-349                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-985 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :21-08-2026          | Date of Completion :23-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 86          |                                       |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 89          |                                       |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 92          |                                       |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 94          |                                       |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 96          |                                       |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 99          |                                       |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing : m                    | Easting : m            |
| Reduced Level (m):(+) -            | BH. No. :BH-349                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-985 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :21-08-2026          | Date of Completion :23-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | >100        |                                       |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | >100        |                                       |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | >100        |                                       |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                       |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                       |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 49.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 50.0      | 50                              | SPT-32      | >100        |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing :2983343 m             | Easting :576541 m      |
| Reduced Level (m):(+) -            | BH. No. :BH-351                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-992 | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :21-08-2026          | Date of Completion :22-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                   | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|--------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                      |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled Up soil consist of Silty Sand | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 2.5       | 2.5                             | UDS*        |             |                                      |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 18          |                                      |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 12          |                                      |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS*        |             |                                      |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 15          | Medium Dense, Brownish, Silty Sand   | SM                |             |                   |                |                                  |
| 6.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 18          |                                      |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-1       |             |                                      |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 20          |                                      |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                      |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing :2983343 m             | Easting :576541 m      |
| Reduced Level (m):(+) -            | BH. No. :BH-351                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-992 | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :21-08-2026          | Date of Completion :22-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                 | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                    |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 25          | Medium Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 11.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 28          |                                    |                   |             |                   |                |                                  |
| 12.5      |                                 |             |             | Dense, Brownish, Silty Sand        | SM                |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 31          |                                    |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 34          |                                    |                   |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 37          |                                    |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 40          |                                    |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 43          |                                    |                   |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2983343 m             | Easting : 576541 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-351                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-992 | Water Table (m): Not Encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 21-08-2026          | Date of Completion : 22-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 46          |                                  |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 48          | Dense, Brownish, Silty Sand      | SM                |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 50          |                                  |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 52          |                                  |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 55          |                                  |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 57          |                                  |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 59          |                                  |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing :2983343 m             | Easting :576541 m      |
| Reduced Level (m):(+-)             | BH. No. :BH-351                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-992 | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :21-08-2026          | Date of Completion :22-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 61          |                                  |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 65          |                                  |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 68          |                                  |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 70          |                                  |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 73          |                                  |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 77          |                                  |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2983343 m             | Easting : 576541 m     |
| Reduced Level (m): (+)-             | BH. No. : BH-351                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-992 | Water Table (m): Not Encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 21-08-2026          | Date of Completion : 22-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 80          |                                  |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | 83          |                                  |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | 86          |                                  |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | 90          | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | 94          |                                  |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | 96          |                                  |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 49.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 50.0      | 50                              | SPT-32      | 99          |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing :2983449 m             | Easting :576536 m      |
| Reduced Level (m):( )-             | BH. No. :BH-352                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-996 | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :21-08-2026          | Date of Completion :23-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                   | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|--------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                      |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled Up soil consist of Silty Sand | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 2.5       | 2.5                             | UDS*        |             |                                      |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 17          |                                      |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 19          |                                      |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS-1       |             |                                      |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 21          | Medium Dense, Brownish, Silty Sand   | SM                |             |                   |                |                                  |
| 6.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 23          |                                      |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-2       |             |                                      |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 27          |                                      |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                      |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2983449 m             | Easting : 576536 m     |
| Reduced Level (m):(+) -             | BH. No. : BH-352                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-996 | Water Table (m): Not Encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 21-08-2026          | Date of Completion : 23-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                 | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                    |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 30          | Medium Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 11.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 32          | Dense, Brownish, Silty Sand        | SM                |             |                   |                |                                  |
| 12.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 35          |                                    |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 39          |                                    |                   |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 41          |                                    |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 44          |                                    |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 46          |                                    |                   |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2983449 m             | Easting : 576536 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-352                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-996 | Water Table (m): Not Encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 21-08-2026          | Date of Completion : 23-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 48          |                                  |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             | Dense, Brownish, Silty Sand      | SM                |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 50          |                                  |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 53          |                                  |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 56          |                                  |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 58          | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 61          |                                  |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 64          |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2983449 m             | Easting : 576536 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-352                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-996 | Water Table (m): Not Encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 21-08-2026          | Date of Completion : 23-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 67          |                                  |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 70          |                                  |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 74          |                                  |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 76          |                                  |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 79          |                                  |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 81          |                                  |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                   |                        |
|-------------------------------------|-----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2983449 m              | Easting : 576536 m     |
| Reduced Level (m) : (+)-            | BH. No. : BH-352                  | BH Depth (m) : 50      |
| Proposed/Existing Structure : P-996 | Water Table (m) : Not Encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm        | Depth of Casing (m) :- |
| Date of Start : 21-08-2026          | Date of Completion : 23-08-2026   |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 83          |                                  |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | 85          |                                  |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | 87          |                                  |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | 89          | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | 93          |                                  |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | 96          |                                  |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 49.5      | 49.5                            | SPT-32      | 99          |                                  |                   |             |                   |                |                                  |
| 50.0      | 50                              |             |             |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing :2983536 m             | Easting :576533 m      |
| Reduced Level (m):(+) -            | BH. No. :BH-353                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-999 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :21-08-2026          | Date of Completion :22-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                 | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                    |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up Soil                     | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 2.5       | 2.5                             | UDS*        |             |                                    |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 15          |                                    |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 22          |                                    |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS*        |             |                                    |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 26          |                                    |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             | Medium Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 27          |                                    |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-1       |             |                                    |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 30          |                                    |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2983536 m             | Easting : 576533 m     |
| Reduced Level (m):(+) -             | BH. No. : BH-353                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-999 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 21-08-2026          | Date of Completion : 22-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 30          | Medium Dense, Brownish, Silty Sand    | SM                |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 11.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 31          | Dense, Brown to Greyish, Silty Sand   | SM                |             |                   |                |                                  |
| 12.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 39          |                                       |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 43          |                                       |                   |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 48          |                                       |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 51          | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 53          |                                       |                   |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2983536 m             | Easting : 576533 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-353                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-999 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 21-08-2026          | Date of Completion : 22-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 58          |                                       |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 61          |                                       |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 64          |                                       |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 67          |                                       |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 71          |                                       |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 75          |                                       |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 79          |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2983536 m             | Easting : 576533 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-353                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-999 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 21-08-2026          | Date of Completion : 22-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 77          |                                       |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 80          |                                       |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 83          |                                       |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 85          |                                       |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 87          |                                       |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 89          |                                       |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing :2983536 m             | Easting :576533 m      |
| Reduced Level (m):( )-             | BH. No. :BH-353                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-999 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :21-08-2026          | Date of Completion :22-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                    | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                       |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 94          |                                       |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | 99          |                                       |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | >100        |                                       |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                       |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                       |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                       |                   |             |                   |                |                                  |
| 49.5      | 49.5                            | SPT-32      | >100        |                                       |                   |             |                   |                |                                  |
| 50.0      | 50                              |             |             |                                       |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983650 m             | Easting : 576526 m     |
| Reduced Level (m):(+)-               | BH. No. : BH-354                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1003 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 21-08-2026           | Date of Completion : 22-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                 | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                    |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up Soil                     | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 2.5       | 2.5                             | UDS*        |             |                                    |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 11          |                                    |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 20          |                                    |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS*        |             |                                    |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 22          |                                    |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             | Medium Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 27          |                                    |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-1       |             |                                    |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 29          |                                    |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983650 m             | Easting : 576526 m     |
| Reduced Level (m):(+) -              | BH. No. : BH-354                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1003 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 21-08-2026           | Date of Completion : 22-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                  | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|-------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                     |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 33          | Medium Dense, Brownish, Silty Sand  | SM                |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 11.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 36          |                                     |                   |             |                   |                |                                  |
| 12.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 40          |                                     |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 39          | Dense, Brown to Greyish, Silty Sand | SM                |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 44          |                                     |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 46          |                                     |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 48          |                                     |                   |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983650 m             | Easting : 576526 m     |
| Reduced Level (m):(+)-               | BH. No. : BH-354                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1003 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 21-08-2026           | Date of Completion : 22-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             | Dense, Brown to Greyish, Silty Sand               | SM                |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 53          |                                                   |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 54          |                                                   |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 59          |                                                   |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 62          | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 67          |                                                   |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 70          |                                                   |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 74          |                                                   |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983650 m             | Easting : 576526 m     |
| Reduced Level (m):(+)-               | BH. No. : BH-354                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1003 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 21-08-2026           | Date of Completion : 22-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 76          |                                                   |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 69          |                                                   |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 73          |                                                   |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 76          |                                                   |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 80          |                                                   |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 84          |                                                   |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983650 m             | Easting : 576526 m     |
| Reduced Level (m):(+)-               | BH. No. : BH-354                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1003 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 21-08-2026           | Date of Completion : 22-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 92          |                                                   |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | 97          |                                                   |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | 99          |                                                   |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                                   |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                                   |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 49.5      | 49.5                            | SPT-32      | >100        |                                                   |                   |             |                   |                |                                  |
| 50.0      | 50                              |             |             |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983726 m             | Easting : 576526 m     |
| Reduced Level (m):(+)-               | BH. No. : BH-355                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1006 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 19-08-2026           | Date of Completion : 20-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                 | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                    |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up Soil                     | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 2.5       | 2.5                             | UDS*        |             |                                    |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 14          |                                    |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 19          |                                    |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS*        |             |                                    |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 16          |                                    |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             | Medium Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 22          |                                    |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-1       |             |                                    |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 19          |                                    |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983726 m             | Easting : 576526 m     |
| Reduced Level (m):(+) -              | BH. No. : BH-355                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1006 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 19-08-2026           | Date of Completion : 20-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 31          | Medium Dense, Brownish, Silty Sand                | SM                |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 11.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 38          |                                                   |                   |             |                   |                |                                  |
| 12.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 36          |                                                   |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 44          | Dense, Brown to Greyish, Silty Sand               | SM                |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 48          |                                                   |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 49          |                                                   |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 52          | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983726 m             | Easting : 576526 m     |
| Reduced Level (m):(+)-               | BH. No. : BH-355                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1006 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 19-08-2026           | Date of Completion : 20-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 59          |                                                   |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 61          |                                                   |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 69          |                                                   |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 75          |                                                   |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 82          |                                                   |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 87          |                                                   |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 93          |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                     |                                 |                        |
|-------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :              | Northing :2983726 m             | Easting :576526 m      |
| Reduced Level (m):(+-)              | BH. No. :BH-355                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-1006 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                 | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :19-08-2026           | Date of Completion :20-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 90          |                                                   |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 83          |                                                   |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 90          |                                                   |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 92          |                                                   |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 94          |                                                   |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 96          |                                                   |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983726 m             | Easting : 576526 m     |
| Reduced Level (m):(+)-               | BH. No. : BH-355                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1006 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 19-08-2026           | Date of Completion : 20-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 98          |                                                   |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | >100        |                                                   |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | >100        |                                                   |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                                   |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                                   |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 49.5      | 49.5                            | SPT-32      | >100        |                                                   |                   |             |                   |                |                                  |
| 50.0      | 50                              |             |             |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983843 m             | Easting : 576546 m     |
| Reduced Level (m):(+) -              | BH. No. : BH-356                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1010 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 19-08-2026           | Date of Completion : 20-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                  | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|-------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                     |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up Soil                      | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 2.5       | 2.5                             | UDS*        |             |                                     |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 17          |                                     |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 23          |                                     |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS*        |             |                                     |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 26          | Medium Dense, Brownish, Silty Sand  | SM                |             |                   |                |                                  |
| 6.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 28          |                                     |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-1       |             |                                     |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 31          |                                     |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             | Dense, Brown to Greyish, Silty Sand | SM                |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983843 m             | Easting : 576546 m     |
| Reduced Level (m):(+) -              | BH. No. : BH-356                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1010 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 19-08-2026           | Date of Completion : 20-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                  | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|-------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                     |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 33          |                                     |                   |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 11.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 35          |                                     |                   |             |                   |                |                                  |
| 12.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 34          |                                     |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 36          | Dense, Brown to Greyish, Silty Sand | SM                |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 40          |                                     |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 41          |                                     |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 46          |                                     |                   |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                     |                                 |                        |
|-------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :              | Northing :2983843 m             | Easting :576546 m      |
| Reduced Level (m):(+) -             | BH. No. :BH-356                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-1010 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                 | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :19-08-2026           | Date of Completion :20-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             | Dense, Brown to Greyish, Silty Sand               | SM                |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 50          |                                                   |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 53          |                                                   |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 56          |                                                   |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 58          | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 62          |                                                   |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 64          |                                                   |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 70          |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983843 m             | Easting : 576546 m     |
| Reduced Level (m): (+)-              | BH. No. : BH-356                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1010 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 19-08-2026           | Date of Completion : 20-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 73          |                                                   |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 76          |                                                   |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 79          |                                                   |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 82          |                                                   |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 85          |                                                   |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 88          |                                                   |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983843 m             | Easting : 576546 m     |
| Reduced Level (m):(+) -              | BH. No. : BH-356                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1010 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 19-08-2026           | Date of Completion : 20-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 92          |                                                   |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | 97          |                                                   |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | 99          |                                                   |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                                   |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                                   |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 49.5      | 49.5                            | SPT-32      | >100        |                                                   |                   |             |                   |                |                                  |
| 50.0      | 50                              |             |             |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983934 m             | Easting : 576579 m     |
| Reduced Level (m): (+)-              | BH. No. : BH-357                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1013 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 18-08-2026           | Date of Completion : 19-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                 | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                    |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up Soil                     | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 2.5       | 2.5                             | UDS*        |             |                                    |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 11          |                                    |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 15          |                                    |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS*        |             |                                    |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 19          |                                    |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             | Medium Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 22          |                                    |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-1       |             |                                    |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 25          |                                    |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983934 m             | Easting : 576579 m     |
| Reduced Level (m):(+) -              | BH. No. : BH-357                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1013 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 18-08-2026           | Date of Completion : 19-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                  | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|-------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                     |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 29          | Medium Dense, Brownish, Silty Sand  | SM                |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 11.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 30          |                                     |                   |             |                   |                |                                  |
| 12.5      |                                 |             |             | Dense, Brown to Greyish, Silty Sand | SM                |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 34          |                                     |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 37          |                                     |                   |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 39          |                                     |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 41          |                                     |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 44          |                                     |                   |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983934 m             | Easting : 576579 m     |
| Reduced Level (m):(+)-               | BH. No. : BH-357                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1013 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 18-08-2026           | Date of Completion : 19-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 47          |                                                   |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             | Dense, Brown to Greyish, Silty Sand               | SM                |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 49          |                                                   |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 52          |                                                   |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 55          |                                                   |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 61          | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 63          |                                                   |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 66          |                                                   |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983934 m             | Easting : 576579 m     |
| Reduced Level (m):(+)-               | BH. No. : BH-357                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1013 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 18-08-2026           | Date of Completion : 19-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 69          |                                                   |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 71          |                                                   |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 75          |                                                   |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 79          |                                                   |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 84          |                                                   |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 91          |                                                   |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2983934 m             | Easting : 576579 m     |
| Reduced Level (m):(+)-               | BH. No. : BH-357                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1013 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 18-08-2026           | Date of Completion : 19-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 94          |                                                   |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | 99          |                                                   |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | >100        |                                                   |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                                   |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                                   |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 49.5      | 49.5                            | SPT-32      | >100        |                                                   |                   |             |                   |                |                                  |
| 50.0      | 50                              |             |             |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                     |                                 |                        |
|-------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :              | Northing :2984014 m             | Easting :576606 m      |
| Reduced Level (m):(+) -             | BH. No. :BH-358                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-1016 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                 | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :18-08-2026           | Date of Completion :19-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                  | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|-------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                     |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up Soil                      | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 2.5       | 2.5                             | UDS*        |             |                                     |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 15          |                                     |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 21          |                                     |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS*        |             | Medium Dense, Brownish, Silty Sand  | SM                |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 27          |                                     |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 30          |                                     |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-1       |             |                                     |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 34          | Dense, Brown to Greyish, Silty Sand | SM                |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2984014 m             | Easting : 576606 m     |
| Reduced Level (m):(+) -              | BH. No. : BH-358                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1016 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 18-08-2026           | Date of Completion : 19-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 38          |                                                   |                   |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 11.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 40          |                                                   |                   |             |                   |                |                                  |
| 12.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 42          |                                                   |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 44          | Dense, Brown to Greyish, Silty Sand               | SM                |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 46          |                                                   |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 50          |                                                   |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 54          | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2984014 m             | Easting : 576606 m     |
| Reduced Level (m):(+)-               | BH. No. : BH-358                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1016 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 18-08-2026           | Date of Completion : 19-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 58          |                                                   |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 60          |                                                   |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 66          |                                                   |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 69          |                                                   |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 74          |                                                   |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 78          |                                                   |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 82          |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2984014 m             | Easting : 576606 m     |
| Reduced Level (m): (+)-              | BH. No. : BH-358                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1016 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 18-08-2026           | Date of Completion : 19-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 84          |                                                   |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 87          |                                                   |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 88          |                                                   |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 89          |                                                   |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 90          |                                                   |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 93          |                                                   |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2984014 m             | Easting : 576606 m     |
| Reduced Level (m):(+)-               | BH. No. : BH-358                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1016 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 18-08-2026           | Date of Completion : 19-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 97          |                                                   |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | 99          |                                                   |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | >100        |                                                   |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                                   |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                                   |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 49.5      | 49.5                            | SPT-32      | >100        |                                                   |                   |             |                   |                |                                  |
| 50.0      | 50                              |             |             |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                |                                  |                        |
|--------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :         | Northing : 2984105 m             | Easting : 576644 m     |
| Reduced Level (m): (+)-        | BH. No. : BH-359                 | BH Depth (m): 50       |
| Proposed/Existing Structure :- | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary           | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 16-08-2026     | Date of Completion : 17-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                 | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                    |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up Soil                     | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 2.5       | 2.5                             | UDS*        |             |                                    |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 20          |                                    |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 24          |                                    |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS*        |             |                                    |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 25          |                                    |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             | Medium Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 27          |                                    |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-1       |             |                                    |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 29          |                                    |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                    |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                    |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                |                                  |                        |
|--------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :         | Northing : 2984105 m             | Easting : 576644 m     |
| Reduced Level (m):(+) -        | BH. No. : BH-359                 | BH Depth (m): 50       |
| Proposed/Existing Structure :- | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary           | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 16-08-2026     | Date of Completion : 17-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                  | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|-------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                     |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 34          | Medium Dense, Brownish, Silty Sand  | SM                |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 11.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 33          |                                     |                   |             |                   |                |                                  |
| 12.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 30          |                                     |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 35          | Dense, Brown to Greyish, Silty Sand | SM                |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 38          |                                     |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 41          |                                     |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 46          |                                     |                   |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                     |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                |                                  |                        |
|--------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :         | Northing : 2984105 m             | Easting : 576644 m     |
| Reduced Level (m):(+)-         | BH. No. : BH-359                 | BH Depth (m): 50       |
| Proposed/Existing Structure :- | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary           | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 16-08-2026     | Date of Completion : 17-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 42          |                                                   |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 48          | Dense, Brown to Greyish, Silty Sand               | SM                |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 45          |                                                   |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 50          |                                                   |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 53          |                                                   |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 57          |                                                   |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 51          |                                                   |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                |                                  |                        |
|--------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :         | Northing : 2984105 m             | Easting : 576644 m     |
| Reduced Level (m):(+)-         | BH. No. : BH-359                 | BH Depth (m): 50       |
| Proposed/Existing Structure :- | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary           | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 16-08-2026     | Date of Completion : 17-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 55          |                                                   |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 60          |                                                   |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 69          |                                                   |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 78          |                                                   |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 87          |                                                   |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | 93          |                                                   |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                |                                  |                        |
|--------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :         | Northing : 2984105 m             | Easting : 576644 m     |
| Reduced Level (m):(+)-         | BH. No. : BH-359                 | BH Depth (m): 50       |
| Proposed/Existing Structure :- | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary           | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 16-08-2026     | Date of Completion : 17-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | 98          |                                                   |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | 99          |                                                   |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | >100        |                                                   |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                                   |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                                   |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 49.5      | 49.5                            | SPT-32      | >100        |                                                   |                   |             |                   |                |                                  |
| 50.0      | 50                              | SPT-33      | >100        |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                |                                  |                        |
|--------------------------------|----------------------------------|------------------------|
| BH Location/Chainage : 34+300  | Northing : 2984158 m             | Easting : 576658 m     |
| Reduced Level (m): (+)-        | BH. No. : BH-360                 | BH Depth (m): 50       |
| Proposed/Existing Structure :- | Water Table (m): Not Encountered | Inclination : Vertical |
| Boring type : Rotary           | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 15-08-2026     | Date of Completion : 16-08-2026  |                        |

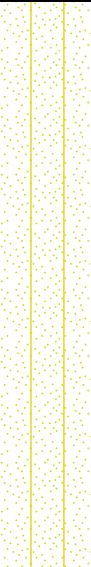
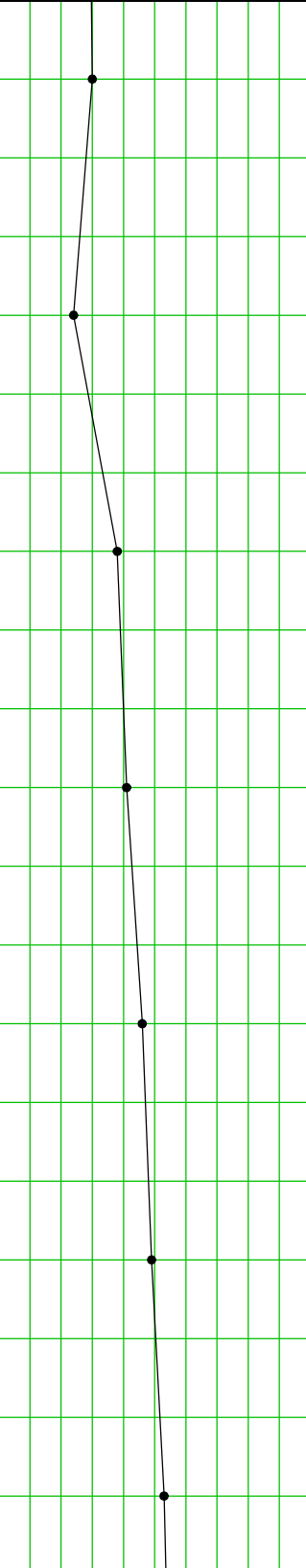
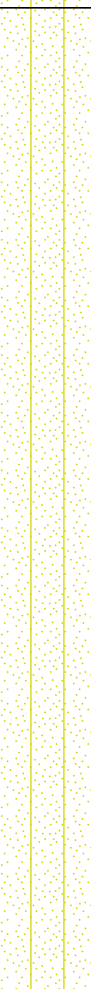
| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                   | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|--------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                      |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled Up soil consist of Silty Sand | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 2.5       | 2.5                             | UDS*        |             |                                      |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 17          |                                      |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 22          |                                      |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS*        |             |                                      |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 23          | Medium Dense, Brownish, Silty Sand   | SM                |             |                   |                |                                  |
| 6.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 26          |                                      |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS-1       |             |                                      |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 29          |                                      |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                      |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                      |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                |                                  |                        |
|--------------------------------|----------------------------------|------------------------|
| BH Location/Chainage : 34+300  | Northing : 2984158 m             | Easting : 576658 m     |
| Reduced Level (m):(+) -        | BH. No. : BH-360                 | BH Depth (m): 50       |
| Proposed/Existing Structure :- | Water Table (m): Not Encountered | Inclination : Vertical |
| Boring type : Rotary           | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 15-08-2026     | Date of Completion : 16-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth ( m ) | Sample Type | SPT N Value | Strata Description                 | IS Classification | Graphic Log                                                                         | Core Recovery (%) | RQD (%)       | (Depth v/s SPT N Value)                                                              |
|-----------|-----------------------------------|-------------|-------------|------------------------------------|-------------------|-------------------------------------------------------------------------------------|-------------------|---------------|--------------------------------------------------------------------------------------|
| 10.0      |                                   |             |             |                                    |                   |                                                                                     | 0 25 50 75100     | 0 25 50 75100 | 0 10 20 30 40 50 60 70 80 90 100                                                     |
| 10.5      | 10.5                              | SPT-6       | 30          | Medium Dense, Brownish, Silty Sand | SM                |   |                   |               |  |
| 11.0      |                                   |             |             |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 11.5      |                                   |             |             |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 12.0      | 12                                | SPT-7       | 24          |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 12.5      |                                   |             |             | Dense, Brownish, Silty Sand        | SM                |  |                   |               |                                                                                      |
| 13.0      |                                   |             |             |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 13.5      | 13.5                              | SPT-8       | 38          |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 14.0      |                                   |             |             |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 14.5      |                                   |             |             |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 15.0      | 15                                | SPT-9       | 41          |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 15.5      |                                   |             |             |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 16.0      |                                   |             |             | Very Dense, Brownish, Silty Sand   | SM                |  |                   |               |                                                                                      |
| 16.5      | 16.5                              | SPT-10      | 46          |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 17.0      |                                   |             |             |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 17.5      |                                   |             |             |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 18.0      | 18                                | SPT-11      | 49          |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 18.5      |                                   |             |             |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 19.0      |                                   |             |             |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 19.5      | 19.5                              | SPT-12      | 53          |                                    |                   |                                                                                     |                   |               |                                                                                      |
| 20.0      |                                   |             |             |                                    |                   |                                                                                     |                   |               |                                                                                      |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                |                                 |                        |
|--------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :34+300   | Northing :2984158 m             | Easting :576658 m      |
| Reduced Level (m):(+) -        | BH. No. :BH-360                 | BH Depth (m):50        |
| Proposed/Existing Structure :- | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary            | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :15-08-2026      | Date of Completion :16-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 55          |                                  |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 58          |                                  |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 62          |                                  |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 68          |                                  |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 73          |                                  |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 81          |                                  |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 89          |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                |                                 |                        |
|--------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :34+300   | Northing :2984158 m             | Easting :576658 m      |
| Reduced Level (m):(+) -        | BH. No. :BH-360                 | BH Depth (m):50        |
| Proposed/Existing Structure :- | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary            | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :15-08-2026      | Date of Completion :16-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 96          |                                  |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 97          |                                  |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 99          |                                  |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | >100        |                                  |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | >100        |                                  |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | >100        |                                  |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                |                                 |                        |
|--------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :34+300   | Northing :2984158 m             | Easting :576658 m      |
| Reduced Level (m):(+) -        | BH. No. :BH-360                 | BH Depth (m):50        |
| Proposed/Existing Structure :- | Water Table (m):Not Encountered | Inclination : Vertical |
| Boring type :Rotary            | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :15-08-2026      | Date of Completion :16-08-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description               | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|----------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                  |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | >100        |                                  |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | >100        |                                  |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | >100        |                                  |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                  |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                  |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                  |                   |             |                   |                |                                  |
| 49.5      | 49.5                            | SPT-32      | >100        |                                  |                   |             |                   |                |                                  |
| 50.0      | 50                              | SPT-33      | >100        |                                  |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                     |                                 |                        |
|-------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :              | Northing :2989662 m             | Easting :576266 m      |
| Reduced Level (m):(+) -             | BH. No. :BH-418                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-1197 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                 | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :07-07-2026           | Date of Completion :08-07-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                      | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|-----------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                         |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled Up soil                          | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 2.5       | 2.5                             | UDS*        |             |                                         |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 7           | Loose, Brownish, Silty Sand             | SM                |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 11          |                                         |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS*        |             |                                         |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 13          |                                         |                   |             |                   |                |                                  |
| 6.5       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 16          | Medium Dense, Greyish Brown, Silty Sand | SM                |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS*        |             |                                         |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 20          |                                         |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                         |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                         |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                     |                                 |                        |
|-------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :              | Northing :2989662 m             | Easting :576266 m      |
| Reduced Level (m):(+) -             | BH. No. :BH-418                 | BH Depth (m):50        |
| Proposed/Existing Structure :P-1197 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                 | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :07-07-2026           | Date of Completion :08-07-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | SPT-6       | 23          | Medium Dense, Greyish Brown, Silty Sand           | SM                |             |                   |                |                                  |
| 11.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 11.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 12.0      | 12                              | SPT-7       | 26          |                                                   |                   |             |                   |                |                                  |
| 12.5      |                                 |             |             | Dense, Greyish Brown, Silty Sand                  | SM                |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | SPT-8       | 34          |                                                   |                   |             |                   |                |                                  |
| 14.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 15.0      | 15                              | SPT-9       | 37          |                                                   |                   |             |                   |                |                                  |
| 15.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 16.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 16.5      | 16.5                            | SPT-10      | 42          |                                                   |                   |             |                   |                |                                  |
| 17.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 17.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 18.0      | 18                              | SPT-11      | 50          |                                                   |                   |             |                   |                |                                  |
| 18.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 19.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 19.5      | 19.5                            | SPT-12      | 57          |                                                   |                   |             |                   |                |                                  |
| 20.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2989662 m             | Easting : 576266 m     |
| Reduced Level (m):(+)-               | BH. No. : BH-418                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1197 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 07-07-2026           | Date of Completion : 08-07-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13      | 61          |                                                   |                   |             |                   |                |                                  |
| 21.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 22.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14      | 65          |                                                   |                   |             |                   |                |                                  |
| 23.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 23.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 24.0      | 24                              | SPT-15      | 69          |                                                   |                   |             |                   |                |                                  |
| 24.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 25.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 25.5      | 25.5                            | SPT-16      | 74          |                                                   |                   |             |                   |                |                                  |
| 26.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 26.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 27.0      | 27                              | SPT-17      | 78          |                                                   |                   |             |                   |                |                                  |
| 27.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 28.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | SPT-18      | 81          |                                                   |                   |             |                   |                |                                  |
| 29.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 29.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 30.0      | 30                              | SPT-19      | 85          |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2989662 m             | Easting : 576266 m     |
| Reduced Level (m):(+)-               | BH. No. : BH-418                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1197 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 07-07-2026           | Date of Completion : 08-07-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 30.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 30.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 31.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 31.5      | 31.5                            | SPT-20      | 88          |                                                   |                   |             |                   |                |                                  |
| 32.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 32.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 33.0      | 33                              | SPT-21      | 92          |                                                   |                   |             |                   |                |                                  |
| 33.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 34.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 34.5      | 34.5                            | SPT-22      | 95          |                                                   |                   |             |                   |                |                                  |
| 35.0      |                                 |             |             | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 35.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 36.0      | 36                              | SPT-23      | 97          |                                                   |                   |             |                   |                |                                  |
| 36.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 37.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 37.5      | 37.5                            | SPT-24      | 99          |                                                   |                   |             |                   |                |                                  |
| 38.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 38.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 39.0      | 39                              | SPT-25      | >100        |                                                   |                   |             |                   |                |                                  |
| 39.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 40.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                      |                                  |                        |
|--------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :               | Northing : 2989662 m             | Easting : 576266 m     |
| Reduced Level (m):(+) -              | BH. No. : BH-418                 | BH Depth (m): 50       |
| Proposed/Existing Structure : P-1197 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                 | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 07-07-2026           | Date of Completion : 08-07-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 40.0      |                                 |             |             |                                                   |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 40.5      | 40.5                            | SPT-26      | >100        |                                                   |                   |             |                   |                |                                  |
| 41.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 41.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 42.0      | 42                              | SPT-27      | >100        |                                                   |                   |             |                   |                |                                  |
| 42.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 43.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 43.5      | 43.5                            | SPT-28      | >100        |                                                   |                   |             |                   |                |                                  |
| 44.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 44.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 45.0      | 45                              | SPT-29      | >100        | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |             |                   |                |                                  |
| 45.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 46.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 46.5      | 46.5                            | SPT-30      | >100        |                                                   |                   |             |                   |                |                                  |
| 47.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 47.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 48.0      | 48                              | SPT-31      | >100        |                                                   |                   |             |                   |                |                                  |
| 48.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 49.0      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 49.5      |                                 |             |             |                                                   |                   |             |                   |                |                                  |
| 50.0      | 50                              | SPT-32      | >100        |                                                   |                   |             |                   |                |                                  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2989946 m             | Easting : 576278 m     |
| Reduced Level (m): (+)-             | BH. No. : BH-426                 | BH Depth (m): 34       |
| Proposed/Existing Structure : DCP-1 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 18-07-2026          | Date of Completion : 19-07-2026  |                        |

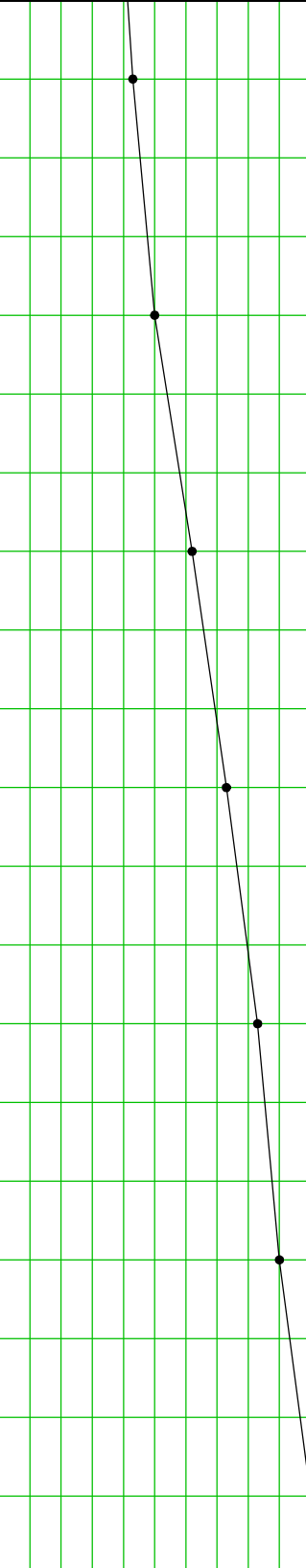
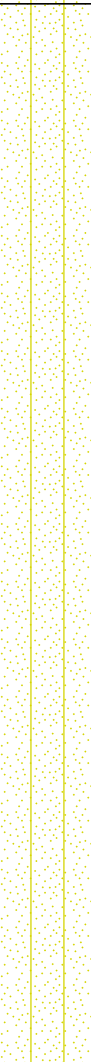
| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                          | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|---------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                             |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                             |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                             |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up soil                              | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                             |                   |             |                   |                |                                  |
| 2.5       | 2.5                             | UDS*        |             |                                             |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1       | 17          |                                             |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                             |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                             |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | SPT-2       | 24          |                                             |                   |             |                   |                |                                  |
| 5.0       |                                 |             |             |                                             |                   |             |                   |                |                                  |
| 5.5       | 5.5                             | UDS*        |             |                                             |                   |             |                   |                |                                  |
| 6.0       | 6                               | SPT-3       | 28          | Medium Dense to Dense, Brownish, Silty Sand | SM                |             |                   |                |                                  |
| 6.5       |                                 |             |             |                                             |                   |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                             |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | SPT-4       | 33          |                                             |                   |             |                   |                |                                  |
| 8.0       |                                 |             |             |                                             |                   |             |                   |                |                                  |
| 8.5       | 8.5                             | UDS*        |             |                                             |                   |             |                   |                |                                  |
| 9.0       | 9                               | SPT-5       | 38          |                                             |                   |             |                   |                |                                  |
| 9.5       |                                 |             |             |                                             |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                             |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                    |                                 |                        |
|------------------------------------|---------------------------------|------------------------|
| BH Location/Chainage :             | Northing :2989946 m             | Easting :576278 m      |
| Reduced Level (m):(+) -            | BH. No. :BH-426                 | BH Depth (m):34        |
| Proposed/Existing Structure :DCP-1 | Water Table (m):Not encountered | Inclination : Vertical |
| Boring type :Rotary                | Dia. of Boring :150/76 mm       | Depth of Casing (m) :- |
| Date of Start :18-07-2026          | Date of Completion :19-07-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth ( m ) | Sample Type | SPT N Value | Strata Description                                | IS Classification | Graphic Log                                                                         | Core Recovery (%) | RQD (%)       | (Depth v/s SPT N Value)                                                              |  |
|-----------|-----------------------------------|-------------|-------------|---------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|-------------------|---------------|--------------------------------------------------------------------------------------|--|
| 10.0      |                                   |             |             |                                                   |                   |                                                                                     | 0 25 50 75100     | 0 25 50 75100 | 0 10 20 30 40 50 60 70 80 90 100                                                     |  |
| 10.5      | 10.5                              | SPT-6       | 43          | Medium Dense to Dense, Brownish, Silty Sand       | SM                |   |                   |               |  |  |
| 11.0      |                                   |             |             |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 11.5      |                                   |             |             |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 12.0      | 12                                | SPT-7       | 50          |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 12.5      |                                   |             |             | Very Dense, Greyish Brown, Silty Sand with Gravel | SM                |  |                   |               |                                                                                      |  |
| 13.0      |                                   |             |             |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 13.5      | 13.5                              | SPT-8       | 62          |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 14.0      |                                   |             |             |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 14.5      |                                   |             |             |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 15.0      | 15                                | SPT-9       | 73          |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 15.5      |                                   |             |             |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 16.0      |                                   |             |             |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 16.5      | 16.5                              | SPT-10      | 83          |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 17.0      |                                   |             |             |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 17.5      |                                   |             |             |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 18.0      | 18                                | SPT-11      | 90          |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 18.5      |                                   |             |             |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 19.0      |                                   |             |             |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 19.5      | 19.5                              | SPT-12      | >100        |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |
| 20.0      |                                   |             |             |                                                   |                   |                                                                                     |                   |               |                                                                                      |  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                     |                                  |                        |
|-------------------------------------|----------------------------------|------------------------|
| BH Location/Chainage :              | Northing : 2989946 m             | Easting : 576278 m     |
| Reduced Level (m):(+)-              | BH. No. : BH-426                 | BH Depth (m): 34       |
| Proposed/Existing Structure : DCP-1 | Water Table (m): Not encountered | Inclination : Vertical |
| Boring type : Rotary                | Dia. of Boring : 150/76 mm       | Depth of Casing (m) :- |
| Date of Start : 18-07-2026          | Date of Completion : 19-07-2026  |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type    | SPT N Value | Strata Description                                                   | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|----------------|-------------|----------------------------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 20.0      |                                 |                |             |                                                                      |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 20.5      |                                 |                |             |                                                                      |                   |             |                   |                |                                  |
| 21.0      | 21                              | SPT-13         | >100        | Very Dense, Greyish Brown, Silty Sand with Gravel                    | SM                |             |                   |                |                                  |
| 21.5      |                                 |                |             |                                                                      |                   |             |                   |                |                                  |
| 22.0      |                                 |                |             |                                                                      |                   |             |                   |                |                                  |
| 22.5      | 22.5                            | SPT-14         | >100        |                                                                      |                   |             |                   |                |                                  |
| 23.0      |                                 |                |             |                                                                      |                   |             |                   |                |                                  |
| 23.5      |                                 |                |             |                                                                      |                   |             |                   |                |                                  |
| 24.0      | 24<br>24.04                     | SPT-15<br>RC-1 | >100        | Highly Weathered, Greyish, Very Poor, Medium to Fine Grained, BASALT | GRADE-IV          |             |                   |                |                                  |
| 24.5      |                                 |                |             |                                                                      |                   |             |                   |                |                                  |
| 25.0      |                                 |                |             |                                                                      |                   |             |                   |                |                                  |
| 25.5      | 25.5                            | RC-2           |             |                                                                      |                   |             | 10.27             | 0              |                                  |
| 26.0      |                                 |                |             |                                                                      |                   |             |                   |                |                                  |
| 26.5      |                                 |                |             |                                                                      |                   |             |                   |                |                                  |
| 27.0      | 27                              | RC-3           |             |                                                                      |                   |             | 12                | 0              |                                  |
| 27.5      |                                 |                |             |                                                                      |                   |             |                   |                |                                  |
| 28.0      |                                 |                |             |                                                                      |                   |             |                   |                |                                  |
| 28.5      | 28.5                            | RC-4           |             |                                                                      |                   |             | 10                | 0              |                                  |
| 29.0      |                                 |                |             |                                                                      |                   |             |                   |                |                                  |
| 29.5      |                                 |                |             |                                                                      |                   |             |                   |                |                                  |
| 30.0      | 30                              | RC-5           |             |                                                                      |                   |             | 10                | 0              |                                  |

# FIELD BOREHOLE LOG

*Project Name* :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)*Client* :Delhi Metro Rail Corporation Ltd

|                                            |                                         |                               |
|--------------------------------------------|-----------------------------------------|-------------------------------|
| <i>BH Location/Chainage :</i>              | <i>Northing :</i> 2989946 m             | <i>Easting :</i> 576278 m     |
| <i>Reduced Level (m):(+)-</i>              | BH. No. :BH-426                         | <i>BH Depth (m):</i> 34       |
| <i>Proposed/Existing Structure :</i> DCP-I | <i>Water Table (m):</i> Not encountered | <i>Inclination :</i> Vertical |
| <i>Boring type :</i> Rotary                | <i>Dia. of Boring :</i> 150/76 mm       | <i>Depth of Casing (m) :-</i> |
| <i>Date of Start :</i> 18-07-2026          | <i>Date of Completion :</i> 19-07-2026  |                               |

| Depth<br>(m) | Sample &<br>In-Situ Test<br>Depth ( m ) | Sample<br>Type | SPT<br>N<br>Value | Strata<br>Description                                                         | IS<br>Classification | Graphic<br>Log | Core<br>Recovery<br>(%) | RQD<br>(%)    | (Depth<br>v/s<br>SPT N Value)    |  |
|--------------|-----------------------------------------|----------------|-------------------|-------------------------------------------------------------------------------|----------------------|----------------|-------------------------|---------------|----------------------------------|--|
| 30.0         |                                         |                |                   |                                                                               |                      |                | 0 25 50 75100           | 0 25 50 75100 | 0 10 20 30 40 50 60 70 80 90 100 |  |
| 30.5         |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
| 31.0         |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
| 31.5         | 31.5                                    | RC-6           |                   | Highly Weathered,<br>Greyish, Very Poor,<br>Medium to Fine<br>Grained, BASALT | GRADE-IV             |                | 11.33                   | 0             |                                  |  |
| 32.0         |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
| 32.5         |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
| 33.0         | 33                                      | RC-7           |                   |                                                                               |                      |                |                         | 11.33         | 0                                |  |
| 33.5         |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
| 34.0         | 34                                      |                |                   |                                                                               |                      |                | 17                      | 0             |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
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|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
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|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
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|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
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|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
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|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
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|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
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|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |
|              |                                         |                |                   |                                                                               |                      |                |                         |               |                                  |  |

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                |                                       |                        |
|--------------------------------|---------------------------------------|------------------------|
| BH Location/Chainage :         | Northing : 2990018 m                  | Easting : 576990 m     |
| Reduced Level (m):(+) -        | BH. No. : BH-434                      | BH Depth (m): 15       |
| Proposed/Existing Structure :- | Water Table (m): 2.00 (Seepage Water) | Inclination : Vertical |
| Boring type : Rotary           | Dia. of Boring : 150/76 mm            | Depth of Casing (m) :- |
| Date of Start : 13-07-2026     | Date of Completion : 14-07-2026       |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type   | SPT N Value | Strata Description                                                      | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|---------------|-------------|-------------------------------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1          |             |                                                                         |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |               |             |                                                                         |                   |             |                   |                |                                  |
| 1.0       |                                 |               |             |                                                                         |                   |             |                   |                |                                  |
| 1.5       |                                 |               |             | Filled up Soil                                                          | FILL              |             |                   |                |                                  |
| 2.0       |                                 |               |             |                                                                         |                   |             |                   |                |                                  |
| 2.5       | 2.5                             | UDS-1         |             |                                                                         |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1         | >100        | Very Dense, Greyish, Silty Sand with Rock Fragments                     | SP-SM             |             |                   |                |                                  |
| 3.5       |                                 |               |             |                                                                         |                   |             |                   |                |                                  |
| 4.0       |                                 |               |             |                                                                         |                   |             |                   |                |                                  |
| 4.5       | 4.5<br>4.55                     | SPT-2<br>RC-1 | >100        |                                                                         |                   |             |                   |                |                                  |
| 5.0       |                                 |               |             |                                                                         |                   |             |                   |                |                                  |
| 5.5       |                                 |               |             |                                                                         |                   |             |                   |                |                                  |
| 6.0       | 6                               | RC-2          |             |                                                                         |                   |             | 11                | 0              |                                  |
| 6.5       |                                 |               |             |                                                                         |                   |             |                   |                |                                  |
| 7.0       |                                 |               |             |                                                                         |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | RC-3          |             | Highly Weathered, Greyish, Very Poor, Medium to Fine Grained, QUARTZITE | GRADE-IV          |             | 12.66             | 0              |                                  |
| 8.0       |                                 |               |             |                                                                         |                   |             |                   |                |                                  |
| 8.5       |                                 |               |             |                                                                         |                   |             |                   |                |                                  |
| 9.0       | 9                               | RC-4          |             |                                                                         |                   |             | 12.66             | 0              |                                  |
| 9.5       |                                 |               |             |                                                                         |                   |             |                   |                |                                  |
| 10.0      |                                 |               |             |                                                                         |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

Project Name : GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) Client : Delhi Metro Rail Corporation Ltd

|                                |                                       |                        |
|--------------------------------|---------------------------------------|------------------------|
| BH Location/Chainage :         | Northing : 2990018 m                  | Easting : 576990 m     |
| Reduced Level (m):(+)-         | BH. No. : BH-434                      | BH Depth (m): 15       |
| Proposed/Existing Structure :- | Water Table (m): 2.00 (Seepage Water) | Inclination : Vertical |
| Boring type : Rotary           | Dia. of Boring : 150/76 mm            | Depth of Casing (m) :- |
| Date of Start : 13-07-2026     | Date of Completion : 14-07-2026       |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                                      | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|-------------------------------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 10.0      |                                 |             |             |                                                                         |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 10.5      | 10.5                            | RC-5        |             |                                                                         |                   |             | 12                | 0              |                                  |
| 11.0      |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 11.5      |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 12.0      | 12                              | RC-6        |             | Highly Weathered, Greyish, Very Poor, Medium to Fine Grained, QUARTZITE | GRADE-IV          |             | 11.33             | 0              |                                  |
| 12.5      |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 13.0      |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 13.5      | 13.5                            | RC-7        |             |                                                                         |                   |             | 12                | 0              |                                  |
| 14.0      |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 14.5      |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 15.0      | 15                              |             |             |                                                                         |                   |             | 12                | 0              |                                  |

# FIELD BOREHOLE LOG

Project Name :GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)Client :Delhi Metro Rail Corporation Ltd

|                                |                                     |                        |
|--------------------------------|-------------------------------------|------------------------|
| BH Location/Chainage :         | Northing :2990049 m                 | Easting :577080 m      |
| Reduced Level (m):(+) -        | BH. No. :BH-435                     | BH Depth (m):13.5      |
| Proposed/Existing Structure :- | Water Table (m):2.10(Seepage Water) | Inclination : Vertical |
| Boring type :Rotary            | Dia. of Boring :150/76 mm           | Depth of Casing (m) :- |
| Date of Start :13-07-2026      | Date of Completion :14-07-2026      |                        |

| Depth (m) | Sample & In-Situ Test Depth (m) | Sample Type | SPT N Value | Strata Description                                                      | IS Classification | Graphic Log | Core Recovery (%) | RQD (%)        | (Depth v/s SPT N Value)          |
|-----------|---------------------------------|-------------|-------------|-------------------------------------------------------------------------|-------------------|-------------|-------------------|----------------|----------------------------------|
| 0.0       |                                 | DS-1        |             |                                                                         |                   |             | 0 25 50 75 100    | 0 25 50 75 100 | 0 10 20 30 40 50 60 70 80 90 100 |
| 0.5       |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 1.0       |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 1.5       |                                 |             |             | Filled up Soil                                                          | FILL              |             |                   |                |                                  |
| 2.0       |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 2.5       | 2.5                             | UDS*        |             |                                                                         |                   |             |                   |                |                                  |
| 3.0       | 3                               | SPT-1 RC-1  | >100        | Very Dense, Greyish, Silty Sand with Rock Fragments                     | SP-SM             |             |                   |                |                                  |
| 3.1       | 3.1                             |             |             |                                                                         |                   |             |                   |                |                                  |
| 3.5       |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 4.0       |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 4.5       | 4.5                             | RC-2        |             |                                                                         |                   |             | 10                | 0              |                                  |
| 5.0       |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 5.5       |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 6.0       | 6                               | RC-3        |             |                                                                         |                   |             | 10                | 0              |                                  |
| 6.5       |                                 |             |             | Highly Weathered, Greyish, Very Poor, Medium to Fine Grained, QUARTZITE | GRADE-V           |             |                   |                |                                  |
| 7.0       |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 7.5       | 7.5                             | RC-4        |             |                                                                         |                   |             | 10.66             | 0              |                                  |
| 8.0       |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 8.5       |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 9.0       | 9                               | RC-5        |             |                                                                         |                   |             | 10                | 0              |                                  |
| 9.5       |                                 |             |             |                                                                         |                   |             |                   |                |                                  |
| 10.0      |                                 |             |             |                                                                         |                   |             |                   |                |                                  |

UDS\*-UDS not recovered

# FIELD BOREHOLE LOG

**Project Name :** GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) **Client :** Delhi Metro Rail Corporation Ltd

|                                       |                                             |                               |
|---------------------------------------|---------------------------------------------|-------------------------------|
| <i>BH Location/Chainage :</i>         | <i>Northing :</i> 2990049 m                 | <i>Easting :</i> 577080 m     |
| <i>Reduced Level (m):(+) -</i>        | BH. No. :BH-435                             | <i>BH Depth (m):</i> 13.5     |
| <i>Proposed/Existing Structure :-</i> | <i>Water Table (m):</i> 2.10(Seepage Water) | <i>Inclination :</i> Vertical |
| <i>Boring type :Rotary</i>            | <i>Dia. of Boring :</i> 150/76 mm           | <i>Depth of Casing (m) :-</i> |
| <i>Date of Start :</i> 13-07-2026     | <i>Date of Completion :</i> 14-07-2026      |                               |

| Depth<br>(m) | Sample &<br>In-Situ Test<br>Depth ( m ) | Sample<br>Type | SPT<br>N<br>Value | Strata<br>Description                                                            | IS<br>Classification | Graphic<br>Log | Core<br>Recovery<br>(%) | RQD<br>(%)    | (Depth<br>v/s<br>SPT N Value)    |  |  |
|--------------|-----------------------------------------|----------------|-------------------|----------------------------------------------------------------------------------|----------------------|----------------|-------------------------|---------------|----------------------------------|--|--|
| 10.0         |                                         |                |                   |                                                                                  |                      |                | 0 25 50 75100           | 0 25 50 75100 | 0 10 20 30 40 50 60 70 80 90 100 |  |  |
| 10.5         | 10.5                                    | RC-6           |                   | Highly Weathered,<br>Greyish, Very Poor,<br>Medium to Fine<br>Grained, QUARTZITE | GRADE-V              |                | 10                      | 0             |                                  |  |  |
| 11.0         |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
| 11.5         |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
| 12.0         | 12                                      | RC-7           |                   |                                                                                  |                      |                |                         | 10.66         | 0                                |  |  |
| 12.5         |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
| 13.0         |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
| 13.5         | 13.5                                    |                |                   |                                                                                  |                      |                | 13.33                   | 0             |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
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|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
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|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
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|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |
|              |                                         |                |                   |                                                                                  |                      |                |                         |               |                                  |  |  |



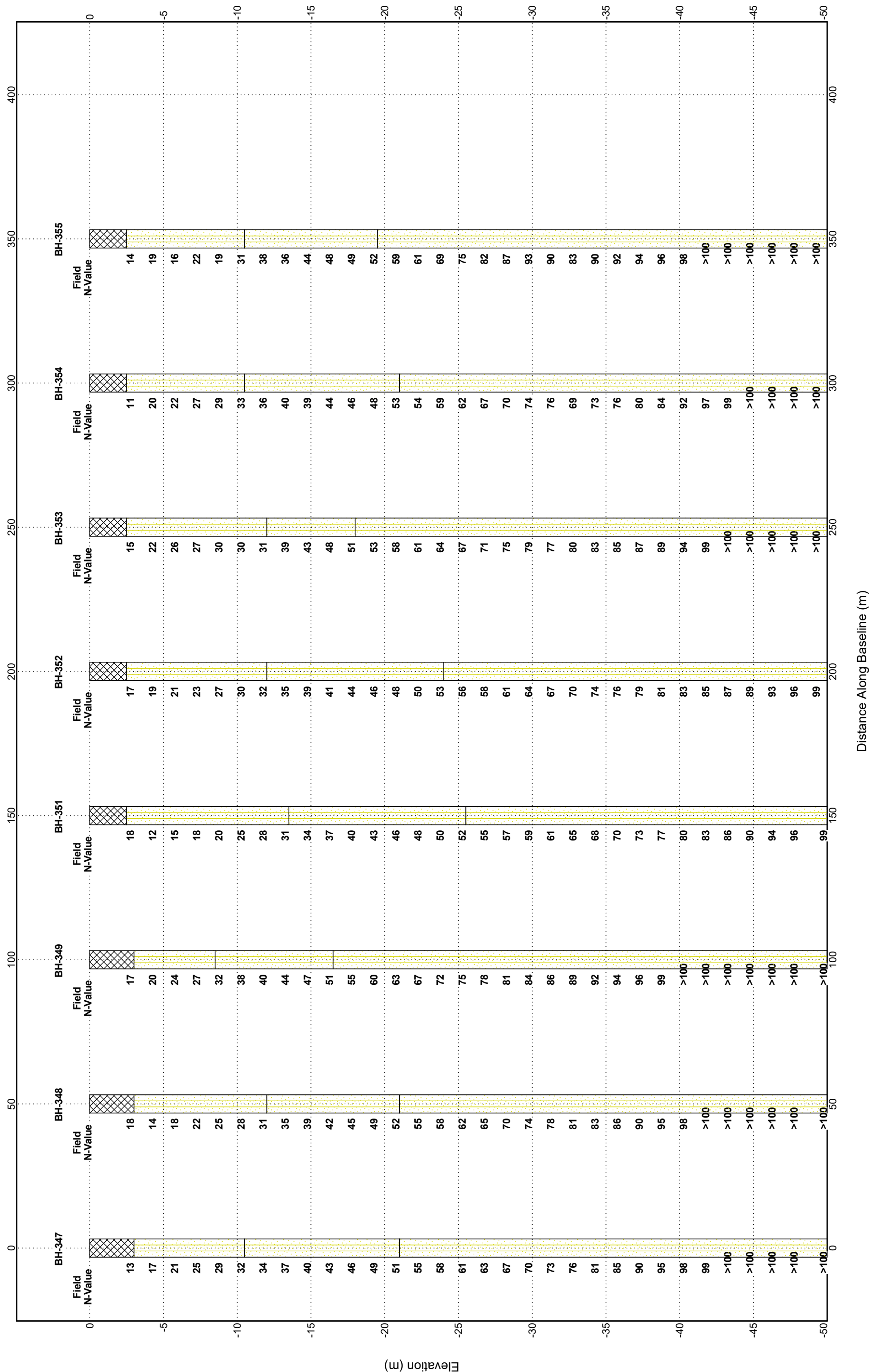
## SUB SOIL PROFILE DIAGRAM -

**CLIENT** Delhi Metro Rail Corporation Ltd

**PROJECT NUMBER** SR-1241 25-26

| PROJECT NAME | GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km) |
|--------------|-------------------------------------------------------------------------------------------|
|              |                                                                                           |

**PROJECT LOCATION** Jaipur, Rajasthan



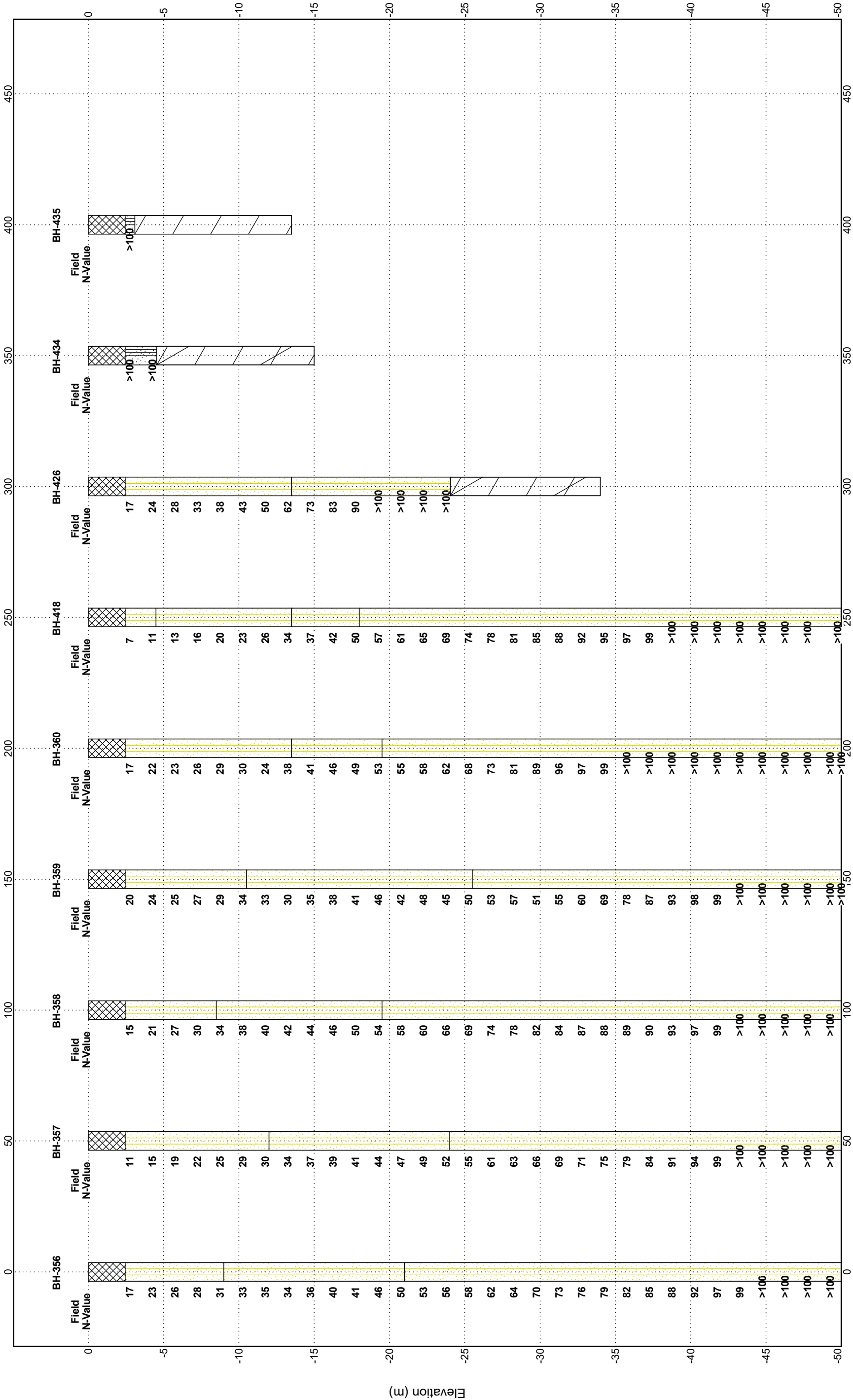
SUB SOIL PROFILE DIAGRAM -

CLIENT Delhi Metro Rail Corporation Ltd

PROJECT NAME GTI work for JPR Metro Ph-II, Prahladpura to Todi Mod (Total approximate length -42.8 km)

PROJECT NUMBER SR-1241 25-26

PROJECT LOCATION Jaipur, Rajasthan



Distance Along Baseline (m)

## **APPENDIX – B (LAB TEST RESULTS)**

| <b>Appendix No.</b> | <b>ITEMS</b>                       |
|---------------------|------------------------------------|
| B-1                 | SOIL & ROCK CHARACTERISTICS SHEETS |
| B-2                 | GSD CURVES                         |

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                  |                   |           |                                       |      |      | Date of Boring |        |        |                    | Chainage/Location |                  | B.H. No.        |                      | Depth of Water Table         |                     |                              | Termination Depth    |                     | Coordinates (E,N) |              |                     |                        |                      |                            | R.L.                  |                              | Ref. Code         |                                             |                                            |                                     |                            |                       |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
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|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>s</sub> ) | Soil Description | IS Classification | IS Symbol | Grain Size Distribution % wt retained |      |      |                |        |        | Atterberg Limits % |                   |                  |                 | Bulk Density (g/cm³) |                              |                     | Natural Moisture Content (%) |                      | Dry Density (g/cm³) | Specific Gravity  | Type of Test | Cohesion C (kg/cm²) | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm²) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm²) | C <sub>v</sub> x 10 <sup>-4</sup> (cm²/Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm²/Kg) | Compression Index (C <sub>p</sub> ) |                            |                       |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|         |                                                                                                                            |                     |                        |                                       |                  |                   |           | Clay                                  | Silt | Fine | Medium         | Coarse | Gravel | Liquid Limit       | Plastic Limit     | Plasticity Index | Shrinkage Limit | Bulk Density (g/cm³) | Natural Moisture Content (%) | Dry Density (g/cm³) | Specific Gravity             | Free Swell Index (%) |                     |                   |              |                     |                        |                      |                            |                       |                              |                   |                                             |                                            |                                     | Swelling Pressure (kg/cm²) | Permeability (cm/sec) | Shear Strength |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|         |                                                                                                                            |                     |                        |                                       |                  |                   |           |                                       |      |      |                |        |        |                    |                   |                  |                 |                      |                              |                     |                              |                      |                     |                   |              |                     |                        |                      |                            |                       |                              |                   |                                             |                                            |                                     |                            |                       |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | </ |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project     | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                        |                                       |                                  |                   |           |      |      |                    |        | Chainage/Location | B.H. No. | Depth of Water Table |               | Termination Depth | Coordinates (E,N)    |                                         |                       |                          |                                   |                              | R.L.                             | Ref. Code        |              |                                  |                        |                              |                                |                                                          |                                                         |                                     |   |
|-------------|----------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------|----------------------------------|-------------------|-----------|------|------|--------------------|--------|-------------------|----------|----------------------|---------------|-------------------|----------------------|-----------------------------------------|-----------------------|--------------------------|-----------------------------------|------------------------------|----------------------------------|------------------|--------------|----------------------------------|------------------------|------------------------------|--------------------------------|----------------------------------------------------------|---------------------------------------------------------|-------------------------------------|---|
|             | Date of Boring                                                                                                             |                        | Grain Size Distribution % wt retained |                                  |                   |           |      |      | Atterberg Limits % |        |                   |          | Shear Strength       |               |                   | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Consolidation Parameters |                                   |                              |                                  |                  |              |                                  |                        |                              |                                |                                                          |                                                         |                                     |   |
| Sample Type | Depth from G.L. (m)                                                                                                        | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                 | IS Classification | IS Symbol | Clay | Silt | Fine               | Medium | Gravel            |          | Liquid Limit         | Plastic Limit | Plasticity Index  |                      |                                         |                       | Shrinkage Limit          | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>v</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>2</sup> /kg) | Compression Index (C <sub>p</sub> ) |   |
|             |                                                                                                                            |                        |                                       |                                  |                   |           |      |      |                    |        |                   |          |                      |               |                   |                      |                                         |                       |                          |                                   |                              |                                  |                  |              |                                  |                        |                              |                                |                                                          |                                                         |                                     |   |
| SPT-18      | 28.50                                                                                                                      | 62                     | 29                                    | Very Dense, Brownish, Silty Sand | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                    | -                                       | -                     | -                        | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                            | -                              | -                                                        |                                                         |                                     |   |
| SPT-19      | 30.00                                                                                                                      | 64                     | 29                                    |                                  | SM                |           | 0    | 24   | 58                 | 8      | 10                | 0        | 0                    | -             | NIL               | NP                   | -                                       | 1.89                  | 12.50                    | 1.68                              | 2.63                         | DST+                             | 0.00             | 33           | -                                | -                      | -                            | -                              | -                                                        | -                                                       |                                     |   |
| SPT-20      | 31.50                                                                                                                      | 67                     | 31                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                    | -                                       | -                     | -                        | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                            | -                              | -                                                        | -                                                       |                                     |   |
| SPT-21      | 33.00                                                                                                                      | 73                     | 34                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                    | -                                       | -                     | -                        | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                            | -                              | -                                                        | -                                                       |                                     |   |
| SPT-22      | 34.50                                                                                                                      | 75                     | 35                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                    | -                                       | -                     | -                        | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                            | -                              | -                                                        | -                                                       |                                     |   |
| SPT-23      | 36.00                                                                                                                      | 79                     | 36                                    |                                  | SM                |           | 0    | 19   | 62                 | 12     | 7                 | 0        | 0                    | -             | NIL               | NP                   | -                                       | -                     | -                        | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                            | -                              | -                                                        | -                                                       | -                                   |   |
| SPT-24      | 37.50                                                                                                                      | 87                     | 40                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                    | -                                       | -                     | -                        | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                            | -                              | -                                                        | -                                                       | -                                   |   |
| SPT-25      | 39.00                                                                                                                      | 88                     | 40                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                    | -                                       | -                     | -                        | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                            | -                              | -                                                        | -                                                       | -                                   |   |
| SPT-26      | 40.50                                                                                                                      | 93                     | 43                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                    | -                                       | -                     | -                        | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                            | -                              | -                                                        | -                                                       | -                                   | - |
| SPT-27      | 42.00                                                                                                                      | 95                     | 44                                    |                                  | SM                |           | 0    | 17   | 74                 | 9      | 0                 | 0        | 0                    | -             | NIL               | NP                   | -                                       | 1.90                  | 12.00                    | 1.70                              | 2.64                         | DST+                             | 0.00             | 34           | -                                | -                      | -                            | -                              | -                                                        | -                                                       | -                                   | - |
| SPT-28      | 43.50                                                                                                                      | 98                     | 45                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                    | -                                       | -                     | -                        | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                            | -                              | -                                                        | -                                                       | -                                   | - |
| SPT-29      | 45.00                                                                                                                      | >100                   | -                                     |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                    | -                                       | -                     | -                        | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                            | -                              | -                                                        | -                                                       | -                                   | - |
| SPT-30      | 46.50                                                                                                                      | >100                   | -                                     |                                  | SM                |           | 0    | 19   | 70                 | 8      | 3                 | 0        | 0                    | -             | NIL               | NP                   | -                                       | -                     | -                        | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                            | -                              | -                                                        | -                                                       | -                                   | - |
| SPT-31      | 48.00                                                                                                                      | >100                   | -                                     |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                    | -                                       | -                     | -                        | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                            | -                              | -                                                        | -                                                       | -                                   | - |
| SPT-32      | 50.00                                                                                                                      | >100                   | -                                     |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                    | -                                       | -                     | -                        | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                            | -                              | -                                                        | -                                                       | -                                   | - |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                             |                                                                                     |                                                                                     |      |        |                 | Date of Boring |      | Chainage/Location |        | B.H. No. | Depth of Water Table |              | Termination Depth |                  | Coordinates (E,N) |                                   |                              |                                  |                  |              | R.L.                             | Ref. Code              |                      |                                         |                       |                              |                                |                                                          |                                                         |
|---------|----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|--------|-----------------|----------------|------|-------------------|--------|----------|----------------------|--------------|-------------------|------------------|-------------------|-----------------------------------|------------------------------|----------------------------------|------------------|--------------|----------------------------------|------------------------|----------------------|-----------------------------------------|-----------------------|------------------------------|--------------------------------|----------------------------------------------------------|---------------------------------------------------------|
|         | 24-08-2026                                                                                                                 |                     | to                     |                                       | 26-08-2026                  |                                                                                     | P-965                                                                               |      | BH-342 | Not Encountered | 50.00 m        |      | 2982636.000 m     |        |          | 576597.000 m         |              | 2982636.000 m     |                  |                   |                                   |                              |                                  |                  |              |                                  |                        |                      |                                         |                       |                              |                                |                                                          |                                                         |
|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description            | IS Classification                                                                   | IS Symbol                                                                           | Clay |        |                 | Silt           | Fine | Medium            | Coarse | Gravel   |                      | Liquid Limit | Plastic Limit     | Plasticity Index | Shrinkage Limit   | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>y</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>3</sup> /Kg) |
| DS-1    | 0.00                                                                                                                       | -                   | -                      | Filled Up soil consist of Silty Sand  | -                           |  | -                                                                                   | -    | -      | -               | -              | -    | -                 | -      | -        | -                    | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        |                                                         |
| SPT-1   | 3.00                                                                                                                       | 12                  | 15                     | Medium Dense, Brownish, Silty Sand    | SM                          |  | 0                                                                                   | 27   | 65     | 6               | 2              | 0    | 0                 | -      | NIL      | NP                   | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        |                                                         |
| SPT-2   | 4.50                                                                                                                       | 13                  | 14                     |                                       | -                           |  | -                                                                                   | -    | -      | -               | -              | -    | -                 | -      | -        | -                    | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        |                                                         |
| UDS-1   | 5.50                                                                                                                       | -                   | -                      |                                       | SM                          |  | -                                                                                   | 0    | 25     | 67              | 5              | 3    | 0                 | 0      | -        | NIL                  | NP           | -                 | 1.71             | 11.69             | 1.53                              | 2.60                         | DST                              | 0.00             | 29           | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       |
| SPT-3   | 6.00                                                                                                                       | 16                  | 16                     |                                       | -                           |  | -                                                                                   | -    | -      | -               | -              | -    | -                 | -      | -        | -                    | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        |                                                         |
| SPT-4   | 7.50                                                                                                                       | 19                  | 17                     |                                       | -                           |  | -                                                                                   | -    | -      | -               | -              | -    | -                 | -      | -        | -                    | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        |                                                         |
| UDS-2   | 8.50                                                                                                                       | -                   | -                      |                                       | SM                          |  | -                                                                                   | 0    | 27     | 59              | 9              | 5    | 0                 | 0      | -        | NIL                  | NP           | -                 | 1.74             | 12.36             | 1.55                              | 2.61                         | DST                              | 0.00             | 30           | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       |
| SPT-5   | 9.00                                                                                                                       | 22                  | 19                     |                                       | -                           |  | -                                                                                   | -    | -      | -               | -              | -    | -                 | -      | -        | -                    | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        |                                                         |
| SPT-6   | 10.50                                                                                                                      | 25                  | 20                     | Dense, Brownish, Silty Sand           | SM                          |  | 0                                                                                   | 24   | 58     | 11              | 6              | 1    | 0                 | -      | NIL      | NP                   | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        |                                                         |
| UDS*    | 11.25                                                                                                                      | -                   | -                      |                                       | -                           |  | -                                                                                   | -    | -      | -               | -              | -    | -                 | -      | -        | -                    | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        |                                                         |
| SPT-7   | 12.00                                                                                                                      | 18                  | 14                     |                                       | -                           |  | -                                                                                   | -    | -      | -               | -              | -    | -                 | -      | -        | -                    | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        |                                                         |
| SPT-8   | 13.50                                                                                                                      | 32                  | 23                     |                                       | Dense, Brownish, Silty Sand | SM                                                                                  |  | 0    | 20     | 59              | 9              | 10   | 2                 | 0      | -        | NIL                  | NP           | -                 | 1.81             | 13.00             | 1.60                              | 2.61                         | DST+                             | 0.00             | 31           | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       |
| SPT-9   | 15.00                                                                                                                      | 34                  | 23                     | -                                     |                             |  | -                                                                                   | -    | -      | -               | -              | -    | -                 | -      | -        | -                    | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        |                                                         |
| SPT-10  | 16.50                                                                                                                      | 37                  | 24                     | -                                     |                             |  | -                                                                                   | -    | -      | -               | -              | -    | -                 | -      | -        | -                    | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        |                                                         |
| SPT-11  | 18.00                                                                                                                      | 40                  | 25                     | Dense, Brownish, Silty Sand           |                             | SM                                                                                  |  | 0    | 17     | 61              | 12             | 9    | 1                 | 0      | -        | NIL                  | NP           | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       |
| SPT-12  | 19.50                                                                                                                      | 43                  | 25                     |                                       | -                           |  | -                                                                                   | -    | -      | -               | -              | -    | -                 | -      | -        | -                    | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        |                                                         |
| SPT-13  | 21.00                                                                                                                      | 46                  | 26                     |                                       | -                           |  | -                                                                                   | -    | -      | -               | -              | -    | -                 | -      | -        | -                    | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        |                                                         |
| SPT-14  | 22.50                                                                                                                      | 50                  | 27                     |                                       | Dense, Brownish, Silty Sand | SM                                                                                  |  | 0    | 17     | 66              | 10             | 6    | 1                 | 0      | -        | NIL                  | NP           | -                 | 1.83             | 12.50             | 1.63                              | 2.62                         | DST+                             | 0.00             | 32           | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       |
| SPT-15  | 24.00                                                                                                                      | 52                  | 27                     | -                                     |                             |  | -                                                                                   | -    | -      | -               | -              | -    | -                 | -      | -        | -                    | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        |                                                         |
| SPT-16  | 25.50                                                                                                                      | 55                  | 27                     | -                                     |                             |  | -                                                                                   | -    | -      | -               | -              | -    | -                 | -      | -        | -                    | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        |                                                         |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS\*-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                                  |                   |           |                                       |      |      | Date of Boring |        | Chainage/Location | B.H. No.           | Depth of Water Table |               | Termination Depth    |                 | Coordinates (E,N)            |                      |   |                  |                |                     | R.L.                   | Ref. Code            |                            |                       |                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------|----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------------------------|----------------------------------|-------------------|-----------|---------------------------------------|------|------|----------------|--------|-------------------|--------------------|----------------------|---------------|----------------------|-----------------|------------------------------|----------------------|---|------------------|----------------|---------------------|------------------------|----------------------|----------------------------|-----------------------|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                 | IS Classification | IS Symbol | Grain Size Distribution % wt retained |      |      |                |        |                   | Atterberg Limits % |                      |               | Bulk Density (g/cm³) |                 | Natural Moisture Content (%) | Dry Density (g/cm³)  |   | Specific Gravity | Shear Strength |                     |                        | Free Swell Index (%) | Swelling Pressure (kg/cm²) | Permeability (cm/sec) | Consolidation Parameters |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|         |                                                                                                                            |                     |                        |                                       |                                  |                   |           | Clay                                  | Silt | Fine | Medium         | Coarse | Fine              | Coarse             | Liquid Limit         | Plastic Limit | Plasticity Index     | Shrinkage Limit |                              | Bulk Density (g/cm³) |   |                  | Type of Test   | Cohesion C (kg/cm²) | Angle of Friction (φ°) |                      |                            |                       |                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|         | SPT-17                                                                                                                     | 27.00               | 58                     | 28                                    | Very Dense, Brownish, Silty Sand | SM                |           | 0                                     | 20   | 64   | 8              | 5      | 3                 | 0                  | -                    | NIL           | NP                   | -               | -                            | -                    | - | -                | -              | -                   | -                      | -                    | -                          | -                     | -                        | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                                      |                   |           |                                       |      |      | Date of Boring |        | Chainage/Location |                    | B.H. No.      |                  | Depth of Water Table |                      | Termination Depth            |                     | Coordinates (E,N)   |              |                     |                        |                      |                            | R.L.                  |                              | Ref. Code            |                                             |                                            |                                     |                       |   |                              |   |                   |   |                                             |   |                                            |   |                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------|----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------------------------|--------------------------------------|-------------------|-----------|---------------------------------------|------|------|----------------|--------|-------------------|--------------------|---------------|------------------|----------------------|----------------------|------------------------------|---------------------|---------------------|--------------|---------------------|------------------------|----------------------|----------------------------|-----------------------|------------------------------|----------------------|---------------------------------------------|--------------------------------------------|-------------------------------------|-----------------------|---|------------------------------|---|-------------------|---|---------------------------------------------|---|--------------------------------------------|---|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                     | IS Classification | IS Symbol | Grain Size Distribution % wt retained |      |      |                |        |                   | Atterberg Limits % |               |                  | Bulk Density (g/cm³) |                      | Natural Moisture Content (%) |                     | Dry Density (g/cm³) |              | Specific Gravity    |                        | Shear Strength       |                            |                       |                              | Free Swell Index (%) |                                             | Swelling Pressure (kg/cm²)                 |                                     | Permeability (cm/sec) |   | Void Ratio (e <sub>0</sub> ) |   | Pressure (kg/cm²) |   | C <sub>v</sub> x 10 <sup>-4</sup> (cm²/Sec) |   | M <sub>v</sub> x 10 <sup>-2</sup> (cm²/Kg) |   | Compression Index (C <sub>p</sub> ) |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|         |                                                                                                                            |                     |                        |                                       |                                      |                   |           | Clay                                  | Silt | Fine | Medium         | Coarse | Gravel            | Liquid Limit       | Plastic Limit | Plasticity Index | Shrinkage Limit      | Bulk Density (g/cm³) | Natural Moisture Content (%) | Dry Density (g/cm³) | Specific Gravity    | Type of Test | Cohesion C (kg/cm²) | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm²) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm²)    | C <sub>v</sub> x 10 <sup>-4</sup> (cm²/Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm²/Kg) | Compression Index (C <sub>p</sub> ) |                       |   |                              |   |                   |   |                                             |   |                                            |   |                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|         | DS-1                                                                                                                       | 0.00                | -                      | -                                     | Filled Up soil consist of Silty Sand | -                 |           | -                                     | -    | -    | -              | -      | -                 | -                  | -             | -                | -                    | -                    | -                            | -                   | -                   | -            | -                   | -                      | -                    | -                          | -                     | -                            | -                    | -                                           | -                                          | -                                   | -                     | - | -                            | - | -                 | - | -                                           | - | -                                          | - | -                                   | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project     | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                        |                                       |                                  |                   |           |      |      |                    |        | Chainage/Location | B.H. No. | Depth of Water Table |               | Termination Depth | Coordinates (E,N)            |                      |                              |                     |                  |              | R.L.                | Ref. Code              |                      |                            |                       |                              |                   |                                             |                                            |                                     |        |                          |
|-------------|----------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------|----------------------------------|-------------------|-----------|------|------|--------------------|--------|-------------------|----------|----------------------|---------------|-------------------|------------------------------|----------------------|------------------------------|---------------------|------------------|--------------|---------------------|------------------------|----------------------|----------------------------|-----------------------|------------------------------|-------------------|---------------------------------------------|--------------------------------------------|-------------------------------------|--------|--------------------------|
|             | Date of Boring                                                                                                             |                        | Grain Size Distribution % wt retained |                                  |                   |           |      |      | Atterberg Limits % |        |                   |          | Bulk Density (g/cm³) |               |                   | Natural Moisture Content (%) |                      | Dry Density (g/cm³)          |                     | Specific Gravity |              |                     |                        | Shear Strength       |                            |                       | Free Swell Index (%)         |                   | Swelling Pressure (kg/cm²)                  |                                            | Permeability (cm/sec)               |        | Consolidation Parameters |
| Sample Type | Depth from G.L. (m)                                                                                                        | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                 | IS Classification | IS Symbol | Clay | Silt | Sand               |        | Gravel            |          | Liquid Limit         | Plastic Limit | Plasticity Index  | Shrinkage Limit              | Bulk Density (g/cm³) | Natural Moisture Content (%) | Dry Density (g/cm³) | Specific Gravity | Type of Test | Cohesion C (kg/cm²) | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm²) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm²) | C <sub>v</sub> x 10 <sup>-4</sup> (cm²/Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm²/Kg) | Compression Index (C <sub>c</sub> ) |        |                          |
|             |                                                                                                                            |                        |                                       |                                  |                   |           |      |      | Fine               | Medium | Coarse            | Fine     |                      |               |                   |                              |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                              |                   |                                             |                                            |                                     | Coarse |                          |
| SPT-17      | 27.00                                                                                                                      | 55                     | 26                                    | Very Dense, Brownish, Silty Sand | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                            | -                    | -                            | -                   | -                | -            | -                   | -                      | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   |        |                          |
| SPT-18      | 28.50                                                                                                                      | 58                     | 27                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                            | -                    | -                            | -                   | -                | -            | -                   | -                      | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | -      |                          |
| SPT-19      | 30.00                                                                                                                      | 60                     | 28                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                            | -                    | -                            | -                   | -                | -            | -                   | -                      | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | -      |                          |
| SPT-20      | 31.50                                                                                                                      | 63                     | 29                                    |                                  | SM                |           | 0    | 29   | 58                 | 8      | 5                 | 0        | 0                    | -             | NIL               | -                            | -                    | -                            | -                   | -                | -            | -                   | -                      | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | -      |                          |
| SPT-21      | 33.00                                                                                                                      | 66                     | 30                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                            | -                    | -                            | -                   | -                | -            | -                   | -                      | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | -      |                          |
| SPT-22      | 34.50                                                                                                                      | 69                     | 32                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                            | -                    | -                            | -                   | -                | -            | -                   | -                      | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | -      |                          |
| SPT-23      | 36.00                                                                                                                      | 72                     | 33                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                            | -                    | -                            | -                   | -                | -            | -                   | -                      | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | -      |                          |
| SPT-24      | 37.50                                                                                                                      | 75                     | 35                                    |                                  | SM                |           | 0    | 23   | 60                 | 10     | 7                 | 0        | 0                    | -             | NIL               | -                            | 1.89                 | 12.50                        | 1.68                | 2.63             | DST+         | 0.00                | 33                     | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | -      | -                        |
| SPT-25      | 39.00                                                                                                                      | 78                     | 36                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                            | -                    | -                            | -                   | -                | -            | -                   | -                      | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | -      |                          |
| SPT-26      | 40.50                                                                                                                      | 80                     | 37                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                            | -                    | -                            | -                   | -                | -            | -                   | -                      | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | -      |                          |
| SPT-27      | 42.00                                                                                                                      | 84                     | 39                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                            | -                    | -                            | -                   | -                | -            | -                   | -                      | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | -      |                          |
| SPT-28      | 43.50                                                                                                                      | 88                     | 40                                    |                                  | SM                |           | 0    | 25   | 65                 | 7      | 3                 | 0        | 0                    | -             | NIL               | -                            | 1.91                 | 11.50                        | 1.71                | 2.64             | DST+         | 0.00                | 34                     | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | -      | -                        |
| SPT-29      | 45.00                                                                                                                      | 93                     | 43                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                            | -                    | -                            | -                   | -                | -            | -                   | -                      | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | -      |                          |
| SPT-30      | 46.50                                                                                                                      | 98                     | 45                                    |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                            | -                    | -                            | -                   | -                | -            | -                   | -                      | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | -      |                          |
| SPT-31      | 48.00                                                                                                                      | >100                   | -                                     |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                            | -                    | -                            | -                   | -                | -            | -                   | -                      | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | -      |                          |
| SPT-32      | 50.00                                                                                                                      | >100                   | -                                     |                                  | -                 |           | -    | -    | -                  | -      | -                 | -        | -                    | -             | -                 | -                            | -                    | -                            | -                   | -                | -            | -                   | -                      | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | -      |                          |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

## SOIL CHARACTERISTICS

[illegible]

Abbreviations:-  
 DS-Disturbed Sample, SPT-Standard Penetration Test, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project     | Date of Boring      |                        |                         |                                  | Chainage/Location | B.H. No.  | Depth of Water Table                  |         | Termination Depth | Coordinates (E,N)  |               |        |                |               |                  | R.L.                     | Ref. Code            |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
|-------------|---------------------|------------------------|-------------------------|----------------------------------|-------------------|-----------|---------------------------------------|---------|-------------------|--------------------|---------------|--------|----------------|---------------|------------------|--------------------------|----------------------|------------------------------|---------------------|------------------|--------------|---------------------|------------------------|----------------------|----------------------------|-----------------------|-----------------|-------------------|---------------------------------------------|--------------------------------------------|
|             | 23-08-2026          | to                     | 26-08-2026              |                                  |                   |           | Not Encountered                       | 50.00 m |                   | 576626.000 m       | 2982827.000 m |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| Sample Type | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N) | Soil Description                 | IS Classification | IS Symbol | Grain Size Distribution % wt retained |         |                   | Atterberg Limits % |               |        | Shear Strength |               |                  | Consolidation Parameters |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
|             |                     |                        |                         |                                  |                   |           | Clay                                  | Silt    | Fine              | Medium             | Coarse        | Gravel | Liquid Limit   | Plastic Limit | Plasticity Index | Shrinkage Limit          | Bulk Density (g/cm³) | Natural Moisture Content (%) | Dry Density (g/cm³) | Specific Gravity | Type of Test | Cohesion C (kg/cm²) | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm²) | Permeability (cm/sec) | Void Ratio (e₀) | Pressure (kg/cm²) | C <sub>v</sub> x 10 <sup>-4</sup> (cm²/Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm²/Kg) |
| SPT-17      | 27.00               | 62                     | 29                      | Very Dense, Brownish, Silty Sand | -                 |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| SPT-18      | 28.50               | 65                     | 30                      |                                  | SM                |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| SPT-19      | 30.00               | 67                     | 31                      |                                  | -                 |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| SPT-20      | 31.50               | 70                     | 32                      |                                  | -                 |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| SPT-21      | 33.00               | 64                     | 29                      |                                  | -                 |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| SPT-22      | 34.50               | 67                     | 31                      |                                  | SM                |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| SPT-23      | 36.00               | 69                     | 32                      |                                  | -                 |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| SPT-24      | 37.50               | 72                     | 33                      |                                  | -                 |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| SPT-25      | 39.00               | 76                     | 35                      |                                  | -                 |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| SPT-26      | 40.50               | 79                     | 36                      |                                  | -                 |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| SPT-27      | 42.00               | 81                     | 37                      |                                  | SM                |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| SPT-28      | 43.50               | 84                     | 39                      |                                  | -                 |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| SPT-29      | 45.00               | 86                     | 40                      |                                  | -                 |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| SPT-30      | 46.50               | 90                     | 41                      |                                  | SM                |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| SPT-31      | 48.00               | 93                     | 43                      |                                  | -                 |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |
| SPT-32      | 50.00               | 98                     | 45                      |                                  | -                 |           |                                       |         |                   |                    |               |        |                |               |                  |                          |                      |                              |                     |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                            |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Toddi Mod (Total approximate length -42.8 km) |                     |                        |                                                |                  |  |                   |           |        |                 | Date of Boring |         | Location |              | B.H. No. | Depth of Water Table |               | Termination Depth |                  | Coordinates (E,N) |               |                 |                                   |                              |                                  | R.L.             | Ref. Code    |                                  |                        |                      |                                         |                       |                              |                                |
|---------|-----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|------------------------------------------------|------------------|--|-------------------|-----------|--------|-----------------|----------------|---------|----------|--------------|----------|----------------------|---------------|-------------------|------------------|-------------------|---------------|-----------------|-----------------------------------|------------------------------|----------------------------------|------------------|--------------|----------------------------------|------------------------|----------------------|-----------------------------------------|-----------------------|------------------------------|--------------------------------|
|         | 30-08-2026                                                                                                                  |                     | to                     |                                                | 03-09-2026       |  | P-938             |           | BH-333 | NOT ENCOUNTERED |                | 50.00 m |          | 576554,000 m |          |                      | 2981752,000 m |                   |                  | -                 | SR-1241_25-26 |                 |                                   |                              |                                  |                  |              |                                  |                        |                      |                                         |                       |                              |                                |
|         | Sample Type                                                                                                                 | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> )          | Soil Description |  | IS Classification | IS Symbol |        | Clay            | Silt           | Fine    | Medium   | Coarse       | Gravel   |                      | Liquid Limit  | Plastic Limit     | Plasticity Index |                   |               | Shrinkage Limit | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) |
| DS-1    | 0.00                                                                                                                        | -                   | -                      |                                                | Filled up Soil   |  | -                 |           | -      | -               | -              | -       | -        | -            | -        | -                    | -             | -                 | -                | -                 | -             | -               | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            |                                |
| SPT-1   | 3.00                                                                                                                        | 9                   | 11                     | Medium Dense, Brown to Grey, Silty Sand        | SM               |  |                   | 0         | 18     | 81              | 1              | 0       | 0        | 0            | 0        | -                    | NP            | -                 | 1.68             | 10.50             | 1.52          | 2.62            | DST+                              | -                            | 0                                | 29               | -            | -                                | -                      | -                    | -                                       | -                     | -                            |                                |
| SPT-2   | 4.50                                                                                                                        | 14                  | 15                     |                                                | -                |  |                   |           | -      | -               | -              | -       | -        | -            | -        | -                    | -             | -                 | -                | -                 | -             | -               | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            |                                |
| UDS*    | 5.50                                                                                                                        | -                   | -                      |                                                | -                |  |                   |           | -      | -               | -              | -       | -        | -            | -        | -                    | -             | -                 | -                | -                 | -             | -               | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            |                                |
| SPT-3   | 6.00                                                                                                                        | 18                  | 18                     |                                                | SM               |  |                   |           | 0      | 21              | 76             | 3       | 0        | 0            | 0        | 0                    | -             | NP                | -                | -                 | -             | -               | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              |
| SPT-4   | 7.50                                                                                                                        | 16                  | 15                     |                                                | -                |  |                   |           | -      | -               | -              | -       | -        | -            | -        | -                    | -             | -                 | -                | -                 | -             | -               | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            |                                |
| UDS-1   | 8.50                                                                                                                        | -                   | -                      |                                                | SM               |  |                   |           | 0      | 21              | 73             | 4       | 1        | 1            | 0        | 0                    | -             | NP                | -                | 1.67              | 11.31         | 1.50            | 2.63                              | DST                          | -                                | 0                | 30           | -                                | -                      | -                    | -                                       | -                     | -                            | -                              |
| SPT-5   | 9.00                                                                                                                        | 22                  | 19                     |                                                | -                |  |                   |           | -      | -               | -              | -       | -        | -            | -        | -                    | -             | -                 | -                | -                 | -             | -               | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            |                                |
| SPT-6   | 10.50                                                                                                                       | 20                  | 16                     |                                                | -                |  |                   |           | -      | -               | -              | -       | -        | -            | -        | -                    | -             | -                 | -                | -                 | -             | -               | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            |                                |
| SPT-7   | 12.00                                                                                                                       | 20                  | 15                     |                                                | SM               |  |                   |           | 0      | 21              | 72             | 5       | 2        | 0            | 0        | 0                    | -             | NP                | -                | 1.76              | 12.00         | 1.57            | 2.61                              | DST+                         | -                                | 0                | 31           | -                                | -                      | -                    | -                                       | -                     | -                            | -                              |
| SPT-8   | 13.50                                                                                                                       | 25                  | 18                     |                                                | -                |  |                   |           | -      | -               | -              | -       | -        | -            | -        | -                    | -             | -                 | -                | -                 | -             | -               | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              |
| SPT-9   | 15.00                                                                                                                       | 25                  | 17                     |                                                | -                |  |                   |           | -      | -               | -              | -       | -        | -            | -        | -                    | -             | -                 | -                | -                 | -             | -               | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              |
| SPT-10  | 16.50                                                                                                                       | 27                  | 18                     |                                                | SM               |  |                   |           | 0      | 23              | 68             | 7       | 2        | 0            | 0        | 0                    | -             | NP                | -                | -                 | -             | -               | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              |
| SPT-11  | 18.00                                                                                                                       | 27                  | 17                     |                                                | -                |  |                   |           | -      | -               | -              | -       | -        | -            | -        | -                    | -             | -                 | -                | -                 | -             | -               | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              |
| SPT-12  | 19.50                                                                                                                       | 33                  | 20                     |                                                | -                |  |                   |           | -      | -               | -              | -       | -        | -            | -        | -                    | -             | -                 | -                | -                 | -             | -               | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              |
| SPT-13  | 21.00                                                                                                                       | 35                  | 20                     |                                                | SM               |  |                   |           | 0      | 28              | 64             | 6       | 2        | 0            | 0        | 0                    | -             | NP                | -                | 1.83              | 12.50         | 1.63            | 2.62                              | DST+                         | -                                | 0                | 31           | -                                | -                      | -                    | -                                       | -                     | -                            | -                              |
| SPT-14  | 22.50                                                                                                                       | 52                  | 28                     |                                                | -                |  |                   |           | -      | -               | -              | -       | -        | -            | -        | -                    | -             | -                 | -                | -                 | -             | -               | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              |
| SPT-15  | 24.00                                                                                                                       | 57                  | 30                     |                                                | -                |  |                   |           | -      | -               | -              | -       | -        | -            | -        | -                    | -             | -                 | -                | -                 | -             | -               | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              |
| SPT-16  | 25.50                                                                                                                       | 65                  | 33                     | Dense to Very Dense, Brown to Grey, Silty Sand | SM               |  |                   | 0         | 18     | 61              | 12             | 8       | 1        | 0            | 0        | -                    | NP            | -                 | 1.86             | 13.00             | 1.65          | 2.61            | DST+                              | -                            | 0                                | 32               | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              |
| SPT-17  | 27.00                                                                                                                       | 89                  | 43                     |                                                | -                |  |                   |           | -      | -               | -              | -       | -        | -            | -        | -                    | -             | -                 | -                | -                 | -             | -               | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              |

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Toddi Mod (Total approximate length -42.8 km) |                     |                        |                         |                                                         |                   |           |                                       |      |      | Date of Boring |        | Location |                    | B.H. No.      |                  | Depth of Water Table |                                   | Termination Depth            |                                  | Coordinates (E,N) |              |                                  |                        |                      |                                         | R.L.                  |                              | Ref. Code                      |                                                          |                                                         |                                     |   |   |   |   |
|---------|-----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|-------------------------|---------------------------------------------------------|-------------------|-----------|---------------------------------------|------|------|----------------|--------|----------|--------------------|---------------|------------------|----------------------|-----------------------------------|------------------------------|----------------------------------|-------------------|--------------|----------------------------------|------------------------|----------------------|-----------------------------------------|-----------------------|------------------------------|--------------------------------|----------------------------------------------------------|---------------------------------------------------------|-------------------------------------|---|---|---|---|
|         | Sample Type                                                                                                                 | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N) | Soil Description                                        | IS Classification | IS Symbol | Grain Size Distribution % wt retained |      |      |                |        |          | Atterberg Limits % |               |                  |                      | NOT ENCOUNTERED                   |                              | 50.00 m                          |                   | 576554.000 m |                                  |                        | 2981752.000 m        |                                         |                       | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>v</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>2</sup> /kg) | Compression Index (C <sub>p</sub> ) |   |   |   |   |
|         |                                                                                                                             |                     |                        |                         |                                                         |                   |           | Clay                                  | Silt | Sand |                | Gravel |          | Liquid Limit       | Plastic Limit | Plasticity Index | Shrinkage Limit      | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity  | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) |                              |                                |                                                          |                                                         |                                     |   |   |   |   |
|         | SPT-18                                                                                                                      | 28.50               | 93                     | 43                      | Very Dense, Brown to Grey, Poorly Graded Sand with silt | -                 |           | -                                     | -    | -    | -              | -      | -        | -                  | -             | -                | -                    | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - |   |
|         | SPT-19                                                                                                                      | 30.00               | 98                     | 45                      |                                                         | SM                |           | 0                                     | 25   | 61   | 8              | 4      | 2        | 0                  | -             | NP               | -                    | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - |   |
|         | SPT-20                                                                                                                      | 31.50               | 100                    | 46                      |                                                         | -                 |           | -                                     | -    | -    | -              | -      | -        | -                  | -             | -                | -                    | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - |   |
|         | SPT-21                                                                                                                      | 33.00               | >100                   | -                       |                                                         | SP-SM             |           | 0                                     | 11   | 59   | 17             | 9      | 4        | 0                  | -             | NP               | -                    | 1.89                              | 13.00                        | 1.67                             | 2.62              | DST+         | 0                                | 33                     | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - | - |
|         | SPT-22                                                                                                                      | 34.50               | >100                   | -                       |                                                         | -                 |           | -                                     | -    | -    | -              | -      | -        | -                  | -             | -                | -                    | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - |   |
|         | SPT-23                                                                                                                      | 36.00               | >100                   | -                       |                                                         | -                 |           | -                                     | -    | -    | -              | -      | -        | -                  | -             | -                | -                    | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - |   |
|         | SPT-24                                                                                                                      | 37.50               | >100                   | -                       |                                                         | -                 |           | -                                     | -    | -    | -              | -      | -        | -                  | -             | -                | -                    | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - |   |
|         | SPT-25                                                                                                                      | 39.00               | >100                   | -                       |                                                         | SP-SM             |           | 0                                     | 6    | 58   | 18             | 12     | 6        | 0                  | -             | NP               | -                    | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - | - |
|         | SPT-26                                                                                                                      | 40.50               | >100                   | -                       |                                                         | -                 |           | -                                     | -    | -    | -              | -      | -        | -                  | -             | -                | -                    | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - |   |
|         | SPT-27                                                                                                                      | 42.00               | >100                   | -                       |                                                         | -                 |           | -                                     | -    | -    | -              | -      | -        | -                  | -             | -                | -                    | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - |   |
|         | SPT-28                                                                                                                      | 43.50               | >100                   | -                       |                                                         | -                 |           | -                                     | -    | -    | -              | -      | -        | -                  | -             | -                | -                    | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - |   |
|         | SPT-29                                                                                                                      | 45.00               | >100                   | -                       |                                                         | SP-SM             |           | 0                                     | 7    | 48   | 24             | 14     | 7        | 0                  | -             | NP               | -                    | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - | - |
|         | SPT-30                                                                                                                      | 46.50               | >100                   | -                       | -                                                       |                   | -         | -                                     | -    | -    | -              | -      | -        | -                  | -             | -                | -                    | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - |   |
|         | SPT-31                                                                                                                      | 48.00               | >100                   | -                       | -                                                       |                   | -         | -                                     | -    | -    | -              | -      | -        | -                  | -             | -                | -                    | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - |   |
|         | SPT-32                                                                                                                      | 49.50               | >100                   | -                       | -                                                       |                   | -         | -                                     | -    | -    | -              | -      | -        | -                  | -             | -                | -                    | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - |   |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Toddi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                  |  |       |  |                   |           | Date of Boring                        |  | Location |  | B.H. No.           | Depth of Water Table |  | Termination Depth                 |                              | Coordinates (E,N)                |                  |   |                |  |  | R.L.                 | Ref. Code                               |                       |                          |              |                                  |                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|         | 31-08-2026                                                                                                                  |                     | to                     |                                       | 03-09-2026       |  | P-939 |  | BH-334            |           | NOT ENCOUNTERED                       |  | 50.00 m  |  |                    | 576555.000 m         |  |                                   | 2981846.000 m                |                                  |                  | - |                |  |  |                      |                                         |                       |                          |              |                                  |                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         | Sample Type                                                                                                                 | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>s</sub> ) | Soil Description |  |       |  | IS Classification | IS Symbol | Grain Size Distribution % wt retained |  |          |  | Atterberg Limits % |                      |  | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity |   | Shear Strength |  |  | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Consolidation Parameters |              |                                  |                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |                                                                                                                             |                     |                        |                                       |                  |  |       |  |                   |           |                                       |  |          |  |                    |                      |  |                                   |                              |                                  |                  |   |                |  |  |                      |                                         |                       |                          | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

## SOIL CHARACTERISTICS

[illegible]

Abbreviations:-  
 SPT- Standard Penetration Test, UDS- Undisturbed Sample, UDS\*- UDS not recovered, DST- Direct Shear Test, UUT- Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project    | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                  |                   |           |                                       |      |      | Date of Boring |        |        | Chainage/Location  |              | B.H. No.      |                  | Depth of Water Table |                                   | Termination Depth            |                | Coordinates (E,N) |  |                      |                                         |                       |                              | R.L.                           |                                                          | Ref. Code                                               |                                     |                                  |                  |              |                                  |                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|            | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>s</sub> ) | Soil Description | IS Classification | IS Symbol | Grain Size Distribution % wt retained |      |      |                |        |        | Atterberg Limits % |              |               | NOT ENCOUNTERED  |                      | 50.00 m                           |                              | Shear Strength |                   |  | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>y</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>y</sub> x 10 <sup>-2</sup> (cm <sup>3</sup> /Kg) | Compression Index (C <sub>c</sub> ) |                                  |                  |              |                                  |                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            |                                                                                                                            |                     |                        |                                       |                  |                   |           | Clay                                  | Silt | Fine | Medium         | Coarse | Gravel |                    | Liquid Limit | Plastic Limit | Plasticity Index | Shrinkage Limit      | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) |                |                   |  |                      |                                         |                       |                              |                                |                                                          |                                                         |                                     | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23-08-2026 | to                                                                                                                         | 26-08-2026          | P-971                  | BH-345                                |                  |                   |           |                                       |      |      |                |        |        |                    |              |               |                  |                      |                                   |                              |                |                   |  |                      |                                         |                       |                              |                                |                                                          |                                                         |                                     |                                  |                  |              |                                  |                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todī Mod (Total approximate length -42.8 km) |                     |                        |                                       |                                       |                   |           |                                       |   |   | Date of Boring |   | Chainage/Location |                    | B.H. No. | Depth of Water Table |               | Termination Depth |                 | Coordinates (E,N)    |                              |                     |                  |              |   | R.L. | Ref. Code           |   |                        |                      |                            |                       |                              |                   |                                             |                                            |                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------|----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------------------------|---------------------------------------|-------------------|-----------|---------------------------------------|---|---|----------------|---|-------------------|--------------------|----------|----------------------|---------------|-------------------|-----------------|----------------------|------------------------------|---------------------|------------------|--------------|---|------|---------------------|---|------------------------|----------------------|----------------------------|-----------------------|------------------------------|-------------------|---------------------------------------------|--------------------------------------------|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                      | IS Classification | IS Symbol | Grain Size Distribution % wt retained |   |   |                |   |                   | Atterberg Limits % |          |                      |               | NOT ENCOUNTERED   |                 | 50.00 m              |                              | -                   |                  | -            |   |      |                     |   |                        | -                    | SR-1241_25-26              |                       |                              |                   |                                             |                                            |                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|         |                                                                                                                            |                     |                        |                                       |                                       |                   |           | Silt                                  |   |   | Sand           |   |                   | Gravel             |          | Liquid Limit         | Plastic Limit | Plasticity Index  | Shrinkage Limit | Bulk Density (g/cm³) | Natural Moisture Content (%) | Dry Density (g/cm³) | Specific Gravity | Type of Test |   |      | Cohesion C (kg/cm²) |   | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm²) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm²) | C <sub>y</sub> x 10 <sup>-4</sup> (cm²/Sec) | M <sub>y</sub> x 10 <sup>-2</sup> (cm³/Kg) | Compression Index (C <sub>c</sub> ) |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| SPT-17  | 27.00                                                                                                                      | 57                  | 27                     |                                       | Very Dense, Greyish Brown, Silty Sand | -                 |           | -                                     | - | - | -              | - | -                 | -                  | -        | -                    | -             | -                 | -               | -                    | -                            | -                   | -                | -            | - | -    | -                   | - | -                      | -                    | -                          | -                     | -                            | -                 | -                                           | -                                          | -                                   | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                  |                                                                                     |                                                                                     |                                                                                     |        |      | Date of Boring  |        | Chainage/Location |        | B.H. No.     | Depth of Water Table |                  | Termination Depth |                                   | Coordinates (E,N)            |                                  |                  |              |                                  |                        | R.L.                 | Ref. Code                               |                       |                              |                                |                                                          |                                                         |                                     |   |
|---------|----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------------------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|------|-----------------|--------|-------------------|--------|--------------|----------------------|------------------|-------------------|-----------------------------------|------------------------------|----------------------------------|------------------|--------------|----------------------------------|------------------------|----------------------|-----------------------------------------|-----------------------|------------------------------|--------------------------------|----------------------------------------------------------|---------------------------------------------------------|-------------------------------------|---|
|         | 23-08-2026                                                                                                                 |                     | to                     |                                       | 25-08-2026       |                                                                                     | P-975                                                                               |                                                                                     | BH-346 |      | NOT ENCOUNTERED |        | 50.00 m           |        |              | -                    |                  | -                 |                                   |                              |                                  |                  |              | SR-1241_25-26                    |                        |                      |                                         |                       |                              |                                |                                                          |                                                         |                                     |   |
|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description | IS Classification                                                                   | IS Symbol                                                                           | Clay                                                                                | Silt   | Fine | Medium          | Coarse | Fine              | Coarse | Liquid Limit | Plastic Limit        | Plasticity Index | Shrinkage Limit   | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>x</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>x</sub> x 10 <sup>-2</sup> (cm <sup>2</sup> /Kg) | Compression Index (C <sub>c</sub> ) |   |
| DS-1    | 0.00                                                                                                                       | -                   | -                      | Filled up Soil                        | -                |  | -                                                                                   | -                                                                                   | -      | -    | -               | -      | -                 | -      | -            | -                    | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   |   |
| SPT-1   | 3.00                                                                                                                       | 17                  | 21                     |                                       | SM               |                                                                                     |  | 0                                                                                   | 18     | 72   | 8               | 2      | 0                 | 0      | -            | -                    | NP               | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - |
| SPT-2   | 4.50                                                                                                                       | 20                  | 22                     |                                       | -                |                                                                                     |                                                                                     | -                                                                                   | -      | -    | -               | -      | -                 | -      | -            | -                    | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - |
| UDS-1   | 5.50                                                                                                                       | -                   | -                      |                                       | SM               |                                                                                     |                                                                                     |  | 0      | 16   | 76              | 7      | 1                 | 0      | 0            | -                    | Nil              | NP                | -                                 | 1.74                         | 10.21                            | 1.58             | 2.63         | DST                              | 0.00                   | 30                   | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - |
| SPT-3   | 6.00                                                                                                                       | 24                  | 24                     | -                                     | -                | -                                                                                   |                                                                                     |                                                                                     | -      | -    | -               | -      | -                 | -      | -            | -                    | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   |   |
| SPT-4   | 7.50                                                                                                                       | 28                  | 26                     | -                                     | -                | -                                                                                   | -                                                                                   |                                                                                     | -      | -    | -               | -      | -                 | -      | -            | -                    | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       |                                     |   |
| UDS-2   | 8.50                                                                                                                       | -                   | -                      | Medium Dense, Brownish, Silty Sand    | SM               |  | 0                                                                                   |                                                                                     | 16     | 69   | 12              | 2      | 1                 | 0      | -            | Nil                  | NP               | -                 | 1.81                              | 11.73                        | 1.62                             | 2.61             | DST          | 0.00                             | 31                     | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - |
| SPT-5   | 9.00                                                                                                                       | 31                  | 27                     |                                       | -                |                                                                                     | -                                                                                   | -                                                                                   | -      | -    | -               | -      | -                 | -      | -            | -                    | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   |   |
| SPT-6   | 10.50                                                                                                                      | 34                  | 27                     |                                       | -                |                                                                                     | -                                                                                   | -                                                                                   | -      | -    | -               | -      | -                 | -      | -            | -                    | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   |   |
| UDS*    | 11.50                                                                                                                      | -                   | -                      |                                       | -                |                                                                                     | -                                                                                   | -                                                                                   | -      | -    | -               | -      | -                 | -      | -            | -                    | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   |   |
| SPT-7   | 12.00                                                                                                                      | 37                  | 28                     | Dense, Brownish to Grey, Silty Sand   | SM               |  | 0                                                                                   | 20                                                                                  | 66     | 8    | 6               | 0      | 0                 | -      | Nil          | NP                   | -                | 1.83              | 12.50                             | 1.63                         | 2.62                             | DST+             | 0.00         | 31                               | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   |   |
| SPT-8   | 13.50                                                                                                                      | 39                  | 28                     |                                       | -                |                                                                                     | -                                                                                   | -                                                                                   | -      | -    | -               | -      | -                 | -      | -            | -                    | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   |   |
| SPT-9   | 15.00                                                                                                                      | 42                  | 28                     |                                       | -                |                                                                                     | -                                                                                   | -                                                                                   | -      | -    | -               | -      | -                 | -      | -            | -                    | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   |   |
| SPT-10  | 16.50                                                                                                                      | 45                  | 29                     |                                       | SM               |                                                                                     | -                                                                                   | -                                                                                   | 0      | 23   | 61              | 10     | 4                 | 2      | 0            | -                    | Nil              | NP                | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - |
| SPT-11  | 18.00                                                                                                                      | 48                  | 29                     |                                       | -                |  | -                                                                                   | -                                                                                   | -      | -    | -               | -      | -                 | -      | -            | -                    | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   |   |
| SPT-12  | 19.50                                                                                                                      | 52                  | 30                     |                                       | -                |                                                                                     | -                                                                                   | -                                                                                   | -      | -    | -               | -      | -                 | -      | -            | -                    | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   |   |
| SPT-13  | 21.00                                                                                                                      | 56                  | 31                     |                                       | SM               |                                                                                     | -                                                                                   | -                                                                                   | 0      | 26   | 55              | 11     | 5                 | 3      | 0            | -                    | Nil              | NP                | -                                 | 1.86                         | 13.00                            | 1.65             | 2.60         | DST+                             | 0.00                   | 32                   | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   |   |
| SPT-14  | 22.50                                                                                                                      | 58                  | 31                     |                                       | -                |                                                                                     | -                                                                                   | -                                                                                   | -      | -    | -               | -      | -                 | -      | -            | -                    | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - |
| SPT-15  | 24.00                                                                                                                      | 62                  | 32                     |                                       | -                |  | -                                                                                   | -                                                                                   | -      | -    | -               | -      | -                 | -      | -            | -                    | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   |   |
| SPT-16  | 25.50                                                                                                                      | 65                  | 32                     |                                       | SM               |                                                                                     | -                                                                                   | -                                                                                   | 0      | 21   | 62              | 7      | 9                 | 1      | 0            | -                    | Nil              | NP                | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                                       |                   |           |                                       |   |      | Date of Boring |        | Chainage/Location |                    | B.H. No. | Depth of Water Table |   | Termination Depth |               | Coordinates (E,N) |                 |                                   |                              |                                  |                  | R.L.         | Ref. Code |                                  |   |                        |   |                      |                                         |                       |                              |                                |                                                          |                                                         |                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
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|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                      | IS Classification | IS Symbol | Grain Size Distribution % wt retained |   |      |                |        |                   | Atterberg Limits % |          |                      |   | NOT ENCOUNTERED   |               | 50.00 m           |                 | -                                 |                              | -                                |                  | -            |           |                                  |   |                        |   |                      |                                         |                       |                              |                                |                                                          |                                                         |                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|         |                                                                                                                            |                     |                        |                                       |                                       |                   |           | Silt                                  |   | Fine |                | Medium |                   | Coarse             |          | Gravel               |   | Liquid Limit      | Plastic Limit | Plasticity Index  | Shrinkage Limit | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity | Type of Test |           | Cohesion C (kg/cm <sup>2</sup> ) |   | Angle of Friction (φ°) |   | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>v</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>3</sup> /Kg) | Compression Index (C <sub>c</sub> ) |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| SPT-17  | 27.00                                                                                                                      | 68                  | 32                     |                                       | Very Dense, Greyish Brown, Silty Sand | -                 |           | -                                     | - | -    | -              | -      | -                 | -                  | -        | -                    | - | -                 | -             | -                 | -               | -                                 | -                            | -                                | -                | -            | -         | -                                | - | -                      | - | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                  |                   | Date of Boring                                                                      |                                       | Chainage/Location |      | B.H. No. |        | Depth of Water Table |              | Termination Depth |                  | Coordinates (E,N) |                                   |                              |                                  |                  |              | R.L.                             |                        | Ref. Code            |                                         |                       |                              |                                |                                                          |                                                         |                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------|----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------------------------|------------------|-------------------|-------------------------------------------------------------------------------------|---------------------------------------|-------------------|------|----------|--------|----------------------|--------------|-------------------|------------------|-------------------|-----------------------------------|------------------------------|----------------------------------|------------------|--------------|----------------------------------|------------------------|----------------------|-----------------------------------------|-----------------------|------------------------------|--------------------------------|----------------------------------------------------------|---------------------------------------------------------|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|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|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description | IS Classification | IS Symbol                                                                           | Grain Size Distribution % wt retained |                   |      |          |        | Atterberg Limits %   |              |                   | NOT ENCOUNTERED  |                   | 50.00 m                           |                              | -                                |                  |              | -                                |                        |                      | SR-1241_25-26                           |                       |                              |                                |                                                          |                                                         |                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|         |                                                                                                                            |                     |                        |                                       |                  |                   |                                                                                     | Clay                                  | Silt              | Fine | Medium   | Coarse | Gravel               | Liquid Limit | Plastic Limit     | Plasticity Index | Shrinkage Limit   | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>y</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>s</sub> x 10 <sup>-2</sup> (cm <sup>2</sup> /Kg) | Compression Index (C <sub>p</sub> ) |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   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|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|         | DS-1                                                                                                                       | 0.00                | -                      | -                                     | Filled up Soil   | -                 |  | -                                     | -                 | -    | -        | -      | -                    | -            | -                 | -                | -                 | -                                 | -                            | -                                | -                | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - | - | - | - | - | - | - | - | - | - | - | - 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| - | - | - |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todī Mod (Total approximate length -42.8 km) |                     |                        |                                       |                                       |                   |           |                                       |      |      | Date of Boring |        | Chainage/Location  |        | B.H. No. |                 | Depth of Water Table |                  | Termination Depth |              | Coordinates (E,N)                |                        |                      |                                         |                       |                              | R.L.                           |                                                          | Ref. Code                                              |                                     |                                   |                              |                                  |                  |
|---------|----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------------------------|---------------------------------------|-------------------|-----------|---------------------------------------|------|------|----------------|--------|--------------------|--------|----------|-----------------|----------------------|------------------|-------------------|--------------|----------------------------------|------------------------|----------------------|-----------------------------------------|-----------------------|------------------------------|--------------------------------|----------------------------------------------------------|--------------------------------------------------------|-------------------------------------|-----------------------------------|------------------------------|----------------------------------|------------------|
|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                      | IS Classification | IS Symbol | Grain Size Distribution % wt retained |      |      |                |        | Atterberg Limits % |        |          | NOT ENCOUNTERED |                      | 50.00 m          |                   | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>y</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>y</sub> x 10 <sup>2</sup> (cm <sup>3</sup> /Kg) | Compression Index (C <sub>c</sub> ) |                                   |                              |                                  |                  |
|         |                                                                                                                            |                     |                        |                                       |                                       |                   |           | Clay                                  | Silt | Fine | Medium         | Coarse | Fine               | Coarse | Gravel   | Liquid Limit    | Plastic Limit        | Plasticity Index | Shrinkage Limit   |              |                                  |                        |                      |                                         |                       |                              |                                |                                                          |                                                        |                                     | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity |
|         | SPT-17                                                                                                                     | 27.00               | 63                     | 30                                    | Very Dense, Greyish Brown, Silty Sand | -                 |           | -                                     | -    | -    | -              | -      | -                  | -      | -        | -               | -                    | -                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                |                  |
|         | SPT-18                                                                                                                     | 28.50               | 67                     | 31                                    |                                       | -                 |           | -                                     | -    | -    | -              | -      | -                  | -      | -        | -               | -                    | -                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                |                  |
|         | SPT-19                                                                                                                     | 30.00               | 70                     | 32                                    |                                       | SM                |           | 0                                     | 19   | 59   | 9              | 10     | 3                  | 0      | -        | Nil             | NP                   | -                | 1.86              | 13.00        | 1.65                             | 2.59                   | DST+                 | 0.00                                    | 32                    | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                |                  |
|         | SPT-20                                                                                                                     | 31.50               | 73                     | 34                                    |                                       | -                 |           | -                                     | -    | -    | -              | -      | -                  | -      | -        | -               | -                    | -                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                |                  |
|         | SPT-21                                                                                                                     | 33.00               | 76                     | 35                                    |                                       | -                 |           | -                                     | -    | -    | -              | -      | -                  | -      | -        | -               | -                    | -                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                |                  |
|         | SPT-22                                                                                                                     | 34.50               | 81                     | 37                                    |                                       | SM                |           | 0                                     | 20   | 62   | 8              | 8      | 2                  | 0      | -        | Nil             | NP                   | -                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                |                  |
|         | SPT-23                                                                                                                     | 36.00               | 85                     | 39                                    |                                       | -                 |           | -                                     | -    | -    | -              | -      | -                  | -      | -        | -               | -                    | -                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                |                  |
|         | SPT-24                                                                                                                     | 37.50               | 90                     | 41                                    |                                       | -                 |           | -                                     | -    | -    | -              | -      | -                  | -      | -        | -               | -                    | -                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                |                  |
|         | SPT-25                                                                                                                     | 39.00               | 95                     | 44                                    |                                       | SM                |           | 0                                     | 20   | 58   | 14             | 7      | 1                  | 0      | -        | Nil             | NP                   | -                | 1.88              | 13.50        | 1.66                             | 2.62                   | DST+                 | 0.00                                    | 33                    | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                |                  |
|         | SPT-26                                                                                                                     | 40.50               | 98                     | 45                                    |                                       | -                 |           | -                                     | -    | -    | -              | -      | -                  | -      | -        | -               | -                    | -                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                |                  |
|         | SPT-27                                                                                                                     | 42.00               | 99                     | 46                                    |                                       | -                 |           | -                                     | -    | -    | -              | -      | -                  | -      | -        | -               | -                    | -                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                |                  |
|         | SPT-28                                                                                                                     | 43.50               | >100                   | -                                     |                                       | SM                |           | 0                                     | 13   | 65   | 9              | 9      | 4                  | 0      | -        | Nil             | NP                   | -                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                | -                |
|         | SPT-29                                                                                                                     | 45.00               | >100                   | -                                     |                                       | -                 |           | -                                     | -    | -    | -              | -      | -                  | -      | -        | -               | -                    | -                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                | -                |
|         | SPT-30                                                                                                                     | 46.50               | >100                   | -                                     |                                       | -                 |           | -                                     | -    | -    | -              | -      | -                  | -      | -        | -               | -                    | -                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                | -                |
|         | SPT-31                                                                                                                     | 48.00               | >100                   | -                                     |                                       | SM                |           | 0                                     | 14   | 55   | 16             | 10     | 5                  | 0      | -        | Nil             | NP                   | -                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                | -                |
|         | SPT-32                                                                                                                     | 50.00               | >100                   | -                                     |                                       | -                 |           | -                                     | -    | -    | -              | -      | -                  | -      | -        | -               | -                    | -                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                      | -                                   | -                                 | -                            | -                                | -                |

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DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                  |                   |                                                                                     |                                       |      |      | Date of Boring |        | Chainage/Location |                    | B.H. No. |              | Depth of Water Table |                              | Termination Depth |                                  | Coordinates (E,N) |                                   |                              |              |                      |                                         | R.L.                  |                              | Ref. Code                      |                                                          |                                                         |                                     |                                  |                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------|----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------------------------|------------------|-------------------|-------------------------------------------------------------------------------------|---------------------------------------|------|------|----------------|--------|-------------------|--------------------|----------|--------------|----------------------|------------------------------|-------------------|----------------------------------|-------------------|-----------------------------------|------------------------------|--------------|----------------------|-----------------------------------------|-----------------------|------------------------------|--------------------------------|----------------------------------------------------------|---------------------------------------------------------|-------------------------------------|----------------------------------|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>s</sub> ) | Soil Description | IS Classification | IS Symbol                                                                           | Grain Size Distribution % wt retained |      |      |                |        |                   | Atterberg Limits % |          |              |                      | Natural Moisture Content (%) |                   | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity  | Shear Strength                    |                              |              | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>s</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>s</sub> x 10 <sup>-2</sup> (cm <sup>2</sup> /Kg) | Compression Index (C <sub>c</sub> ) |                                  |                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|         |                                                                                                                            |                     |                        |                                       |                  |                   |                                                                                     | Clay                                  | Silt | Fine | Medium         | Coarse | Fine              | Coarse             | Gravel   | Liquid Limit | Plastic Limit        | Plasticity Index             | Shrinkage Limit   |                                  |                   | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Type of Test |                      |                                         |                       |                              |                                |                                                          |                                                         |                                     | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   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|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|         | DS-1                                                                                                                       | 0.00                | -                      | -                                     | Filled up Soil   | -                 |  | -                                     | -    | -    | -              | -      | -                 | -                  | -        | -            | -                    | -                            | -                 | 50.00 m                          | -                 | -                                 | -                            | -            | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | -                                | -                      | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - 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| - | - | - |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

## SOIL CHARACTERISTICS

[illegible]

Abbreviations:-  
 AS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+-Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                                     |                                                                                     |           |                                       |        |      | Date of Boring  |        | Chainage/Location  |        | B.H. No.     | Depth of Water Table |                              | Termination Depth   |                  | Coordinates (E,N) |                  |                 |                      |                            |                       | R.L. | Ref. Code |   |
|---------|----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|-----------|---------------------------------------|--------|------|-----------------|--------|--------------------|--------|--------------|----------------------|------------------------------|---------------------|------------------|-------------------|------------------|-----------------|----------------------|----------------------------|-----------------------|------|-----------|---|
|         | 21-08-2026                                                                                                                 |                     | to                     |                                       | 23-08-2026                          |                                                                                     | P-985     |                                       | BH-349 |      | NOT ENCOUNTERED |        | 50.00 m            |        |              | -                    |                              | -                   |                  |                   |                  |                 |                      |                            |                       |      |           |   |
|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                    | IS Classification                                                                   | IS Symbol | Grain Size Distribution % wt retained |        |      |                 |        | Atterberg Limits % |        |              | Bulk Density (g/cm³) | Natural Moisture Content (%) | Dry Density (g/cm³) | Specific Gravity | Shear Strength    |                  |                 | Free Swell Index (%) | Swelling Pressure (kg/cm²) | Permeability (cm/sec) |      |           |   |
|         |                                                                                                                            |                     |                        |                                       |                                     |                                                                                     |           |                                       |        | Silt | Fine            | Medium | Coarse             | Gravel | Liquid Limit |                      |                              |                     |                  | Plastic Limit     | Plasticity Index | Shrinkage Limit |                      |                            |                       |      |           |   |
| DS-1    | 0.00                                                                                                                       | -                   | -                      | Filled up Soil                        | -                                   |  | -         | -                                     | -      | -    | -               | -      | -                  | -      | -            | -                    | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    |           | - |
| SPT-1   | 3.00                                                                                                                       | 17                  | 21                     |                                       | SM                                  |                                                                                     |           | 0                                     | 22     | 71   | 6               | 1      | 0                  | 0      | Nil          | NP                   | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    |           | - |
| SPT-2   | 4.50                                                                                                                       | 20                  | 22                     |                                       | -                                   |                                                                                     |           | -                                     | -      | -    | -               | -      | -                  | -      | -            | -                    | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    | -         | - |
| UDS-1   | 5.50                                                                                                                       | -                   | -                      |                                       | SM                                  |                                                                                     |           | 0                                     | 18     | 77   | 3               | 2      | 0                  | 0      | Nil          | NP                   | -                            | 1.75                | 11.30            | 2.63              | DST              | 0.00            | 30                   | -                          | -                     | -    | -         | - |
| SPT-3   | 6.00                                                                                                                       | 24                  | 24                     |                                       | -                                   |                                                                                     |           | -                                     | -      | -    | -               | -      | -                  | -      | -            | -                    | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    | -         | - |
| SPT-4   | 7.50                                                                                                                       | 27                  | 25                     | Medium Dense, Brownish, Silty Sand    | -                                   |                                                                                     | -         | -                                     | -      | -    | -               | -      | -                  | -      | -            | -                    | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    |           |   |
| UDS-2   | 8.50                                                                                                                       | -                   | -                      |                                       | SM                                  |                                                                                     | 0         | 25                                    | 68     | 5    | 2               | 0      | 0                  | Nil    | NP           | -                    | 1.79                         | 11.85               | 2.61             | DST               | 0.00             | 31              | -                    | -                          | -                     | -    | -         |   |
| SPT-5   | 9.00                                                                                                                       | 32                  | 27                     |                                       | -                                   |                                                                                     | -         | -                                     | -      | -    | -               | -      | -                  | -      | -            | -                    | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    |           |   |
| SPT-6   | 10.50                                                                                                                      | 38                  | 31                     |                                       | -                                   |                                                                                     | -         | -                                     | -      | -    | -               | -      | -                  | -      | -            | -                    | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    |           |   |
| UDS-3   | 11.50                                                                                                                      | -                   | -                      |                                       | Dense, Brownish to Grey, Silty Sand | SM                                                                                  |           | 0                                     | 25     | 70   | 4               | 1      | 0                  | 0      | Nil          | NP                   | -                            | 1.82                | 12.35            | 2.62              | DST              | 0.00            | 31                   | -                          | -                     | -    | -         | - |
| SPT-7   | 12.00                                                                                                                      | 40                  | 30                     | -                                     |                                     |                                                                                     | -         | -                                     | -      | -    | -               | -      | -                  | -      | -            | -                    | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    |           |   |
| SPT-8   | 13.50                                                                                                                      | 44                  | 31                     | -                                     |                                     |                                                                                     | -         | -                                     | -      | -    | -               | -      | -                  | -      | -            | -                    | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    |           |   |
| SPT-9   | 15.00                                                                                                                      | 47                  | 32                     | SM                                    |                                     |                                                                                     | 0         | 21                                    | 66     | 8    | 4               | 1      | 0                  | Nil    | NP           | -                    | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    | -         |   |
| SPT-10  | 16.50                                                                                                                      | 51                  | 33                     |                                       |                                     | -                                                                                   |           | -                                     | -      | -    | -               | -      | -                  | -      | -            | -                    | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    | -         |   |
| SPT-11  | 18.00                                                                                                                      | 55                  | 34                     |                                       | -                                   |                                                                                     | -         | -                                     | -      | -    | -               | -      | -                  | -      | -            | -                    | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    |           |   |
| SPT-12  | 19.50                                                                                                                      | 60                  | 35                     |                                       | SM                                  |                                                                                     | 0         | 22                                    | 64     | 10   | 4               | 0      | 0                  | Nil    | NP           | -                    | 1.84                         | 13.00               | 2.60             | DST+              | 0.00             | 32              | -                    | -                          | -                     | -    | -         |   |
| SPT-13  | 21.00                                                                                                                      | 63                  | 35                     |                                       | -                                   |                                                                                     | -         | -                                     | -      | -    | -               | -      | -                  | -      | -            | -                    | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    |           |   |
| SPT-14  | 22.50                                                                                                                      | 67                  | 36                     |                                       |                                     | -                                                                                   |           | -                                     | -      | -    | -               | -      | -                  | -      | -            | -                    | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    | -         |   |
| SPT-15  | 24.00                                                                                                                      | 72                  | 37                     | SM                                    |                                     |                                                                                     | 0         | 21                                    | 63     | 7    | 8               | 1      | 0                  | Nil    | NP           | -                    | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    | -         |   |
| SPT-16  | 25.50                                                                                                                      | 75                  | 37                     | -                                     |                                     |                                                                                     | -         | -                                     | -      | -    | -               | -      | -                  | -      | -            | -                    | -                            | -                   | -                | -                 | -                | -               | -                    | -                          | -                     | -    |           |   |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Toddi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                  |                   | Date of Boring |                                       | Chainage/Location |  | B.H. No. |  | Depth of Water Table |                    | Termination Depth |                  | Coordinates (E,N) |                                   |                              |                                  |                  |                   | R.L.                             |                        | Ref. Code            |                                         |                       |      |           |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|         | Sample Type                                                                                                                 | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description | IS Classification | IS Symbol      | Grain Size Distribution % wt retained |                   |  |          |  |                      | Atterberg Limits % |                   |                  |                   | Depth of Water Table              |                              | Termination Depth                |                  | Coordinates (E,N) |                                  |                        |                      |                                         |                       | R.L. | Ref. Code |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |                                                                                                                             |                     |                        |                                       |                  |                   |                | Sand                                  |                   |  | Gravel   |  |                      | Liquid Limit       | Plastic Limit     | Plasticity Index | Shrinkage Limit   | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity | Type of Test      | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) |      |           | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>y</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>s</sub> x 10 <sup>-2</sup> (cm <sup>3</sup> /Kg) | Compression Index (C <sub>c</sub> ) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPT-17  | 27.00                                                                                                                       | 78                  | 37                     | Very Dense, Greyish Brown, Silty Sand | -                |                   |                |                                       |                   |  |          |  |                      |                    |                   |                  |                   |                                   |                              |                                  |                  |                   |                                  |                        |                      |                                         |                       |      |           |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                                      |                   |                                                                                     |                                       |      |      | Date of Boring |        |      | Chainage/Location  |              | B.H. No.      | Depth of Water Table              |                              |                                  | Termination Depth |                      | Coordinates (E,N)                       |                       |                  |                 |   |                              | R.L. | Ref. Code |                                |                                                          |                                                         |                                     |
|---------|----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------------------------|--------------------------------------|-------------------|-------------------------------------------------------------------------------------|---------------------------------------|------|------|----------------|--------|------|--------------------|--------------|---------------|-----------------------------------|------------------------------|----------------------------------|-------------------|----------------------|-----------------------------------------|-----------------------|------------------|-----------------|---|------------------------------|------|-----------|--------------------------------|----------------------------------------------------------|---------------------------------------------------------|-------------------------------------|
|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                     | IS Classification | IS Symbol                                                                           | Grain Size Distribution % wt retained |      |      |                |        |      | Atterberg Limits % |              |               | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity  | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Shear Strength   |                 |   | Void Ratio (e <sub>0</sub> ) |      |           | Pressure (kg/cm <sup>2</sup> ) | C <sub>v</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>2</sup> /kg) | Compression Index (C <sub>c</sub> ) |
|         |                                                                                                                            |                     |                        |                                       |                                      |                   |                                                                                     | Clay                                  | Silt | Fine | Medium         | Coarse | Fine | Coarse             | Liquid Limit | Plastic Limit |                                   |                              |                                  |                   |                      |                                         |                       | Plasticity Index | Shrinkage Limit |   |                              |      |           |                                |                                                          |                                                         |                                     |
|         | DS-1                                                                                                                       | 0.00                | -                      | -                                     | Filled Up soil consist of Silty Sand | -                 |  | -                                     | -    | -    | -              | -      | -    | -                  | -            | -             | -                                 | -                            | -                                | -                 | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | UDS*                                                                                                                       | 2.50                | -                      | -                                     | Medium Dense, Brownish, Silty Sand   | -                 |                                                                                     | -                                     | -    | -    | -              | -      | -    | -                  | -            | -             | -                                 | -                            | -                                | -                 | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-1                                                                                                                      | 3.00                | 18                     | 22                                    |                                      | SM                |                                                                                     | 0                                     | 30   | 62   | 8              | 0      | 0    | 0                  | 11.00        | 1.52          | 2.60                              | DST+                         | 0.00                             | 29                | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-2                                                                                                                      | 4.50                | 12                     | 13                                    |                                      | -                 |                                                                                     | -                                     | -    | -    | -              | -      | -    | -                  | -            | -             | -                                 | -                            | -                                | -                 | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | UDS*                                                                                                                       | 5.50                | -                      | -                                     |                                      | -                 |                                                                                     | -                                     | -    | -    | -              | -      | -    | -                  | -            | -             | -                                 | -                            | -                                | -                 | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-3                                                                                                                      | 6.00                | 15                     | 15                                    |                                      | SM                |                                                                                     | 0                                     | 28   | 65   | 5              | 2      | 0    | 0                  | -            | -             | -                                 | -                            | -                                | -                 | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-4                                                                                                                      | 7.50                | 18                     | 17                                    |                                      | -                 |                                                                                     | -                                     | -    | -    | -              | -      | -    | -                  | -            | -             | -                                 | -                            | -                                | -                 | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | UDS-1                                                                                                                      | 8.50                | -                      | -                                     |                                      | SM                |                                                                                     | 0                                     | 29   | 58   | 8              | 5      | 0    | 0                  | 11.49        | 1.55          | 2.61                              | DST                          | 0.00                             | 30                | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-5                                                                                                                      | 9.00                | 20                     | 17                                    |                                      | -                 |                                                                                     | -                                     | -    | -    | -              | -      | -    | -                  | -            | -             | -                                 | -                            | -                                | -                 | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-6                                                                                                                      | 10.50               | 25                     | 20                                    |                                      | -                 |                                                                                     | -                                     | -    | -    | -              | -      | -    | -                  | -            | -             | -                                 | -                            | -                                | -                 | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-7                                                                                                                      | 12.00               | 28                     | 21                                    |                                      | -                 |                                                                                     | -                                     | -    | -    | -              | -      | -    | -                  | -            | -             | -                                 | -                            | -                                | -                 | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-8                                                                                                                      | 13.50               | 31                     | 22                                    | Dense, Brownish, Silty Sand          | SM                |                                                                                     | 0                                     | 27   | 60   | 9              | 4      | 0    | 0                  | 12.00        | 1.62          | 2.61                              | DST+                         | 0.00                             | 31                | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-9                                                                                                                      | 15.00               | 34                     | 23                                    |                                      | -                 |                                                                                     | -                                     | -    | -    | -              | -      | -    | -                  | -            | -             | -                                 | -                            | -                                | -                 | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-10                                                                                                                     | 16.50               | 37                     | 24                                    |                                      | -                 |                                                                                     | -                                     | -    | -    | -              | -      | -    | -                  | -            | -             | -                                 | -                            | -                                | -                 | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-11                                                                                                                     | 18.00               | 40                     | 25                                    |                                      | -                 |                                                                                     | -                                     | -    | -    | -              | -      | -    | -                  | -            | -             | -                                 | -                            | -                                | -                 | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-12                                                                                                                     | 19.50               | 43                     | 25                                    |                                      | SM                |                                                                                     | 0                                     | 22   | 55   | 12             | 9      | 2    | 0                  | 12.50        | 1.63          | 2.62                              | DST+                         | 0.00                             | 32                | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-13                                                                                                                     | 21.00               | 46                     | 26                                    |                                      | -                 |                                                                                     | -                                     | -    | -    | -              | -      | -    | -                  | -            | -             | -                                 | -                            | -                                | -                 | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-14                                                                                                                     | 22.50               | 48                     | 26                                    |                                      | -                 |                                                                                     | -                                     | -    | -    | -              | -      | -    | -                  | -            | -             | -                                 | -                            | -                                | -                 | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-15                                                                                                                     | 24.00               | 50                     | 26                                    |                                      | -                 |                                                                                     | -                                     | -    | -    | -              | -      | -    | -                  | -            | -             | -                                 | -                            | -                                | -                 | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |
|         | SPT-16                                                                                                                     | 25.50               | 52                     | 26                                    |                                      | SM                |                                                                                     | 0                                     | 29   | 54   | 10             | 6      | 1    | 0                  | 12.00        | 1.66          | 2.63                              | DST+                         | 0.00                             | 33                | -                    | -                                       | -                     | -                | -               | - | -                            | -    | -         | -                              | -                                                        | -                                                       | -                                   |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project     | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                        |                   |                                  |                                       |      |            |                      |      |                              | Soil Description | IS Classification | IS Symbol | Grain Size Distribution % wt retained |                  |              |                     |                        |                      | Atterberg Limits %         |                       |                 |                   | Depth of Water Table                        |                                           |                                     | Termination Depth |               | Coordinates (E,N) |                 |                      |                              |                     |                  | R.L.         | Ref. Code |
|-------------|----------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------|----------------------------------|---------------------------------------|------|------------|----------------------|------|------------------------------|------------------|-------------------|-----------|---------------------------------------|------------------|--------------|---------------------|------------------------|----------------------|----------------------------|-----------------------|-----------------|-------------------|---------------------------------------------|-------------------------------------------|-------------------------------------|-------------------|---------------|-------------------|-----------------|----------------------|------------------------------|---------------------|------------------|--------------|-----------|
|             | Date of Boring                                                                                                             |                        | Chainage/Location | B.H. No.                         | Not Encountered                       |      | 50.00 m    | Bulk Density (g/cm³) |      | Natural Moisture Content (%) |                  |                   |           | Dry Density (g/cm³)                   | Specific Gravity | Type of Test | Cohesion C (kg/cm²) | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm²) | Permeability (cm/sec) | Void Ratio (e₀) | Pressure (kg/cm²) | C <sub>v</sub> x 10 <sup>-4</sup> (cm²/Sec) | M <sub>v</sub> x 10 <sup>2</sup> (cm³/Kg) | Compression Index (C <sub>c</sub> ) |                   |               |                   |                 |                      |                              |                     |                  |              |           |
| Sample Type | Depth from G.L. (m)                                                                                                        | Observed SPT Value (N) |                   |                                  | Corrected SPT Value (N <sub>c</sub> ) | Clay |            | Silt                 | Fine |                              | Medium           | Coarse            | Gravel    |                                       |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                           |                                     | Liquid Limit      | Plastic Limit | Plasticity Index  | Shrinkage Limit | Bulk Density (g/cm³) | Natural Moisture Content (%) | Dry Density (g/cm³) | Specific Gravity | Type of Test |           |
|             |                                                                                                                            |                        | 21-08-2026        | to                               |                                       |      | 22-08-2026 |                      |      | P-992                        |                  |                   | BH-351    | Not Encountered                       | 50.00 m          | 576541.000 m | 2983343.000 m       | SR-1241_25-26          |                      |                            |                       |                 |                   |                                             |                                           |                                     |                   |               |                   |                 |                      |                              |                     |                  |              |           |
| SPT-17      | 27.00                                                                                                                      | 55                     | 26                | Very Dense, Brownish, Silty Sand | -                                     |      |            |                      |      |                              |                  |                   |           |                                       |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                           |                                     |                   |               |                   |                 |                      |                              |                     |                  |              |           |
| SPT-18      | 28.50                                                                                                                      | 57                     | 26                |                                  | -                                     |      |            |                      |      |                              |                  |                   |           |                                       |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                           |                                     |                   |               |                   |                 |                      |                              |                     |                  |              |           |
| SPT-19      | 30.00                                                                                                                      | 59                     | 27                |                                  | -                                     |      |            |                      |      |                              |                  |                   |           |                                       |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                           |                                     |                   |               |                   |                 |                      |                              |                     |                  |              |           |
| SPT-20      | 31.50                                                                                                                      | 61                     | 28                |                                  | SM                                    | 0    | 24         | 57                   | 12   | 7                            | 0                | 0                 | -         | NIL                                   | NP               | -            |                     |                        |                      |                            |                       |                 |                   |                                             |                                           |                                     |                   |               |                   |                 |                      |                              |                     |                  |              |           |
| SPT-21      | 33.00                                                                                                                      | 65                     | 30                |                                  | -                                     |      |            |                      |      |                              |                  |                   |           |                                       |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                           |                                     |                   |               |                   |                 |                      |                              |                     |                  |              |           |
| SPT-22      | 34.50                                                                                                                      | 68                     | 31                |                                  | -                                     |      |            |                      |      |                              |                  |                   |           |                                       |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                           |                                     |                   |               |                   |                 |                      |                              |                     |                  |              |           |
| SPT-23      | 36.00                                                                                                                      | 70                     | 32                |                                  | -                                     |      |            |                      |      |                              |                  |                   |           |                                       |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                           |                                     |                   |               |                   |                 |                      |                              |                     |                  |              |           |
| SPT-24      | 37.50                                                                                                                      | 73                     | 34                |                                  | SM                                    | 0    | 20         | 65                   | 9    | 6                            | 0                | 0                 | -         | NIL                                   | NP               | -            | 1.87                | 1.68                   | 2.63                 | DST+                       | 0.00                  | 33              | -                 | -                                           | -                                         | -                                   | -                 | -             | -                 | -               | -                    |                              |                     |                  |              |           |
| SPT-25      | 39.00                                                                                                                      | 77                     | 35                |                                  | -                                     |      |            |                      |      |                              |                  |                   |           |                                       |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                           |                                     |                   |               |                   |                 |                      |                              |                     |                  |              |           |
| SPT-26      | 40.50                                                                                                                      | 80                     | 37                |                                  | -                                     |      |            |                      |      |                              |                  |                   |           |                                       |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                           |                                     |                   |               |                   |                 |                      |                              |                     |                  |              |           |
| SPT-27      | 42.00                                                                                                                      | 83                     | 38                |                                  | -                                     |      |            |                      |      |                              |                  |                   |           |                                       |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                           |                                     |                   |               |                   |                 |                      |                              |                     |                  |              |           |
| SPT-28      | 43.50                                                                                                                      | 86                     | 40                |                                  | SM                                    | 0    | 19         | 64                   | 12   | 4                            | 1                | 0                 | -         | NIL                                   | NP               | -            | 1.90                | 1.70                   | 2.64                 | DST+                       | 0.00                  | 34              | -                 | -                                           | -                                         | -                                   | -                 | -             | -                 | -               | -                    |                              |                     |                  |              |           |
| SPT-29      | 45.00                                                                                                                      | 90                     | 41                |                                  | -                                     |      |            |                      |      |                              |                  |                   |           |                                       |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                           |                                     |                   |               |                   |                 |                      |                              |                     |                  |              |           |
| SPT-30      | 46.50                                                                                                                      | 94                     | 43                |                                  | -                                     |      |            |                      |      |                              |                  |                   |           |                                       |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                           |                                     |                   |               |                   |                 |                      |                              |                     |                  |              |           |
| SPT-31      | 48.00                                                                                                                      | 96                     | 44                |                                  | -                                     |      |            |                      |      |                              |                  |                   |           |                                       |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                           |                                     |                   |               |                   |                 |                      |                              |                     |                  |              |           |
| SPT-32      | 50.00                                                                                                                      | 99                     | 46                |                                  | -                                     |      |            |                      |      |                              |                  |                   |           |                                       |                  |              |                     |                        |                      |                            |                       |                 |                   |                                             |                                           |                                     |                   |               |                   |                 |                      |                              |                     |                  |              |           |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

## SOIL CHARACTERISTICS

[illegible]

Abbreviations:-  
 AS-Disurbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+-Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project     | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                        |                                       |                                  |                   |           |                                       |    |        |    | Date of Boring     |               | Chainage/Location |                 | B.H. No.                          | Depth of Water Table         |                      | Termination Depth                       |                       | Coordinates (E,N)                |                  |              |                                  |                        |                              | R.L.                           | Ref. Code                                                |
|-------------|----------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------|----------------------------------|-------------------|-----------|---------------------------------------|----|--------|----|--------------------|---------------|-------------------|-----------------|-----------------------------------|------------------------------|----------------------|-----------------------------------------|-----------------------|----------------------------------|------------------|--------------|----------------------------------|------------------------|------------------------------|--------------------------------|----------------------------------------------------------|
|             | 21-08-2026                                                                                                                 |                        | to                                    |                                  | 23-08-2026        |           | P-996                                 |    | BH-352 |    | Not Encountered    |               | 50.00 m           |                 |                                   | 576536.000 m                 |                      | 2983449.000 m                           |                       |                                  |                  |              |                                  |                        |                              |                                |                                                          |
| Sample Type | Depth from G.L. (m)                                                                                                        | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                 | IS Classification | IS Symbol | Grain Size Distribution % wt retained |    |        |    | Atterberg Limits % |               |                   | Shear Strength  |                                   |                              | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Consolidation Parameters         |                  |              |                                  |                        |                              |                                |                                                          |
|             |                                                                                                                            |                        |                                       |                                  |                   |           | Sand                                  |    | Gravel |    | Liquid Limit       | Plastic Limit | Plasticity Index  | Shrinkage Limit | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) |                      |                                         |                       | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>y</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) |
| SPT-17      | 27.00                                                                                                                      | 58                     | 27                                    | Very Dense, Brownish, Silty Sand | -                 |           | -                                     | -  | -      | -  |                    |               |                   |                 |                                   |                              | -                    | -                                       | -                     |                                  |                  |              |                                  |                        |                              |                                |                                                          |
| SPT-18      | 28.50                                                                                                                      | 61                     | 28                                    |                                  | -                 |           | -                                     | -  | -      | -  | -                  | -             | -                 | -               | -                                 | -                            | -                    | -                                       | -                     | -                                | -                | -            | -                                | -                      | -                            | -                              |                                                          |
| SPT-19      | 30.00                                                                                                                      | 64                     | 29                                    |                                  | SM                |           | 0                                     | 19 | 61     | 9  | 9                  | 0             | -                 | NIL             | NP                                | -                            | 1.89                 | 13.00                                   | 2.63                  | 1.67                             | -                | DST+         | 0.00                             | 33                     | -                            | -                              | -                                                        |
| SPT-20      | 31.50                                                                                                                      | 67                     | 31                                    |                                  | -                 |           | -                                     | -  | -      | -  | -                  | -             | -                 | -               | -                                 | -                            | -                    | -                                       | -                     | -                                | -                | -            | -                                | -                      | -                            | -                              |                                                          |
| SPT-21      | 33.00                                                                                                                      | 70                     | 32                                    |                                  | -                 |           | -                                     | -  | -      | -  | -                  | -             | -                 | -               | -                                 | -                            | -                    | -                                       | -                     | -                                | -                | -            | -                                | -                      | -                            | -                              |                                                          |
| SPT-22      | 34.50                                                                                                                      | 74                     | 34                                    |                                  | -                 |           | -                                     | -  | -      | -  | -                  | -             | -                 | -               | -                                 | -                            | -                    | -                                       | -                     | -                                | -                | -            | -                                | -                      | -                            | -                              |                                                          |
| SPT-23      | 36.00                                                                                                                      | 76                     | 35                                    |                                  | -                 |           | -                                     | -  | -      | -  | -                  | -             | -                 | -               | -                                 | -                            | -                    | -                                       | -                     | -                                | -                | -            | -                                | -                      | -                            | -                              |                                                          |
| SPT-24      | 37.50                                                                                                                      | 79                     | 36                                    |                                  | SM                |           | 0                                     | 26 | 58     | 11 | 4                  | 1             | 0                 | -               | NIL                               | NP                           | 1.89                 | 12.50                                   | 2.63                  | 1.68                             | -                | DST+         | 0.00                             | 33                     | -                            | -                              | -                                                        |
| SPT-25      | 39.00                                                                                                                      | 81                     | 37                                    |                                  | -                 |           | -                                     | -  | -      | -  | -                  | -             | -                 | -               | -                                 | -                            | -                    | -                                       | -                     | -                                | -                | -            | -                                | -                      | -                            | -                              |                                                          |
| SPT-26      | 40.50                                                                                                                      | 83                     | 38                                    |                                  | -                 |           | -                                     | -  | -      | -  | -                  | -             | -                 | -               | -                                 | -                            | -                    | -                                       | -                     | -                                | -                | -            | -                                | -                      | -                            | -                              |                                                          |
| SPT-27      | 42.00                                                                                                                      | 85                     | 39                                    |                                  | -                 |           | -                                     | -  | -      | -  | -                  | -             | -                 | -               | -                                 | -                            | -                    | -                                       | -                     | -                                | -                | -            | -                                | -                      | -                            | -                              |                                                          |
| SPT-28      | 43.50                                                                                                                      | 87                     | 40                                    |                                  | -                 |           | -                                     | -  | -      | -  | -                  | -             | -                 | -               | -                                 | -                            | -                    | -                                       | -                     | -                                | -                | -            | -                                | -                      | -                            | -                              |                                                          |
| SPT-29      | 45.00                                                                                                                      | 89                     | 41                                    |                                  | SM                |           | 0                                     | 19 | 68     | 9  | 4                  | 0             | 0                 | -               | NIL                               | NP                           | 1.92                 | 12.00                                   | 2.64                  | 1.71                             | -                | DST+         | 0.00                             | 34                     | -                            | -                              | -                                                        |
| SPT-30      | 46.50                                                                                                                      | 93                     | 43                                    |                                  | -                 |           | -                                     | -  | -      | -  | -                  | -             | -                 | -               | -                                 | -                            | -                    | -                                       | -                     | -                                | -                | -            | -                                | -                      | -                            | -                              |                                                          |
| SPT-31      | 48.00                                                                                                                      | 96                     | 44                                    |                                  | -                 |           | -                                     | -  | -      | -  | -                  | -             | -                 | -               | -                                 | -                            | -                    | -                                       | -                     | -                                | -                | -            | -                                | -                      | -                            | -                              |                                                          |
| SPT-32      | 49.50                                                                                                                      | 99                     | 46                                    |                                  | -                 |           | -                                     | -  | -      | -  | -                  | -             | -                 | -               | -                                 | -                            | -                    | -                                       | -                     | -                                | -                | -            | -                                | -                      | -                            | -                              |                                                          |

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                  |                   |           |                                       |      |      | Date of Boring |        | Chainage/Location |                    | B.H. No.     |               | Depth of Water Table              |                 | Termination Depth            |  | Coordinates (E,N)                |  |                  |  |                |  | R.L. |                      | Ref. Code |                                         |  |                       |  |                              |  |                                |  |                                                          |  |                                                         |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description | IS Classification | IS Symbol | Grain Size Distribution % wt retained |      |      |                |        |                   | Atterberg Limits % |              |               | Bulk Density (g/cm <sup>3</sup> ) |                 | Natural Moisture Content (%) |  | Dry Density (g/cm <sup>3</sup> ) |  | Specific Gravity |  | Shear Strength |  |      | Free Swell Index (%) |           | Swelling Pressure (kg/cm <sup>2</sup> ) |  | Permeability (cm/sec) |  | Void Ratio (e <sub>0</sub> ) |  | Pressure (kg/cm <sup>2</sup> ) |  | C <sub>y</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) |  | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>2</sup> /Kg) |  | Compression Index (C <sub>p</sub> ) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |                                                                                                                            |                     |                        |                                       |                  |                   |           | Clay                                  | Silt | Fine | Medium         | Coarse | Fine              | Coarse             | Liquid Limit | Plastic Limit | Plasticity Index                  | Shrinkage Limit |                              |  |                                  |  |                  |  |                |  |      |                      |           |                                         |  |                       |  |                              |  |                                |  |                                                          |  |                                                         |  |                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

## SOIL CHARACTERISTICS

[illegible]

Abbreviations:-  
 UDS-Disturbed Sample, SPT-Standard Penetration Test, UDS\*-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                                    |                                     |           |                                       |        |        | Date of Boring  |                    | Chainage/Location |               | B.H. No.                          |                 | Depth of Water Table         |                                  | Termination Depth                |                              | Coordinates (E,N)              |                                                          |                                                         |                                     |   |                      | R.L.                                    |                       | Ref. Code                |   |   |   |   |
|---------|----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------------------------|------------------------------------|-------------------------------------|-----------|---------------------------------------|--------|--------|-----------------|--------------------|-------------------|---------------|-----------------------------------|-----------------|------------------------------|----------------------------------|----------------------------------|------------------------------|--------------------------------|----------------------------------------------------------|---------------------------------------------------------|-------------------------------------|---|----------------------|-----------------------------------------|-----------------------|--------------------------|---|---|---|---|
|         | 21-08-2026                                                                                                                 |                     | to                     |                                       | 22-08-2026                         |                                     | P-1003    |                                       | BH-354 |        | NOT ENCOUNTERED |                    | 50.00 m           |               | 2983650,000 m                     |                 | 576526,000 m                 |                                  | 2983650,000 m                    |                              | -                              |                                                          | SR-1241_25-26                                           |                                     |   |                      |                                         |                       |                          |   |   |   |   |
|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                   | IS Classification                   | IS Symbol | Grain Size Distribution % wt retained |        |        |                 | Atterberg Limits % |                   |               | Bulk Density (g/cm <sup>3</sup> ) |                 | Natural Moisture Content (%) |                                  | Dry Density (g/cm <sup>3</sup> ) |                              | Specific Gravity               |                                                          | Shear Strength                                          |                                     |   | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Consolidation Parameters |   |   |   |   |
| Clay    |                                                                                                                            |                     |                        |                                       |                                    |                                     |           | Silt                                  | Fine   | Medium | Coarse          | Gravel             | Liquid Limit      | Plastic Limit | Plasticity Index                  | Shrinkage Limit | Type of Test                 | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°)           | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>y</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>2</sup> /Kg) | Compression Index (C <sub>p</sub> ) |   |                      |                                         |                       |                          |   |   |   |   |
| DS-1    | 0.00                                                                                                                       | -                   | -                      | -                                     | Filled up Soil                     | -                                   |           | -                                     | -      | -      | -               | -                  | -                 | -             | -                                 | -               | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - |   |
| UDS*    | 2.50                                                                                                                       | -                   | -                      | -                                     | Medium Dense, Brownish, Silty Sand | -                                   |           | -                                     | -      | -      | -               | -                  | -                 | -             | -                                 | -               | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - |   |
| SPT-1   | 3.00                                                                                                                       | 11                  | 13                     | SM                                    |                                    |                                     | 0         | 16                                    | 82     | 2      | 0               | 0                  | 0                 | Nil           | NP                                | -               | 1.76                         | 12.00                            | 1.57                             | 2.63                         | DST+                           | 0.00                                                     | 30                                                      | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - |   |
| SPT-2   | 4.50                                                                                                                       | 20                  | 22                     | -                                     |                                    |                                     | -         | -                                     | -      | -      | -               | -                  | -                 | -             | -                                 | -               | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - |   |
| UDS*    | 5.50                                                                                                                       | -                   | -                      | -                                     |                                    |                                     | -         | -                                     | -      | -      | -               | -                  | -                 | -             | -                                 | -               | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - |   |
| SPT-3   | 6.00                                                                                                                       | 22                  | 22                     | SM                                    |                                    |                                     | 0         | 23                                    | 75     | 1      | 1               | 0                  | 0                 | Nil           | NP                                | -               | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - |   |
| SPT-4   | 7.50                                                                                                                       | 27                  | 25                     | -                                     |                                    |                                     | -         | -                                     | -      | -      | -               | -                  | -                 | -             | -                                 | -               | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - |   |
| UDS-1   | 8.50                                                                                                                       | -                   | -                      | SM                                    |                                    |                                     | 0         | 23                                    | 74     | 2      | 1               | 0                  | 0                 | Nil           | NP                                | -               | 1.80                         | 12.62                            | 1.60                             | 2.61                         | DST                            | 0.00                                                     | 31                                                      | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - | - |
| SPT-5   | 9.00                                                                                                                       | 29                  | 25                     | -                                     |                                    |                                     | -         | -                                     | -      | -      | -               | -                  | -                 | -             | -                                 | -               | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - | - |
| SPT-6   | 10.50                                                                                                                      | 33                  | 26                     | -                                     |                                    | Dense, Brown to Greyish, Silty Sand | -         |                                       | -      | -      | -               | -                  | -                 | -             | -                                 | -               | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - | - |
| SPT-7   | 12.00                                                                                                                      | 36                  | 27                     | SM                                    |                                    |                                     |           | 0                                     | 20     | 71     | 5               | 3                  | 1                 | 0             | Nil                               | NP              | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - | - |
| SPT-8   | 13.50                                                                                                                      | 40                  | 28                     | -                                     |                                    |                                     | -         | -                                     | -      | -      | -               | -                  | -                 | -             | -                                 | -               | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - |   |
| SPT-9   | 15.00                                                                                                                      | 39                  | 26                     | -                                     |                                    |                                     | -         | -                                     | -      | -      | -               | -                  | -                 | -             | -                                 | -               | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - |   |
| SPT-10  | 16.50                                                                                                                      | 44                  | 28                     | SM                                    |                                    |                                     | 0         | 19                                    | 68     | 9      | 3               | 1                  | 0                 | Nil           | NP                                | -               | 1.83                         | 13.00                            | 1.62                             | 2.62                         | DST+                           | 0.00                                                     | 31                                                      | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - | - |
| SPT-11  | 18.00                                                                                                                      | 46                  | 28                     | -                                     |                                    |                                     | -         | -                                     | -      | -      | -               | -                  | -                 | -             | -                                 | -               | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - | - |
| SPT-12  | 19.50                                                                                                                      | 48                  | 28                     | -                                     |                                    |                                     | -         | -                                     | -      | -      | -               | -                  | -                 | -             | -                                 | -               | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - | - |
| SPT-13  | 21.00                                                                                                                      | 53                  | 30                     | SM                                    |                                    |                                     | 0         | 25                                    | 65     | 7      | 3               | 0                  | 0                 | Nil           | NP                                | -               | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - | - |
| SPT-14  | 22.50                                                                                                                      | 54                  | 29                     | -                                     |                                    |                                     | -         | -                                     | -      | -      | -               | -                  | -                 | -             | -                                 | -               | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - | - |
| SPT-15  | 24.00                                                                                                                      | 59                  | 30                     | -                                     |                                    | -                                   | -         | -                                     | -      | -      | -               | -                  | -                 | -             | -                                 | -               | -                            | -                                | -                                | -                            | -                              | -                                                        | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - |   |
| SPT-16  | 25.50                                                                                                                      | 62                  | 30                     | SM                                    |                                    | 0                                   | 21        | 58                                    | 12     | 6      | 3               | 0                  | Nil               | NP            | -                                 | 1.85            | 13.50                        | 1.63                             | 2.61                             | DST+                         | 0.00                           | 32                                                       | -                                                       | -                                   | - | -                    | -                                       | -                     | -                        | - | - | - | - |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

## SOIL CHARACTERISTICS

[illegible]

Abbreviations:-  
 UDS-Disturbed Sample, SPT-Standard Penetration Test, UDS\*-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                  |                   |           |                                       |        |        | Date of Boring  |                    | Chainage/Location |              | B.H. No.                          |                  | Depth of Water Table         |                                   | Termination Depth                |                                  | Coordinates (E,N) |              |                                  |                        |                      |                                         | R.L.                  | Ref. Code                               |                                |                                                          |                                                         |                                     |   |                                |   |                                                          |   |                                                         |   |                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------|----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------------------------|------------------|-------------------|-----------|---------------------------------------|--------|--------|-----------------|--------------------|-------------------|--------------|-----------------------------------|------------------|------------------------------|-----------------------------------|----------------------------------|----------------------------------|-------------------|--------------|----------------------------------|------------------------|----------------------|-----------------------------------------|-----------------------|-----------------------------------------|--------------------------------|----------------------------------------------------------|---------------------------------------------------------|-------------------------------------|---|--------------------------------|---|----------------------------------------------------------|---|---------------------------------------------------------|---|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|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|         | 19-08-2026                                                                                                                 |                     | to                     |                                       | 20-08-2026       |                   | P-1006    |                                       | BH-355 |        | NOT ENCOUNTERED |                    | 50.00 m           |              | 2983726.000 m                     |                  | -                            | SR-1241_25-26                     |                                  |                                  |                   |              |                                  |                        |                      |                                         |                       |                                         |                                |                                                          |                                                         |                                     |   |                                |   |                                                          |   |                                                         |   |                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  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|   |   |   |   |   |   |   |   |   |   |   |
|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description | IS Classification | IS Symbol | Grain Size Distribution % wt retained |        |        |                 | Atterberg Limits % |                   |              | Bulk Density (g/cm <sup>3</sup> ) |                  | Natural Moisture Content (%) |                                   | Dry Density (g/cm <sup>3</sup> ) |                                  | Specific Gravity  |              | Shear Strength                   |                        |                      | Free Swell Index (%)                    |                       | Swelling Pressure (kg/cm <sup>2</sup> ) |                                | Permeability (cm/sec)                                    |                                                         | Void Ratio (e <sub>0</sub> )        |   | Pressure (kg/cm <sup>2</sup> ) |   | C <sub>y</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) |   | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>2</sup> /Kg) |   | Compression Index (C <sub>p</sub> ) |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Clay    |                                                                                                                            |                     |                        |                                       |                  |                   |           | Silt                                  | Fine   | Medium | Coarse          | Fine               | Coarse            | Liquid Limit | Plastic Limit                     | Plasticity Index | Shrinkage Limit              | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%)     | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity  | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> )            | Pressure (kg/cm <sup>2</sup> ) | C <sub>y</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>2</sup> /Kg) | Compression Index (C <sub>p</sub> ) |   |                                |   |                                                          |   |                                                         |   |                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 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| DS-1    | 0.00                                                                                                                       | -                   | -                      | -                                     | Filled up Soil   | -                 |           | -                                     | -      | -      | -               | -                  | -                 | -            | -                                 | -                | -                            | -                                 | -                                | -                                | -                 | -            | -                                | -                      | -                    | -                                       | -                     | -                                       | -                              | -                                                        | -                                                       | -                                   | - 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Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                                                   |                   |           |                                       |  |      | Date of Boring |        | Chainage/Location |                    | B.H. No. | Depth of Water Table |  | Termination Depth |               | Coordinates (E,N) |                 |                                   |                              |                                  |                  | R.L.          | Ref. Code                        |   |               |                        |                      |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                                  | IS Classification | IS Symbol | Grain Size Distribution % wt retained |  |      |                |        |                   | Atterberg Limits % |          |                      |  | NOT ENCOUNTERED   |               | 50.00 m           |                 | 576526.000 m                      |                              |                                  |                  | 2983726.000 m |                                  | - | SR-1241_25-26 |                        |                      |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |                                                                                                                            |                     |                        |                                       |                                                   |                   |           | Silt                                  |  | Fine |                | Medium |                   | Coarse             |          | Gravel               |  | Liquid Limit      | Plastic Limit | Plasticity Index  | Shrinkage Limit | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity | Type of Test  | Cohesion C (kg/cm <sup>2</sup> ) |   |               | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>v</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>3</sup> /Kg) | Compression Index (C <sub>c</sub> ) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPT-17  | 27.00                                                                                                                      | 82                  | 39                     |                                       | Very Dense, Greyish Brown, Silty Sand with Gravel | -                 |           |                                       |  |      |                |        |                   |                    |          |                      |  |                   |               |                   |                 |                                   |                              |                                  |                  |               |                                  |   |               |                        |                      |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

## SOIL CHARACTERISTICS

[illegible]

Abbreviations:-  
 DS-Disturbed Sample, SPT-Standard Penetration Test, UDS\*-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

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Abbreviations:-  
 UDS-Disturbed Sample, SPT-Standard Penetration Test, UDS\*-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

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Abbreviations:-  
 DS-Disturbed Sample, SPT-Standard Penetration Test, UDS\*-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project                | Date of Boring      |      |                                       |                                                   | Chainage/Location | B.H. No.  | Depth of Water Table |               | Termination Depth  |                 | Coordinates (E,N)    |                                         |                       |                              |                                |                                                          | R.L.                              | Ref. Code                    |                                                         |                                     |                                  |                  |              |                                  |                        |   |   |
|------------------------|---------------------|------|---------------------------------------|---------------------------------------------------|-------------------|-----------|----------------------|---------------|--------------------|-----------------|----------------------|-----------------------------------------|-----------------------|------------------------------|--------------------------------|----------------------------------------------------------|-----------------------------------|------------------------------|---------------------------------------------------------|-------------------------------------|----------------------------------|------------------|--------------|----------------------------------|------------------------|---|---|
|                        | 18-08-2026          |      | to                                    | 19-08-2026                                        |                   |           | NOT ENCOUNTERED      | 50.00 m       | 576579,000 m       |                 |                      | 2983934,000 m                           |                       |                              |                                |                                                          |                                   |                              |                                                         |                                     |                                  |                  |              |                                  |                        |   |   |
|                        | Clay                | Silt |                                       | Grain Size Distribution % wt retained             |                   |           |                      |               | Atterberg Limits % |                 | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>v</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) |                                   |                              | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>3</sup> /Kg) | Compression Index (C <sub>c</sub> ) |                                  |                  |              |                                  |                        |   |   |
| Observed SPT Value (N) |                     |      | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                                  | IS Classification | IS Symbol | Liquid Limit         | Plastic Limit | Plasticity Index   | Shrinkage Limit |                      |                                         |                       |                              |                                |                                                          | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) |                                                         |                                     | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) |   |   |
| Sample Type            | Depth from G.L. (m) |      |                                       |                                                   |                   |           |                      |               |                    |                 |                      |                                         |                       |                              |                                |                                                          |                                   |                              |                                                         |                                     |                                  |                  |              |                                  |                        |   |   |
| SPT-17                 | 27.00               | 61   | 29                                    | Very Dense, Greyish Brown, Silty Sand with Gravel | -                 |           |                      |               |                    |                 |                      |                                         |                       |                              |                                |                                                          |                                   |                              |                                                         |                                     |                                  |                  |              |                                  |                        |   |   |
| SPT-18                 | 28.50               | 63   | 29                                    |                                                   | -                 |           |                      |               |                    |                 |                      |                                         |                       |                              |                                |                                                          |                                   |                              |                                                         |                                     |                                  |                  |              |                                  |                        |   |   |
| SPT-19                 | 30.00               | 66   | 30                                    |                                                   | SM                |           | 4                    | 2             | 0                  | -               | Nil                  | NP                                      | -                     |                              |                                |                                                          |                                   |                              |                                                         |                                     |                                  |                  |              |                                  |                        |   |   |
| SPT-20                 | 31.50               | 69   | 32                                    |                                                   | -                 |           | -                    | -             | -                  | -               | -                    | -                                       | -                     |                              |                                |                                                          |                                   |                              |                                                         |                                     |                                  |                  |              |                                  |                        |   |   |
| SPT-21                 | 33.00               | 71   | 33                                    |                                                   | -                 |           | -                    | -             | -                  | -               | -                    | -                                       | -                     |                              |                                |                                                          |                                   |                              |                                                         |                                     |                                  |                  |              |                                  |                        |   |   |
| SPT-22                 | 34.50               | 75   | 35                                    |                                                   | SM                |           | 8                    | 1             | 0                  | -               | Nil                  | NP                                      | -                     | 1.88                         | 13.00                          | 1.66                                                     | 2.61                              | DST+                         | 0.00                                                    | 32                                  | -                                | -                | -            | -                                | -                      | - | - |
| SPT-23                 | 36.00               | 79   | 36                                    |                                                   | -                 |           | -                    | -             | -                  | -               | -                    | -                                       | -                     |                              |                                |                                                          |                                   |                              |                                                         |                                     |                                  |                  |              |                                  |                        |   |   |
| SPT-24                 | 37.50               | 84   | 39                                    |                                                   | -                 |           | -                    | -             | -                  | -               | -                    | -                                       | -                     |                              |                                |                                                          |                                   |                              |                                                         |                                     |                                  |                  |              |                                  |                        |   |   |
| SPT-25                 | 39.00               | 91   | 42                                    |                                                   | SM                |           | 4                    | 1             | 0                  | -               | Nil                  | NP                                      | -                     | -                            | -                              | -                                                        | -                                 | -                            | -                                                       | -                                   | -                                | -                | -            | -                                | -                      | - | - |
| SPT-26                 | 40.50               | 94   | 43                                    |                                                   | -                 |           | -                    | -             | -                  | -               | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                 | -                            | -                                                       | -                                   | -                                | -                | -            | -                                | -                      | - | - |
| SPT-27                 | 42.00               | 99   | 46                                    |                                                   | -                 |           | -                    | -             | -                  | -               | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                 | -                            | -                                                       | -                                   | -                                | -                | -            | -                                | -                      | - | - |
| SPT-28                 | 43.50               | >100 | -                                     |                                                   | SM                |           | 5                    | 2             | 0                  | -               | Nil                  | NP                                      | -                     | 1.91                         | 13.50                          | 1.68                                                     | 2.60                              | DST+                         | 0.00                                                    | 32                                  | -                                | -                | -            | -                                | -                      | - | - |
| SPT-29                 | 45.00               | >100 | -                                     |                                                   | -                 |           | -                    | -             | -                  | -               | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                 | -                            | -                                                       | -                                   | -                                | -                | -            | -                                | -                      | - | - |
| SPT-30                 | 46.50               | >100 | -                                     |                                                   | -                 |           | -                    | -             | -                  | -               | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                 | -                            | -                                                       | -                                   | -                                | -                | -            | -                                | -                      | - | - |
| SPT-31                 | 48.00               | >100 | -                                     |                                                   | SM                |           | 4                    | 3             | 0                  | -               | Nil                  | NP                                      | -                     | -                            | -                              | -                                                        | -                                 | -                            | -                                                       | -                                   | -                                | -                | -            | -                                | -                      | - | - |
| SPT-32                 | 49.50               | >100 | -                                     |                                                   | -                 |           | -                    | -             | -                  | -               | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                 | -                            | -                                                       | -                                   | -                                | -                | -            | -                                | -                      | - | - |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                                     |                   |           |                                       |        |        | Date of Boring  |      | Chainage/Location |                    | B.H. No.      |                  | Depth of Water Table              |              | Termination Depth                |                        | Coordinates (E,N)                |                                |                                                          |                                                         |                                     |   | R.L. |                      | Ref. Code                               |                       |                          |   |   |   |
|---------|----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------------------------|-------------------------------------|-------------------|-----------|---------------------------------------|--------|--------|-----------------|------|-------------------|--------------------|---------------|------------------|-----------------------------------|--------------|----------------------------------|------------------------|----------------------------------|--------------------------------|----------------------------------------------------------|---------------------------------------------------------|-------------------------------------|---|------|----------------------|-----------------------------------------|-----------------------|--------------------------|---|---|---|
|         | 18-08-2026                                                                                                                 |                     | to                     |                                       | 19-08-2026                          |                   | P-1016    |                                       | BH-358 |        | NOT ENCOUNTERED |      | 50.00 m           |                    | 2984014.000 m |                  | 576606.000 m                      |              | 2984014.000 m                    |                        | -                                |                                | SR-1241_25-26                                            |                                                         |                                     |   |      |                      |                                         |                       |                          |   |   |   |
|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                    | IS Classification | IS Symbol | Grain Size Distribution % wt retained |        |        |                 |      |                   | Atterberg Limits % |               |                  | Bulk Density (g/cm <sup>3</sup> ) |              | Natural Moisture Content (%)     |                        | Dry Density (g/cm <sup>3</sup> ) |                                | Specific Gravity                                         |                                                         | Shear Strength                      |   |      | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Consolidation Parameters |   |   |   |
| Clay    |                                                                                                                            |                     |                        |                                       |                                     |                   |           | Silt                                  | Fine   | Medium | Coarse          | Fine | Coarse            | Liquid Limit       | Plastic Limit | Plasticity Index | Shrinkage Limit                   | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) | Void Ratio (e <sub>0</sub> )     | Pressure (kg/cm <sup>2</sup> ) | C <sub>y</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>2</sup> /Kg) | Compression Index (C <sub>p</sub> ) |   |      |                      |                                         |                       |                          |   |   |   |
| DS-1    | 0.00                                                                                                                       | -                   | -                      | -                                     | Filled up Soil                      | -                 |           | -                                     | -      | -      | -               | -    | -                 | -                  | -             | -                | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - |   |
| UDS*    | 2.50                                                                                                                       | -                   | -                      | -                                     | Medium Dense, Brownish, Silty Sand  | -                 |           | -                                     | -      | -      | -               | -    | -                 | -                  | -             | -                | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - |   |
| SPT-1   | 3.00                                                                                                                       | 15                  | 18                     | SM                                    |                                     |                   | 0         | 16                                    | 80     | 3      | 1               | 0    | 0                 | 0                  | Nil           | NP               | -                                 | 1.73         | 10.50                            | 1.57                   | 2.61                             | DST+                           | 0.00                                                     | 30                                                      | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - |   |
| SPT-2   | 4.50                                                                                                                       | 21                  | 23                     | -                                     |                                     |                   | -         | -                                     | -      | -      | -               | -    | -                 | -                  | -             | -                | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - |   |
| UDS*    | 5.50                                                                                                                       | -                   | -                      | -                                     |                                     | -                 |           | -                                     | -      | -      | -               | -    | -                 | -                  | -             | -                | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - |   |
| SPT-3   | 6.00                                                                                                                       | 27                  | 27                     | SM                                    |                                     |                   | 0         | 18                                    | 80     | 2      | 0               | 0    | 0                 | 0                  | Nil           | NP               | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - |   |
| SPT-4   | 7.50                                                                                                                       | 30                  | 27                     | -                                     |                                     | -                 |           | -                                     | -      | -      | -               | -    | -                 | -                  | -             | -                | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - |   |
| UDS-1   | 8.50                                                                                                                       | -                   | -                      | -                                     | Dense, Brown to Greyish, Silty Sand | SM                |           | 0                                     | 28     | 70     | 2               | 0    | 0                 | 0                  | Nil           | NP               | -                                 | 1.79         | 11.27                            | 1.61                   | 2.62                             | DST                            | 0.00                                                     | 31                                                      | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - | - |
| SPT-5   | 9.00                                                                                                                       | 34                  | 29                     | -                                     |                                     | -                 |           | -                                     | -      | -      | -               | -    | -                 | -                  | -             | -                | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - |   |
| SPT-6   | 10.50                                                                                                                      | 38                  | 30                     | -                                     |                                     | -                 |           | -                                     | -      | -      | -               | -    | -                 | -                  | -             | -                | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - |   |
| SPT-7   | 12.00                                                                                                                      | 40                  | 30                     | SM                                    |                                     |                   | 0         | 19                                    | 74     | 5      | 1               | 1    | 0                 | 0                  | Nil           | NP               | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - |   |
| SPT-8   | 13.50                                                                                                                      | 42                  | 30                     | -                                     |                                     | -                 |           | -                                     | -      | -      | -               | -    | -                 | -                  | -             | -                | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - |   |
| SPT-9   | 15.00                                                                                                                      | 44                  | 30                     | -                                     |                                     |                   | -         |                                       | -      | -      | -               | -    | -                 | -                  | -             | -                | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - | - |
| SPT-10  | 16.50                                                                                                                      | 46                  | 30                     | SM                                    |                                     |                   | 0         | 21                                    | 67     | 9      | 3               | 0    | 0                 | 0                  | Nil           | NP               | -                                 | 1.83         | 12.00                            | 1.63                   | 2.63                             | DST+                           | 0.00                                                     | 31                                                      | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - |   |
| SPT-11  | 18.00                                                                                                                      | 50                  | 31                     | -                                     | -                                   |                   |           | -                                     | -      | -      | -               | -    | -                 | -                  | -             | -                | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - |   |
| SPT-12  | 19.50                                                                                                                      | 54                  | 32                     | -                                     | -                                   |                   |           | -                                     | -      | -      | -               | -    | -                 | -                  | -             | -                | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - |   |
| SPT-13  | 21.00                                                                                                                      | 58                  | 33                     | SM                                    |                                     |                   | 0         | 21                                    | 66     | 9      | 4               | 0    | 0                 | 0                  | Nil           | NP               | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - | - |
| SPT-14  | 22.50                                                                                                                      | 60                  | 32                     | -                                     | -                                   |                   |           | -                                     | -      | -      | -               | -    | -                 | -                  | -             | -                | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - | - |
| SPT-15  | 24.00                                                                                                                      | 66                  | 34                     | -                                     | -                                   |                   | -         | -                                     | -      | -      | -               | -    | -                 | -                  | -             | -                | -                                 | -            | -                                | -                      | -                                | -                              | -                                                        | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - |   |
| SPT-16  | 25.50                                                                                                                      | 69                  | 34                     | SM                                    |                                     | 0                 | 22        | 61                                    | 8      | 8      | 1               | 0    | 0                 | Nil                | NP            | -                | 1.85                              | 12.50        | 1.64                             | 2.61                   | DST+                             | 0.00                           | 32                                                       | -                                                       | -                                   | - | -    | -                    | -                                       | -                     | -                        | - | - | - |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

## SOIL CHARACTERISTICS

[illegible]

Abbreviations:-  
 DS-Disturbed Sample, SPT-Standard Penetration Test, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                                    |                   |           |                                       |        |        | Date of Boring  |                    | Chainage/Location |              | B.H. No.                          |                  | Depth of Water Table         |              | Termination Depth                |                  | Coordinates (E,N)                |                        |                              |                      |                                         |                       | R.L.                           |                                                          | Ref. Code                                               |                                     |  |  |
|---------|----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------------------------|------------------------------------|-------------------|-----------|---------------------------------------|--------|--------|-----------------|--------------------|-------------------|--------------|-----------------------------------|------------------|------------------------------|--------------|----------------------------------|------------------|----------------------------------|------------------------|------------------------------|----------------------|-----------------------------------------|-----------------------|--------------------------------|----------------------------------------------------------|---------------------------------------------------------|-------------------------------------|--|--|
|         | 16-08-2026                                                                                                                 |                     | to                     |                                       | 17-08-2026                         |                   | -         |                                       | BH-359 |        | NOT ENCOUNTERED |                    | 50.00 m           |              | 2984105.000 m                     |                  | 576644.000 m                 |              | 2984105.000 m                    |                  | -                                |                        | SR-1241_25-26                |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
|         | Sample Type                                                                                                                | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                   | IS Classification | IS Symbol | Grain Size Distribution % wt retained |        |        |                 | Atterberg Limits % |                   |              | Bulk Density (g/cm <sup>3</sup> ) |                  | Natural Moisture Content (%) |              | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity | Shear Strength                   |                        |                              | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Consolidation Parameters       |                                                          |                                                         |                                     |  |  |
| Clay    |                                                                                                                            |                     |                        |                                       |                                    |                   |           | Silt                                  | Fine   | Medium | Coarse          | Fine               | Coarse            | Liquid Limit | Plastic Limit                     | Plasticity Index | Shrinkage Limit              | Type of Test |                                  |                  | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) | Void Ratio (e <sub>0</sub> ) |                      |                                         |                       | Pressure (kg/cm <sup>2</sup> ) | C <sub>y</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>2</sup> /Kg) | Compression Index (C <sub>p</sub> ) |  |  |
| DS-1    | 0.00                                                                                                                       | -                   | -                      | -                                     | Filled up Soil                     | -                 |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| UDS*    | 2.50                                                                                                                       | -                   | -                      | -                                     | Medium Dense, Brownish, Silty Sand | -                 |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-1   | 3.00                                                                                                                       | 20                  | 24                     | SM                                    |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-2   | 4.50                                                                                                                       | 24                  | 26                     | -                                     |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| UDS*    | 5.50                                                                                                                       | -                   | -                      | -                                     |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-3   | 6.00                                                                                                                       | 25                  | 25                     | SM                                    |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-4   | 7.50                                                                                                                       | 27                  | 25                     | -                                     |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| UDS-1   | 8.50                                                                                                                       | -                   | -                      | -                                     |                                    | SM                |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-5   | 9.00                                                                                                                       | 29                  | 25                     | -                                     |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-6   | 10.50                                                                                                                      | 34                  | 27                     | -                                     |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-7   | 12.00                                                                                                                      | 33                  | 25                     | SM                                    |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-8   | 13.50                                                                                                                      | 30                  | 21                     | -                                     |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-9   | 15.00                                                                                                                      | 35                  | 24                     | -                                     |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-10  | 16.50                                                                                                                      | 38                  | 24                     | SM                                    |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-11  | 18.00                                                                                                                      | 41                  | 25                     | -                                     |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-12  | 19.50                                                                                                                      | 46                  | 27                     | -                                     |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-13  | 21.00                                                                                                                      | 42                  | 23                     | SM                                    |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-14  | 22.50                                                                                                                      | 48                  | 26                     | -                                     |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-15  | 24.00                                                                                                                      | 45                  | 23                     | -                                     |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |
| SPT-16  | 25.50                                                                                                                      | 50                  | 25                     | SM                                    |                                    |                   |           |                                       |        |        |                 |                    |                   |              |                                   |                  |                              |              |                                  |                  |                                  |                        |                              |                      |                                         |                       |                                |                                                          |                                                         |                                     |  |  |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

## SOIL CHARACTERISTICS

[illegible]

Abbreviations:-  
 UDS-Disturbed Sample, SPT-Standard Penetration Test, UDS\*-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Toddi Mod (Total approximate length -42.8 km) |                     |                        |                                        |                  |                   |           |                                       |        |        | Date of Boring  |                    |         |              | Chainage/Location |                                   | B.H. No.                     | Depth of Water Table             |                  | Termination Depth |                 | Coordinates (E,N) |                      |                                         |                       |                                  |                        | R.L.                         | Ref. Code                      |
|---------|-----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|----------------------------------------|------------------|-------------------|-----------|---------------------------------------|--------|--------|-----------------|--------------------|---------|--------------|-------------------|-----------------------------------|------------------------------|----------------------------------|------------------|-------------------|-----------------|-------------------|----------------------|-----------------------------------------|-----------------------|----------------------------------|------------------------|------------------------------|--------------------------------|
|         | 15-08-2026                                                                                                                  |                     | to                     |                                        | 16-08-2026       |                   | CH-34+300 |                                       | BH-360 |        | Not Encountered |                    | 50.00 m |              | 2984158.000 m     |                                   |                              | 576658.000 m                     |                  | 2984158.000 m     |                 |                   |                      |                                         |                       |                                  |                        |                              |                                |
|         | Sample Type                                                                                                                 | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>60</sub> ) | Soil Description | IS Classification | IS Symbol | Grain Size Distribution % wt retained |        |        |                 | Atterberg Limits % |         |              |                   | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity | Shear Strength    |                 |                   | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Consolidation Parameters         |                        |                              |                                |
| Clay    |                                                                                                                             |                     |                        |                                        |                  |                   |           | Silt                                  | Fine   | Medium | Coarse          | Fine               | Coarse  | Liquid Limit | Plastic Limit     |                                   |                              |                                  |                  | Plasticity Index  | Shrinkage Limit | Type of Test      |                      |                                         |                       | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) |
| DS-1    | 0.00                                                                                                                        | -                   | -                      | Filled Up soil consist of Silty Sand   | -                |                   | -         | -                                     | -      | -      | -               | -                  | -       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| UDS*    | 2.50                                                                                                                        | -                   | -                      | Medium Dense, Brownish, Silty Sand     | -                |                   | -         | -                                     | -      | -      | -               | -                  | -       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| SPT-1   | 3.00                                                                                                                        | 17                  | 21                     |                                        | SM               |                   | 0         | 28                                    | 60     | 8      | 4               | 0                  | 0       | -            | 1.73              | 11.50                             | 1.55                         | 2.60                             | DST+             | 0.00              | 30              | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| SPT-2   | 4.50                                                                                                                        | 22                  | 24                     |                                        | -                |                   | -         | -                                     | -      | -      | -               | -                  | -       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| UDS*    | 5.50                                                                                                                        | -                   | -                      |                                        | -                |                   | -         | -                                     | -      | -      | -               | -                  | -       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| SPT-3   | 6.00                                                                                                                        | 23                  | 23                     |                                        | SM               |                   | 0         | 24                                    | 63     | 10     | 3               | 0                  | 0       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| SPT-4   | 7.50                                                                                                                        | 26                  | 24                     |                                        | -                |                   | -         | -                                     | -      | -      | -               | -                  | -       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| UDS-1   | 8.50                                                                                                                        | -                   | -                      |                                        | SM               |                   | 0         | 28                                    | 55     | 9      | 6               | 2                  | 0       | -            | 1.79              | 12.63                             | 1.59                         | 2.61                             | DST              | 0.00              | 30              | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| SPT-5   | 9.00                                                                                                                        | 29                  | 25                     |                                        | -                |                   | -         | -                                     | -      | -      | -               | -                  | -       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| SPT-6   | 10.50                                                                                                                       | 30                  | 24                     |                                        | -                |                   | -         | -                                     | -      | -      | -               | -                  | -       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| SPT-7   | 12.00                                                                                                                       | 24                  | 18                     |                                        | -                |                   | -         | -                                     | -      | -      | -               | -                  | -       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| SPT-8   | 13.50                                                                                                                       | 38                  | 27                     | Dense, Brownish, Silty Sand            | SM               |                   | 0         | 29                                    | 52     | 13     | 5               | 1                  | 0       | -            | 1.82              | 12.50                             | 1.62                         | 2.61                             | DST+             | 0.00              | 31              | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| SPT-9   | 15.00                                                                                                                       | 41                  | 28                     |                                        | -                |                   | -         | -                                     | -      | -      | -               | -                  | -       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| SPT-10  | 16.50                                                                                                                       | 46                  | 30                     |                                        | SM               |                   | 0         | 21                                    | 62     | 10     | 7               | 0                  | 0       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| SPT-11  | 18.00                                                                                                                       | 49                  | 30                     |                                        | -                |                   | -         | -                                     | -      | -      | -               | -                  | -       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| SPT-12  | 19.50                                                                                                                       | 53                  | 31                     |                                        | SM               |                   | 0         | 22                                    | 57     | 10     | 10              | 1                  | 0       | -            | 1.83              | 12.00                             | 1.63                         | 2.62                             | DST+             | 0.00              | 32              | -                 | -                    | -                                       | -                     | -                                | -                      | -                            |                                |
| SPT-13  | 21.00                                                                                                                       | 55                  | 31                     |                                        | -                |                   | -         | -                                     | -      | -      | -               | -                  | -       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      |                              |                                |
| SPT-14  | 22.50                                                                                                                       | 58                  | 31                     |                                        | -                |                   | -         | -                                     | -      | -      | -               | -                  | -       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      |                              |                                |
| SPT-15  | 24.00                                                                                                                       | 62                  | 32                     |                                        | -                |                   | -         | -                                     | -      | -      | -               | -                  | -       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      |                              |                                |
| SPT-16  | 25.50                                                                                                                       | 68                  | 34                     |                                        | SM               |                   | 0         | 27                                    | 56     | 9      | 8               | 0                  | 0       | -            | 1.86              | 13.00                             | 1.65                         | 2.63                             | DST+             | 0.00              | 33              | -                 | -                    | -                                       | -                     | -                                | -                      |                              |                                |
| SPT-17  | 27.00                                                                                                                       | 73                  | 35                     |                                        | -                |                   | -         | -                                     | -      | -      | -               | -                  | -       | -            | -                 | -                                 | -                            | -                                | -                | -                 | -               | -                 | -                    | -                                       | -                     | -                                | -                      |                              |                                |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Toddi Mod (Total approximate length -42.8 km) |                     |                        |                                       |                                  |                   |           |                                       |      |        | Date of Boring |                    | Chainage/Location | B.H. No.     | Depth of Water Table |                                   | Termination Depth | Coordinates (E,N)                 |                                  |                                  |                  | R.L.         | Ref. Code                        |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
|---------|-----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------------------------|----------------------------------|-------------------|-----------|---------------------------------------|------|--------|----------------|--------------------|-------------------|--------------|----------------------|-----------------------------------|-------------------|-----------------------------------|----------------------------------|----------------------------------|------------------|--------------|----------------------------------|------------------------|-----------------------------------------|-----------------------|------------------------------|--------------------------------|----------------------------------------------------------|---------------------------------------------------------|-------------------------------------|--|--|--|--|--|
|         | Sample Type                                                                                                                 | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Soil Description                 | IS Classification | IS Symbol | Grain Size Distribution % wt retained |      |        |                | Atterberg Limits % |                   |              |                      | Bulk Density (g/cm <sup>3</sup> ) |                   | Natural Moisture Content (%)      | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity                 | Shear Strength   |              |                                  | Free Swell Index (%)   | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>v</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>2</sup> /Kg) | Compression Index (C <sub>c</sub> ) |  |  |  |  |  |
| Clay    |                                                                                                                             |                     |                        |                                       |                                  |                   |           | Silt                                  | Fine | Medium | Coarse         | Fine               | Coarse            | Liquid Limit | Plastic Limit        | Plasticity Index                  | Shrinkage Limit   | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%)     | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
| SPT-18  | SPT-18                                                                                                                      | 28.50               | 81                     | 37                                    | Very Dense, Brownish, Silty Sand | -                 |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
|         |                                                                                                                             | 30.00               | 89                     | 41                                    |                                  |                   |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
|         |                                                                                                                             | 31.50               | 96                     | 44                                    |                                  | SM                |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
|         |                                                                                                                             | 33.00               | 97                     | 45                                    |                                  | -                 |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
|         |                                                                                                                             | 34.50               | 99                     | 46                                    |                                  | -                 |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
|         |                                                                                                                             | 36.00               | >100                   | -                                     |                                  | -                 |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
|         |                                                                                                                             | 37.50               | >100                   | -                                     |                                  | SM                |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
|         |                                                                                                                             | 39.00               | >100                   | -                                     |                                  | -                 |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
|         |                                                                                                                             | 40.50               | >100                   | -                                     |                                  | -                 |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
|         |                                                                                                                             | 42.00               | >100                   | -                                     |                                  | -                 |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
|         |                                                                                                                             | 43.50               | >100                   | -                                     |                                  | SM                |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
|         |                                                                                                                             | 45.00               | >100                   | -                                     |                                  | -                 |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
|         |                                                                                                                             | 46.50               | >100                   | -                                     |                                  | -                 |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
|         |                                                                                                                             | 48.00               | >100                   | -                                     |                                  | SM                |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
|         |                                                                                                                             | 49.50               | >100                   | -                                     |                                  | -                 |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |
| 50.00   | >100                                                                                                                        | -                   | -                      |                                       |                                  |                   |           |                                       |      |        |                |                    |                   |              |                      |                                   |                   |                                   |                                  |                                  |                  |              |                                  |                        |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL AND ROCK CHARACTERISTICS

| Project     | "Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Toddi Mod ( Total approximate length -42.8 km)"PKG-IV |  |    |  |            |  |        |  |        |                 | IS Classification | IS Symbol | Soil & Rock Description | Corrected SPT Value (N) | Observed SPT Value (N) | Depth from G.L. (m) | Grain Size Distribution % wt retained |  |              |  | Atterberg Limits % |  |   | Depth of Water Table |               | Termination Depth | Coordinates (E,N) |  |  |  |  |  | R.L. | Ref. Code |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|             | 07-07-2026                                                                                                                           |  | to |  | 08-07-2026 |  | P-1197 |  | BH-418 | NOT ENCOUNTERED |                   |           |                         |                         |                        |                     | 50.00 m                               |  | 576266.000 m |  | 2989662.000 m      |  | - |                      | SR-1241_26-27 |                   |                   |  |  |  |  |  |      |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sample Type |                                                                                                                                      |  |    |  |            |  |        |  |        |                 |                   |           |                         |                         |                        |                     |                                       |  |              |  |                    |  |   |                      |               |                   |                   |  |  |  |  |  |      |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Abbreviations:-  
DS-Disurbed Sample, SPT-Standard Penetration Test, UDS\*-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+ - Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

## SOIL AND ROCK CHARACTERISTICS

[illegible]

Abbreviations:-  
 SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+-Direct Shear Test on Remoulded Sample, UUT+-Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project | "Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length ~42.8 km)" |                     |                        |      |                         |                  |                                       |        |        |        | IS Classification | IS Symbol | Date of Boring     |               |                  |                 |                      |                              | Chainage/Location | B.H. No. | Depth of Water Table |                     |                  | Termination Depth |                     | Coordinates (E,N)      |                      |   |               |                            |                       | R.L. | Ref. Code |
|---------|------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|------|-------------------------|------------------|---------------------------------------|--------|--------|--------|-------------------|-----------|--------------------|---------------|------------------|-----------------|----------------------|------------------------------|-------------------|----------|----------------------|---------------------|------------------|-------------------|---------------------|------------------------|----------------------|---|---------------|----------------------------|-----------------------|------|-----------|
|         | Sample Type                                                                                                                  | Depth from G.L. (m) | Observed SPT Value (N) |      | Corrected SPT Value (N) | Soil Description | Grain Size Distribution % wt retained |        |        |        |                   |           | Atterberg Limits % |               |                  | NOT ENCOUNTERED |                      |                              |                   |          | 34.00 m              | 576278.000 m        |                  |                   | 2989946.000 m       |                        |                      | - | SR-1241_26-27 |                            |                       |      |           |
|         |                                                                                                                              |                     | Clay                   | Silt |                         |                  | Fine                                  | Medium | Coarse | Gravel |                   |           | Liquid Limit       | Plastic Limit | Plasticity Index | Shrinkage Limit | Bulk Density (g/cm³) | Natural Moisture Content (%) |                   |          |                      | Dry Density (g/cm³) | Specific Gravity | Type of Test      | Cohesion C (kg/cm²) | Angle of Friction (φ°) | Free Swell Index (%) |   |               | Swelling Pressure (kg/cm²) | Permeability (cm/sec) |      |           |

## SOIL CHARACTERISTICS

[illegible]

Abbreviations:-  
 UDS- Disturbed Sample, SPT- Standard Penetration Test, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+ - Direct Shear Test on Remoulded Sample, UUT+-Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

SOIL CHARACTERISTICS

| Project     | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |    |            |   |        |        |         |              |               |   | Soil Description | IS Classification | IS Symbol | Depth from G.L. (m) | Observed SPT Value (N) | Corrected SPT Value (N <sub>c</sub> ) | Termination Depth | Date of Boring |      | Chainage/Location |      | B.H. No. |        |        |              | Depth of Water Table |                  | Coordinates (E,N) |                                   |                              |                  | R.L. | Ref. Code |              |                                  |                        |                      |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|             | 13-07-2026                                                                                                                 | to | 14-07-2026 | - | BH-434 | 2.00 m | 15.00 m | 576990.000 m | 2990018.000 m | - |                  |                   |           |                     |                        |                                       |                   | SR-1241_25-26  |      |                   |      |          |        |        |              |                      |                  |                   |                                   |                              |                  |      |           |              |                                  |                        |                      |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|             |                                                                                                                            |    |            |   |        |        |         |              |               |   |                  |                   |           |                     |                        |                                       |                   |                | Clay | Silt              | Fine | Medium   | Coarse | Gravel | Liquid Limit | Plastic Limit        | Plasticity Index | Shrinkage Limit   | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Specific Gravity |      |           | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>v</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>2</sup> /Kg) | Compression Index (C <sub>p</sub> ) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sample Type |                                                                                                                            |    |            |   |        |        |         |              |               |   |                  |                   |           |                     |                        |                                       |                   |                |      |                   |      |          |        |        |              |                      |                  |                   |                                   |                              |                  |      |           |              |                                  |                        |                      |                                         |                       |                              |                                |                                                          |                                                         |                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

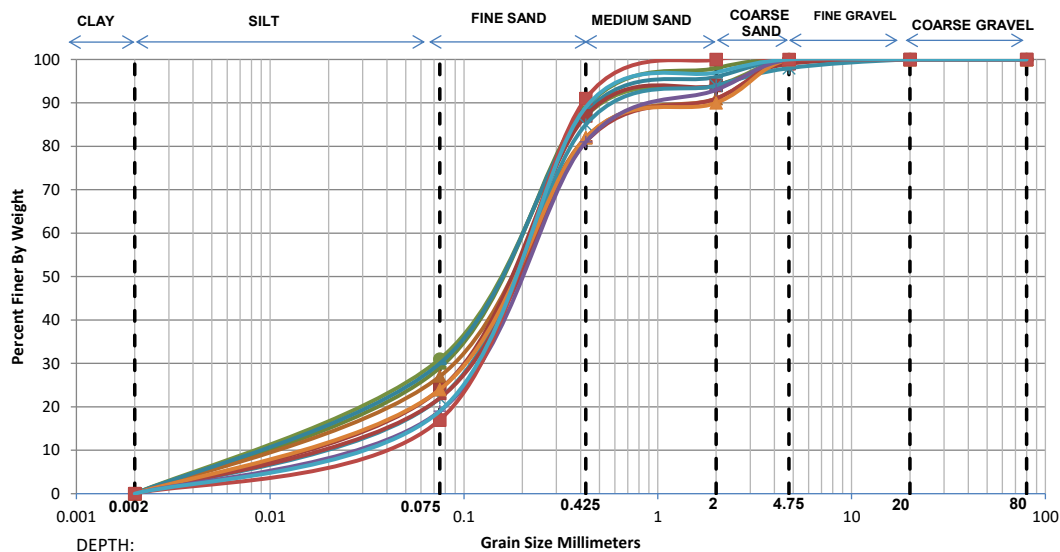
SOIL CHARACTERISTICS

| Project | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |      |      |        |            |              |   |              |               |                  | IS Classification | IS Symbol | Soil Description | Corrected SPT Value (N) | Observed SPT Value (N) | Depth from G.L. (m)   | Date of Boring  |                                   |                              |                                  | Chainage/Location |              |                                  |                        | B.H. No. | Depth of Water Table |                                         |                       |                              | Termination Depth              |                                                          | Coordinates (E,N)                                       |                                     |   |   |  |  | R.L. | Ref. Code |
|---------|----------------------------------------------------------------------------------------------------------------------------|------|------|--------|------------|--------------|---|--------------|---------------|------------------|-------------------|-----------|------------------|-------------------------|------------------------|-----------------------|-----------------|-----------------------------------|------------------------------|----------------------------------|-------------------|--------------|----------------------------------|------------------------|----------|----------------------|-----------------------------------------|-----------------------|------------------------------|--------------------------------|----------------------------------------------------------|---------------------------------------------------------|-------------------------------------|---|---|--|--|------|-----------|
|         | 13-07-2026                                                                                                                 |      | to   |        | 14-07-2026 |              | - |              |               |                  |                   |           |                  |                         |                        |                       | BH-435          |                                   |                              |                                  | 2.10 m            |              | 13.50 m                          |                        |          | 577080.000 m         |                                         | 2990049.000 m         |                              |                                |                                                          | -                                                       |                                     |   |   |  |  |      |           |
|         | Clay                                                                                                                       | Silt | Fine | Medium | Coarse     | Gravel       |   | Liquid Limit | Plastic Limit | Plasticity Index |                   |           |                  |                         |                        |                       | Shrinkage Limit | Bulk Density (g/cm <sup>3</sup> ) | Natural Moisture Content (%) | Dry Density (g/cm <sup>3</sup> ) | Specific Gravity  | Type of Test | Cohesion C (kg/cm <sup>2</sup> ) | Angle of Friction (φ°) |          | Free Swell Index (%) | Swelling Pressure (kg/cm <sup>2</sup> ) | Permeability (cm/sec) | Void Ratio (e <sub>0</sub> ) | Pressure (kg/cm <sup>2</sup> ) | C <sub>v</sub> x 10 <sup>-4</sup> (cm <sup>2</sup> /Sec) | M <sub>v</sub> x 10 <sup>-2</sup> (cm <sup>2</sup> /Kg) | Compression Index (C <sub>c</sub> ) |   |   |  |  |      |           |
| DS-1    | 0.00                                                                                                                       | -    | -    | -      | -          | -            | - | -            | -             | -                | -                 | -         | -                | -                       | -                      | -                     | -               | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -        | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - |   |  |  |      |           |
| UDS*    | 2.50                                                                                                                       | -    | -    | -      | -          | -            | - | -            | -             | -                | -                 | -         | -                | -                       | -                      | -                     | -               | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -        | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - |   |  |  |      |           |
| SPT-1   | 3.00                                                                                                                       | >100 | -    | -      | -          | 0            | 7 | 26           | 33            | 28               | 6                 | 0         | -                | Nil                     | NP                     | -                     | -               | -                                 | -                            | -                                | -                 | -            | -                                | -                      | -        | -                    | -                                       | -                     | -                            | -                              | -                                                        | -                                                       | -                                   | - |   |  |  |      |           |
| RC-1    | 3.10                                                                                                                       | -    | -    | -      | -          | R.Q.D. = 0 % |   |              |               | -                |                   |           |                  | -                       |                        | -                     |                 | -                                 |                              | -                                |                   | -            |                                  | -                      |          | -                    |                                         | -                     |                              | -                              |                                                          | -                                                       |                                     | - | - |  |  |      |           |
| RC-2    | 4.50                                                                                                                       | -    | -    | -      | -          | R.Q.D. = 0 % |   |              |               | Sp.Gr. = 2.61    |                   |           |                  | W.A. = 0.61 %           |                        | Density = 2.60 (g/cc) |                 | Porosity = 1.59 %                 |                              | -                                |                   | -            |                                  | -                      |          | -                    |                                         | -                     |                              | -                              |                                                          | -                                                       | -                                   |   |   |  |  |      |           |
| RC-3    | 6.00                                                                                                                       | -    | -    | -      | -          | R.Q.D. = 0 % |   |              |               | -                |                   |           |                  | -                       |                        | -                     |                 | -                                 |                              | -                                |                   | -            |                                  | -                      |          | -                    |                                         | -                     |                              | -                              |                                                          | -                                                       |                                     | - | - |  |  |      |           |
| RC-4    | 7.50                                                                                                                       | -    | -    | -      | -          | R.Q.D. = 0 % |   |              |               | -                |                   |           |                  | -                       |                        | -                     |                 | -                                 |                              | -                                |                   | -            |                                  | -                      |          | -                    |                                         | -                     |                              | -                              |                                                          | -                                                       |                                     | - | - |  |  |      |           |
| RC-5    | 9.00                                                                                                                       | -    | -    | -      | -          | R.Q.D. = 0 % |   |              |               | Sp.Gr. = 2.66    |                   |           |                  | W.A. = 0.54 %           |                        | Density = 2.65 (g/cc) |                 | Porosity = 1.44 %                 |                              | -                                |                   | -            |                                  | -                      |          | -                    |                                         | -                     |                              | -                              |                                                          | -                                                       | -                                   |   |   |  |  |      |           |
| RC-6    | 10.50                                                                                                                      | -    | -    | -      | -          | R.Q.D. = 0 % |   |              |               | -                |                   |           |                  | -                       |                        | -                     |                 | -                                 |                              | -                                |                   | -            |                                  | -                      |          | -                    |                                         | -                     |                              | -                              |                                                          | -                                                       |                                     | - | - |  |  |      |           |
| RC-7    | 12.00                                                                                                                      | -    | -    | -      | -          | R.Q.D. = 0 % |   |              |               | -                |                   |           |                  | -                       |                        | -                     |                 | -                                 |                              | -                                |                   | -            |                                  | -                      |          | -                    |                                         | -                     |                              | -                              |                                                          | -                                                       |                                     | - | - |  |  |      |           |

Abbreviations:-  
DS-Disturbed Sample, SPT-Standard Penetration Test, UDS-Undisturbed Sample, UDS\*-UDS not recovered, DST-Direct Shear Test, UUT-Unconsolidated Undrained Triaxial Shear Test, DST+- Direct Shear Test on Remoulded Sample, UUT+- Unconsolidated Undrained Tri-axial Test on Remoulded Sample.

## GRAIN SIZE DISTRIBUTION CURVES

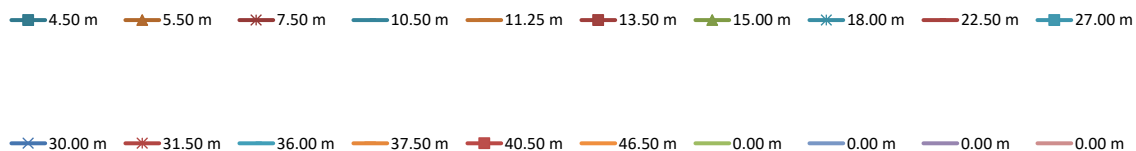
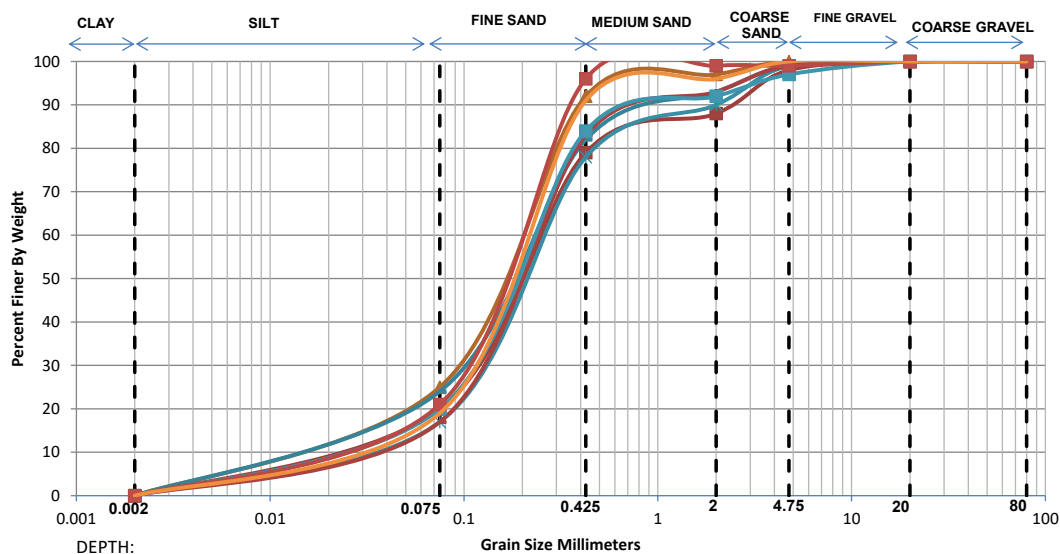
|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | P-961                                                                                                                      |
| B.H. No.          | 341                                                                                                                        |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 29.00 | 60.00 | 9.00   | 2.00   | 0.00   | 0.00   | 0.0141 | 0.0785 | 0.1968 | 13.95 | 2.22 |
| 5.50 m  | 0.00                                  | 27.00 | 55.00 | 9.00   | 9.00   | 0.00   | 0.00   | 0.0158 | 0.0863 | 0.2246 | 14.24 | 2.10 |
| 8.50 m  | 0.00                                  | 31.00 | 56.00 | 7.00   | 6.00   | 0.00   | 0.00   | 0.0124 | 0.0716 | 0.1944 | 15.66 | 2.12 |
| 10.50 m | 0.00                                  | 30.00 | 58.00 | 8.00   | 4.00   | 0.00   | 0.00   | 0.0132 | 0.0750 | 0.1956 | 14.80 | 2.18 |
| 15.00 m | 0.00                                  | 24.00 | 63.00 | 7.00   | 5.00   | 1.00   | 0.00   | 0.0199 | 0.0976 | 0.2176 | 10.93 | 2.20 |
| 19.50 m | 0.00                                  | 22.00 | 63.00 | 9.00   | 4.00   | 2.00   | 0.00   | 0.0232 | 0.1063 | 0.2303 | 9.91  | 2.11 |
| 24.00 m | 0.00                                  | 22.00 | 59.00 | 10.00  | 9.00   | 0.00   | 0.00   | 0.0230 | 0.1073 | 0.2444 | 10.63 | 2.05 |
| 30.00 m | 0.00                                  | 24.00 | 58.00 | 8.00   | 10.00  | 0.00   | 0.00   | 0.0196 | 0.0985 | 0.2338 | 11.91 | 2.11 |
| 36.00 m | 0.00                                  | 19.00 | 62.00 | 12.00  | 7.00   | 0.00   | 0.00   | 0.0300 | 0.1208 | 0.2538 | 8.47  | 1.92 |
| 42.00 m | 0.00                                  | 17.00 | 74.00 | 9.00   | 0.00   | 0.00   | 0.00   | 0.0372 | 0.1260 | 0.2298 | 6.18  | 1.86 |
| 46.50 m | 0.00                                  | 19.00 | 70.00 | 8.00   | 3.00   | 0.00   | 0.00   | 0.0305 | 0.1180 | 0.2281 | 7.47  | 2.00 |

## GRAIN SIZE DISTRIBUTION CURVES

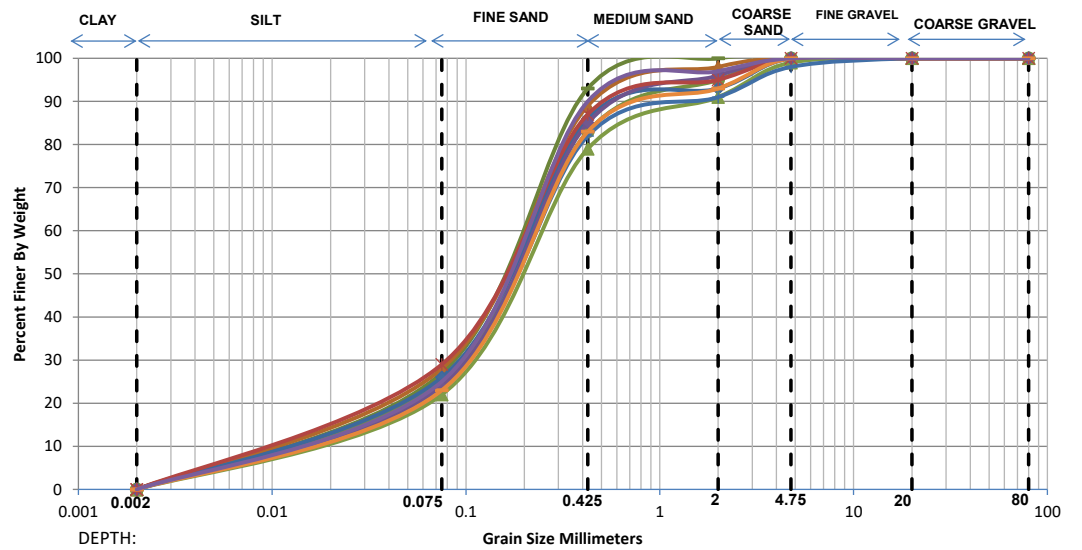
|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | P-965                                                                                                                      |
| B.H. No.          | 342                                                                                                                        |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 4.50 m  | #N/A                                  | #N/A  | #N/A  | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A  | #N/A |
| 5.50 m  | 0.00                                  | 25.00 | 67.00 | 5.00   | 3.00   | 0.00   | 0.00   | 0.0187 | 0.0930 | 0.2019 | 10.79 | 2.29 |
| 7.50 m  | #N/A                                  | #N/A  | #N/A  | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A  | #N/A |
| 10.50 m | 0.00                                  | 24.00 | 58.00 | 11.00  | 6.00   | 1.00   | 0.00   | 0.0196 | 0.0985 | 0.2349 | 11.97 | 2.11 |
| 11.25 m | #N/A                                  | #N/A  | #N/A  | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A  | #N/A |
| 13.50 m | 0.00                                  | 20.00 | 59.00 | 9.00   | 10.00  | 2.00   | 0.00   | 0.0272 | 0.1168 | 0.2580 | 9.49  | 1.94 |
| 15.00 m | #N/A                                  | #N/A  | #N/A  | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A  | #N/A |
| 18.00 m | 0.00                                  | 17.00 | 61.00 | 12.00  | 9.00   | 1.00   | 0.00   | 0.0362 | 0.1315 | 0.2716 | 7.51  | 1.76 |
| 22.50 m | 0.00                                  | 17.00 | 66.00 | 10.00  | 6.00   | 1.00   | 0.00   | 0.0366 | 0.1291 | 0.2517 | 6.88  | 1.81 |
| 27.00 m | 0.00                                  | 20.00 | 64.00 | 8.00   | 5.00   | 3.00   | 0.00   | 0.0276 | 0.1151 | 0.2391 | 8.68  | 2.01 |
| 30.00 m | #N/A                                  | #N/A  | #N/A  | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A  | #N/A |
| 31.50 m | #N/A                                  | #N/A  | #N/A  | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A  | #N/A |
| 36.00 m | #N/A                                  | #N/A  | #N/A  | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A  | #N/A |
| 37.50 m | #N/A                                  | #N/A  | #N/A  | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A  | #N/A |
| 40.50 m | 0.00                                  | 21.00 | 75.00 | 3.00   | 0.00   | 1.00   | 0.00   | 0.0260 | 0.1079 | 0.2062 | 7.95  | 2.17 |
| 46.50 m | 0.00                                  | 19.00 | 72.00 | 5.00   | 4.00   | 0.00   | 0.00   | 0.0307 | 0.1173 | 0.2226 | 7.26  | 2.01 |
| 0.00 m  | #N/A                                  | #N/A  | #N/A  | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A  | #N/A |
| 0.00 m  | #N/A                                  | #N/A  | #N/A  | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A  | #N/A |
| 0.00 m  | #N/A                                  | #N/A  | #N/A  | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A  | #N/A |
| 0.00 m  | #N/A                                  | #N/A  | #N/A  | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A   | #N/A  | #N/A |

## GRAIN SIZE DISTRIBUTION CURVES

|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | CH-32+700                                                                                                                  |
| B.H. No.          | 343                                                                                                                        |

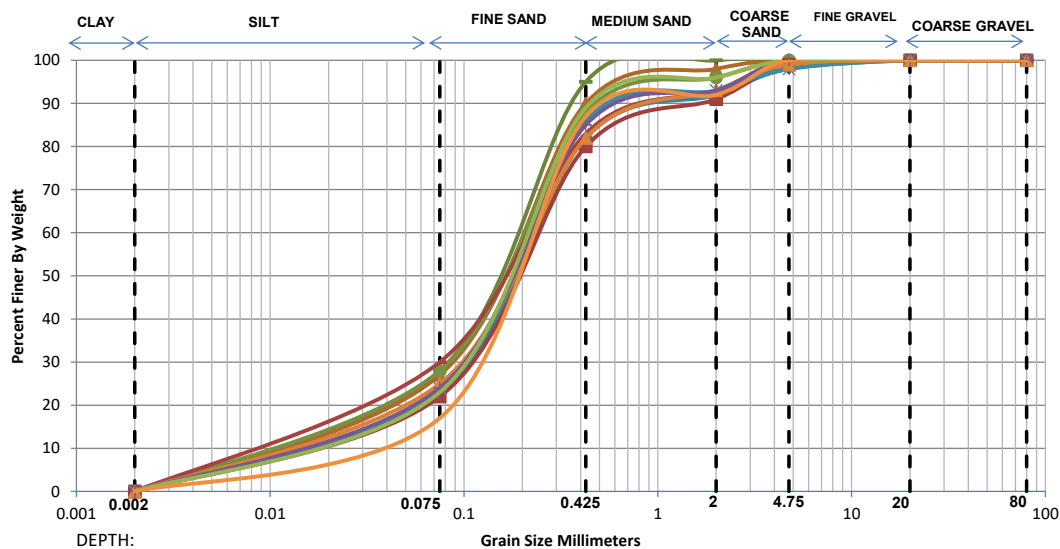


— 3.00 m — 5.50 m — 8.50 m — 12.00 m — 15.00 m — 21.00 m — 25.50 m — 31.50 m — 37.50 m — 43.50 m

| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 27.00 | 66.00 | 7.00   | 0.00   | 0.00   | 0.00   | 0.0163 | 0.0855 | 0.1941 | 11.93 | 2.32 |
| 5.50 m  | 0.00                                  | 28.00 | 61.00 | 9.00   | 2.00   | 0.00   | 0.00   | 0.0151 | 0.0821 | 0.2002 | 13.30 | 2.24 |
| 8.50 m  | 0.00                                  | 25.00 | 58.00 | 12.00  | 5.00   | 0.00   | 0.00   | 0.0183 | 0.0942 | 0.2286 | 12.52 | 2.13 |
| 12.00 m | 0.00                                  | 26.00 | 60.00 | 7.00   | 7.00   | 0.00   | 0.00   | 0.0171 | 0.0898 | 0.2141 | 12.50 | 2.20 |
| 15.00 m | 0.00                                  | 22.00 | 57.00 | 12.00  | 8.00   | 1.00   | 0.00   | 0.0229 | 0.1079 | 0.2534 | 11.09 | 2.01 |
| 21.00 m | 0.00                                  | 24.00 | 58.00 | 9.00   | 7.00   | 2.00   | 0.00   | 0.0196 | 0.0985 | 0.2342 | 11.93 | 2.11 |
| 25.50 m | 0.00                                  | 24.00 | 61.00 | 11.00  | 4.00   | 0.00   | 0.00   | 0.0198 | 0.0980 | 0.2248 | 11.36 | 2.16 |
| 31.50 m | 0.00                                  | 29.00 | 58.00 | 8.00   | 5.00   | 0.00   | 0.00   | 0.0140 | 0.0785 | 0.2016 | 14.37 | 2.18 |
| 37.50 m | 0.00                                  | 23.00 | 60.00 | 10.00  | 7.00   | 0.00   | 0.00   | 0.0213 | 0.1025 | 0.2341 | 10.99 | 2.11 |
| 43.50 m | 0.00                                  | 25.00 | 65.00 | 7.00   | 3.00   | 0.00   | 0.00   | 0.0186 | 0.0933 | 0.2069 | 11.12 | 2.26 |

## GRAIN SIZE DISTRIBUTION CURVES

|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | CH-327+60                                                                                                                  |
| B.H. No.          | 344                                                                                                                        |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 28.00 | 67.00 | 5.00   | 0.00   | 0.00   | 0.00   | 0.0153 | 0.0819 | 0.1866 | 12.20 | 2.35 |
| 5.50 m  | 0.00                                  | 27.00 | 63.00 | 8.00   | 2.00   | 0.00   | 0.00   | 0.0161 | 0.0857 | 0.2008 | 12.44 | 2.27 |
| 8.50 m  | 0.00                                  | 28.00 | 60.00 | 8.00   | 4.00   | 0.00   | 0.00   | 0.0150 | 0.0821 | 0.2023 | 13.48 | 2.22 |
| 10.50 m | 0.00                                  | 23.00 | 59.00 | 10.00  | 6.00   | 2.00   | 0.00   | 0.0212 | 0.1027 | 0.2376 | 11.19 | 2.09 |
| 13.50 m | 0.00                                  | 22.00 | 58.00 | 11.00  | 8.00   | 1.00   | 0.00   | 0.0229 | 0.1076 | 0.2488 | 10.85 | 2.03 |
| 18.00 m | 0.00                                  | 24.00 | 62.00 | 7.00   | 5.00   | 2.00   | 0.00   | 0.0199 | 0.0978 | 0.2205 | 11.11 | 2.18 |
| 22.50 m | 0.00                                  | 30.00 | 53.00 | 10.00  | 7.00   | 0.00   | 0.00   | 0.0130 | 0.0750 | 0.2111 | 16.21 | 2.05 |
| 28.50 m | 0.00                                  | 25.00 | 57.00 | 11.00  | 6.00   | 1.00   | 0.00   | 0.0182 | 0.0944 | 0.2318 | 12.74 | 2.11 |
| 34.50 m | 0.00                                  | 24.00 | 61.00 | 8.00   | 7.00   | 0.00   | 0.00   | 0.0198 | 0.0980 | 0.2238 | 11.30 | 2.17 |
| 42.00 m | 0.00                                  | 23.00 | 66.00 | 7.00   | 4.00   | 0.00   | 0.00   | 0.0216 | 0.1013 | 0.2156 | 9.96  | 2.20 |
| 46.50 m | 0.00                                  | 17.00 | 70.00 | 5.00   | 8.00   | 0.00   | 0.00   | 0.0369 | 0.1272 | 0.2382 | 6.46  | 1.84 |

## GRAIN SIZE DISTRIBUTION CURVES

Project Name

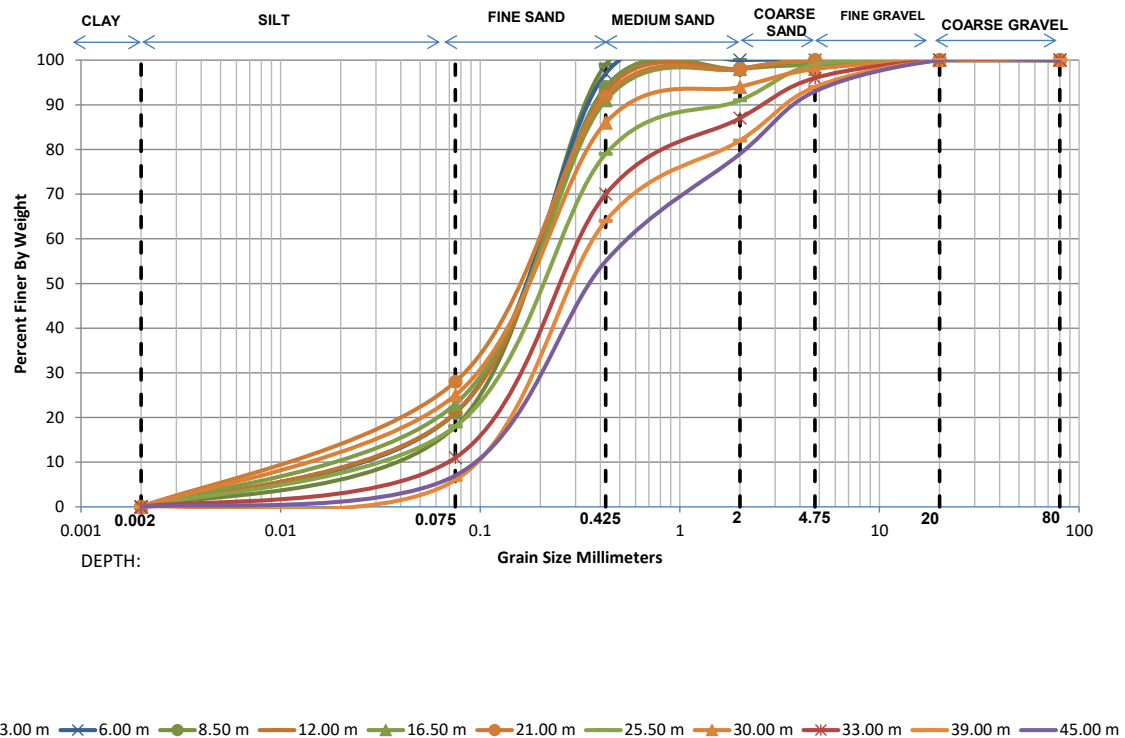
Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km)

Location/Chainage

P-938

B.H. No.

333



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 18.00 | 81.00 | 1.00   | 0.00   | 0.00   | 0.00   | 0.0342 | 0.1192 | 0.2101 | 6.14  | 1.97 |
| 6.00 m  | 0.00                                  | 21.00 | 76.00 | 3.00   | 0.00   | 0.00   | 0.00   | 0.0260 | 0.1077 | 0.2046 | 7.86  | 2.18 |
| 8.50 m  | 0.00                                  | 21.00 | 73.00 | 4.00   | 1.00   | 1.00   | 0.00   | 0.0258 | 0.1083 | 0.2101 | 8.13  | 2.16 |
| 12.00 m | 0.00                                  | 21.00 | 72.00 | 5.00   | 2.00   | 0.00   | 0.00   | 0.0258 | 0.1085 | 0.2123 | 8.24  | 2.15 |
| 16.50 m | 0.00                                  | 23.00 | 68.00 | 7.00   | 2.00   | 0.00   | 0.00   | 0.0217 | 0.1010 | 0.2109 | 9.70  | 2.22 |
| 21.00 m | 0.00                                  | 28.00 | 64.00 | 6.00   | 2.00   | 0.00   | 0.00   | 0.0152 | 0.0820 | 0.1925 | 12.69 | 2.30 |
| 25.50 m | 0.00                                  | 18.00 | 61.00 | 12.00  | 8.00   | 1.00   | 0.00   | 0.0328 | 0.1263 | 0.2646 | 8.06  | 1.84 |
| 30.00 m | 0.00                                  | 25.00 | 61.00 | 8.00   | 4.00   | 2.00   | 0.00   | 0.0184 | 0.0938 | 0.2176 | 11.82 | 2.20 |
| 33.00 m | 0.00                                  | 11.00 | 59.00 | 17.00  | 9.00   | 4.00   | 0.00   | 0.0681 | 0.1690 | 0.3302 | 4.85  | 1.27 |
| 39.00 m | 0.00                                  | 6.00  | 58.00 | 18.00  | 12.00  | 6.00   | 0.00   | 0.1048 | 0.2060 | 0.3832 | 3.65  | 1.06 |
| 45.00 m | 0.00                                  | 7.00  | 48.00 | 24.00  | 14.00  | 7.00   | 0.00   | 0.0993 | 0.2173 | 0.5616 | 5.66  | 0.85 |

## GRAIN SIZE DISTRIBUTION CURVES

Project Name

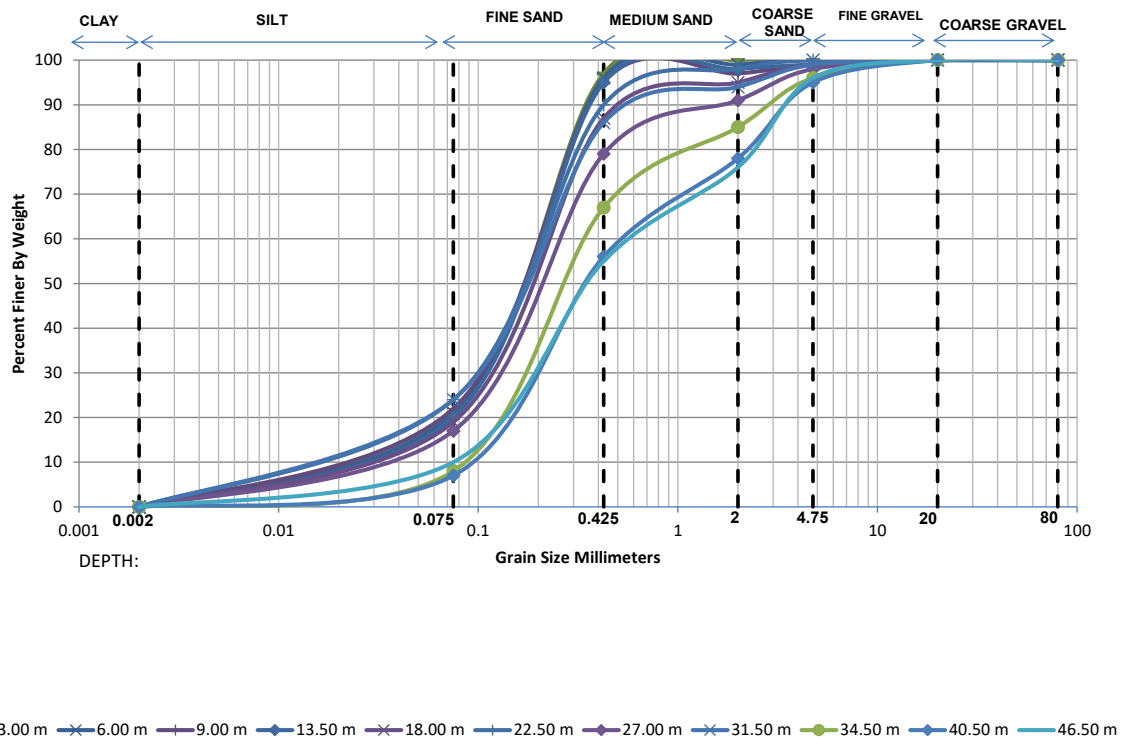
Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km)

Location/Chainage

P-939

B.H. No.

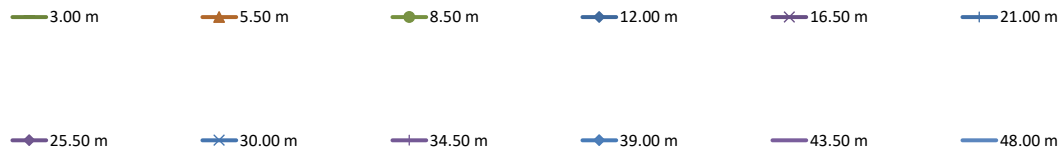
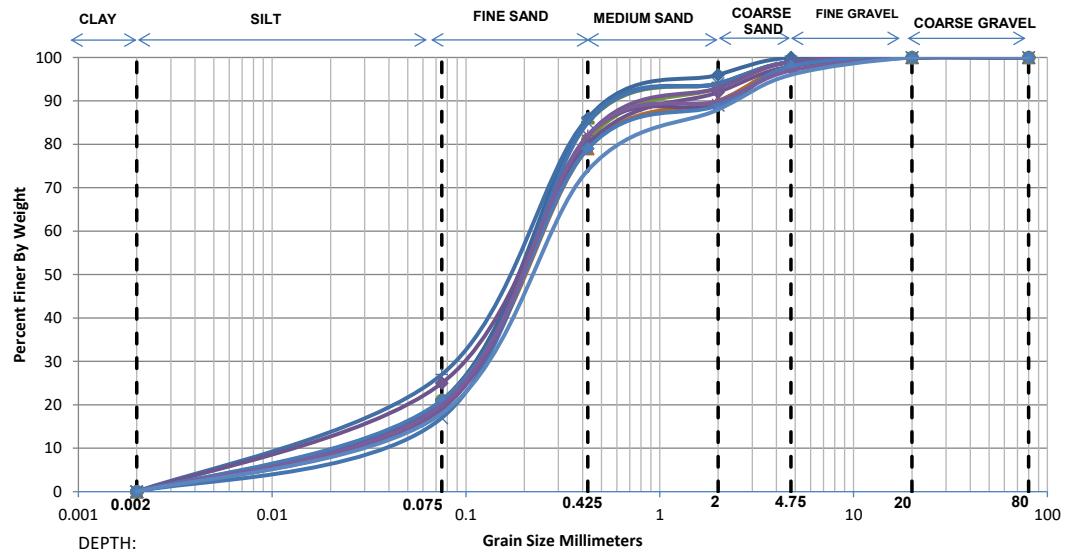
334



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 21.00 | 76.00 | 3.00   | 0.00   | 0.00   | 0.00   | 0.0260 | 0.1077 | 0.2046 | 7.86  | 2.18 |
| 6.00 m  | 0.00                                  | 21.00 | 75.00 | 3.00   | 1.00   | 0.00   | 0.00   | 0.0260 | 0.1079 | 0.2062 | 7.95  | 2.17 |
| 9.00 m  | 0.00                                  | 22.00 | 73.00 | 2.00   | 2.00   | 1.00   | 0.00   | 0.0238 | 0.1041 | 0.2046 | 8.59  | 2.22 |
| 13.50 m | 0.00                                  | 20.00 | 75.00 | 3.00   | 1.00   | 1.00   | 0.00   | 0.0283 | 0.1121 | 0.2111 | 7.47  | 2.11 |
| 18.00 m | 0.00                                  | 19.00 | 68.00 | 8.00   | 4.00   | 1.00   | 0.00   | 0.0304 | 0.1186 | 0.2333 | 7.67  | 1.98 |
| 22.50 m | 0.00                                  | 24.00 | 66.00 | 8.00   | 2.00   | 0.00   | 0.00   | 0.0201 | 0.0972 | 0.2104 | 10.49 | 2.24 |
| 27.00 m | 0.00                                  | 17.00 | 62.00 | 12.00  | 7.00   | 2.00   | 0.00   | 0.0362 | 0.1310 | 0.2673 | 7.37  | 1.77 |
| 31.50 m | 0.00                                  | 24.00 | 62.00 | 8.00   | 5.00   | 1.00   | 0.00   | 0.0199 | 0.0978 | 0.2208 | 11.12 | 2.18 |
| 34.50 m | 0.00                                  | 8.00  | 59.00 | 18.00  | 11.00  | 4.00   | 0.00   | 0.0889 | 0.1897 | 0.3562 | 4.01  | 1.14 |
| 40.50 m | 0.00                                  | 7.00  | 49.00 | 22.00  | 17.00  | 5.00   | 0.00   | 0.0990 | 0.2144 | 0.5380 | 5.44  | 0.86 |
| 46.50 m | 0.00                                  | 10.00 | 45.00 | 21.00  | 20.00  | 4.00   | 0.00   | 0.0750 | 0.1978 | 0.6032 | 8.04  | 0.87 |

## GRAIN SIZE DISTRIBUTION CURVES

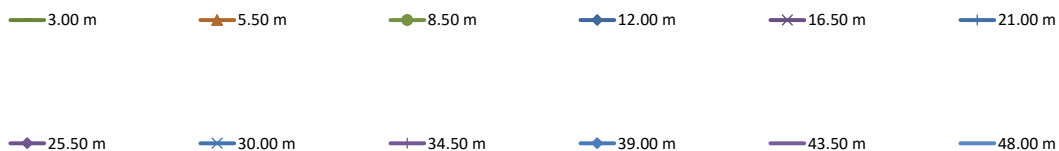
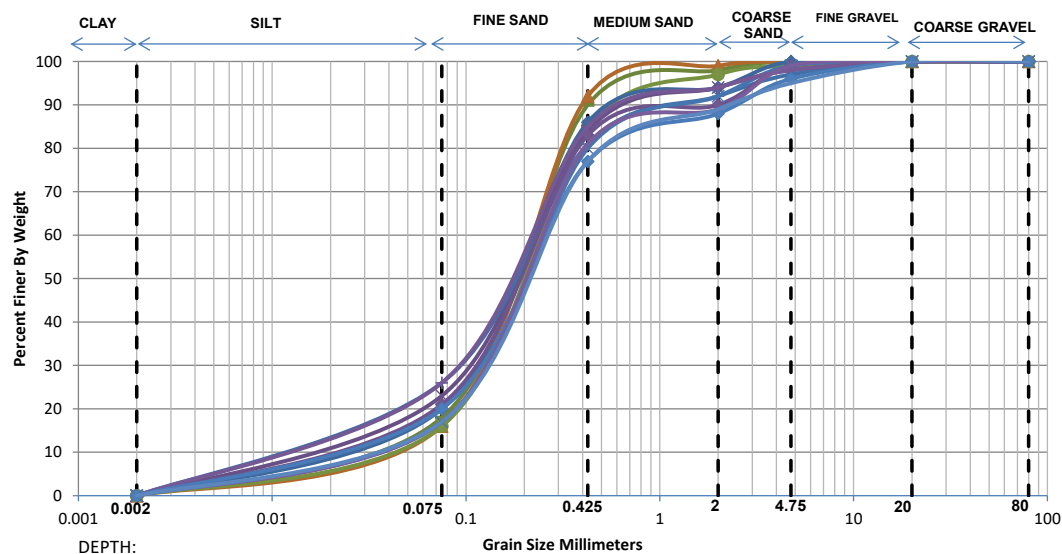
|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | P-971                                                                                                                      |
| B.H. No.          | 345                                                                                                                        |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 21.00 | 64.00 | 9.00   | 5.00   | 1.00   | 0.00   | 0.0253 | 0.1105 | 0.2333 | 9.23  | 2.07 |
| 5.50 m  | 0.00                                  | 20.00 | 59.00 | 11.00  | 8.00   | 2.00   | 0.00   | 0.0272 | 0.1169 | 0.2587 | 9.51  | 1.94 |
| 8.50 m  | 0.00                                  | 21.00 | 60.00 | 12.00  | 6.00   | 1.00   | 0.00   | 0.0250 | 0.1118 | 0.2481 | 9.91  | 2.01 |
| 12.00 m | 0.00                                  | 21.00 | 65.00 | 10.00  | 4.00   | 0.00   | 0.00   | 0.0254 | 0.1103 | 0.2307 | 9.10  | 2.08 |
| 16.50 m | 0.00                                  | 20.00 | 62.00 | 7.00   | 9.00   | 2.00   | 0.00   | 0.0274 | 0.1157 | 0.2455 | 8.96  | 1.99 |
| 21.00 m | 0.00                                  | 27.00 | 59.00 | 8.00   | 5.00   | 1.00   | 0.00   | 0.0160 | 0.0860 | 0.2111 | 13.23 | 2.19 |
| 25.50 m | 0.00                                  | 25.00 | 55.00 | 12.00  | 6.00   | 2.00   | 0.00   | 0.0181 | 0.0947 | 0.2400 | 13.27 | 2.06 |
| 30.00 m | 0.00                                  | 17.00 | 68.00 | 9.00   | 5.00   | 1.00   | 0.00   | 0.0367 | 0.1282 | 0.2451 | 6.67  | 1.83 |
| 34.50 m | 0.00                                  | 19.00 | 63.00 | 11.00  | 6.00   | 1.00   | 0.00   | 0.0301 | 0.1204 | 0.2498 | 8.31  | 1.93 |
| 39.00 m | 0.00                                  | 21.00 | 58.00 | 10.00  | 9.00   | 2.00   | 0.00   | 0.0249 | 0.1123 | 0.2555 | 10.27 | 1.98 |
| 43.50 m | 0.00                                  | 20.00 | 62.00 | 8.00   | 7.00   | 3.00   | 0.00   | 0.0274 | 0.1157 | 0.2459 | 8.97  | 1.99 |
| 48.00 m | 0.00                                  | 18.00 | 56.00 | 14.00  | 8.00   | 4.00   | 0.00   | 0.0324 | 0.1288 | 0.2900 | 8.95  | 1.77 |

## GRAIN SIZE DISTRIBUTION CURVES

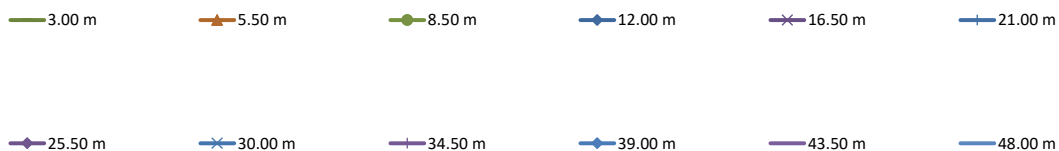
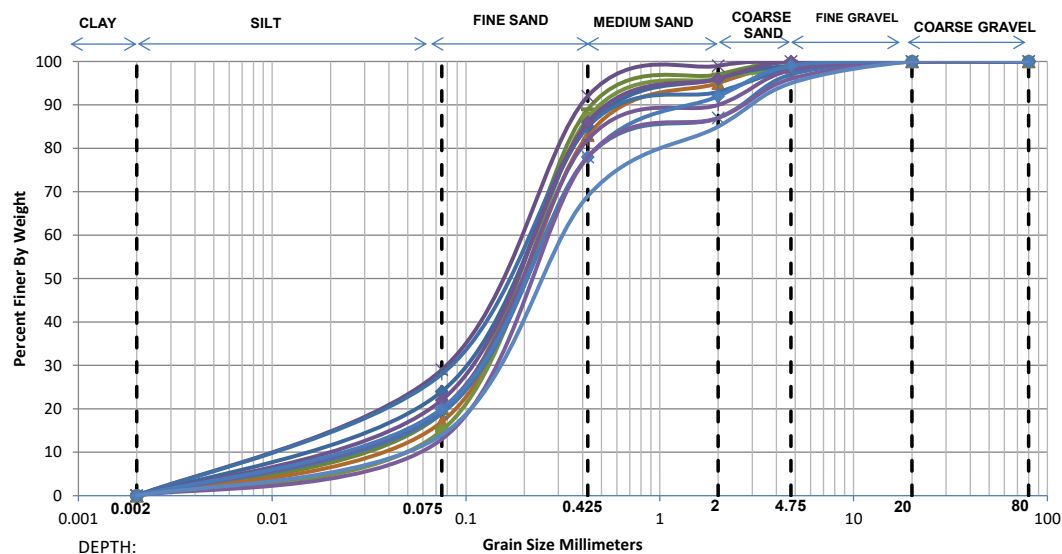
|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | P-975                                                                                                                      |
| B.H. No.          | 346                                                                                                                        |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 18.00 | 72.00 | 8.00   | 2.00   | 0.00   | 0.00   | 0.0336 | 0.1220 | 0.2287 | 6.80  | 1.93 |
| 5.50 m  | 0.00                                  | 16.00 | 76.00 | 7.00   | 1.00   | 0.00   | 0.00   | 0.0412 | 0.1300 | 0.2301 | 5.59  | 1.78 |
| 8.50 m  | 0.00                                  | 16.00 | 69.00 | 12.00  | 2.00   | 1.00   | 0.00   | 0.0406 | 0.1330 | 0.2489 | 6.12  | 1.75 |
| 12.00 m | 0.00                                  | 20.00 | 66.00 | 8.00   | 6.00   | 0.00   | 0.00   | 0.0277 | 0.1145 | 0.2331 | 8.42  | 2.03 |
| 16.50 m | 0.00                                  | 23.00 | 61.00 | 10.00  | 4.00   | 2.00   | 0.00   | 0.0214 | 0.1023 | 0.2307 | 10.80 | 2.12 |
| 21.00 m | 0.00                                  | 26.00 | 55.00 | 11.00  | 5.00   | 3.00   | 0.00   | 0.0169 | 0.0904 | 0.2324 | 13.78 | 2.08 |
| 25.50 m | 0.00                                  | 21.00 | 62.00 | 7.00   | 9.00   | 1.00   | 0.00   | 0.0252 | 0.1110 | 0.2391 | 9.50  | 2.05 |
| 30.00 m | 0.00                                  | 17.00 | 63.00 | 12.00  | 7.00   | 1.00   | 0.00   | 0.0363 | 0.1305 | 0.2632 | 7.25  | 1.78 |
| 34.50 m | 0.00                                  | 26.00 | 59.00 | 9.00   | 4.00   | 2.00   | 0.00   | 0.0171 | 0.0900 | 0.2177 | 12.76 | 2.18 |
| 39.00 m | 0.00                                  | 20.00 | 57.00 | 11.00  | 8.00   | 4.00   | 0.00   | 0.0271 | 0.1176 | 0.2679 | 9.90  | 1.91 |
| 43.50 m | 0.00                                  | 17.00 | 64.00 | 8.00   | 10.00  | 1.00   | 0.00   | 0.0364 | 0.1298 | 0.2581 | 7.09  | 1.79 |
| 48.00 m | 0.00                                  | 17.00 | 60.00 | 12.00  | 6.00   | 5.00   | 0.00   | 0.0361 | 0.1320 | 0.2762 | 7.65  | 1.75 |

## GRAIN SIZE DISTRIBUTION CURVES

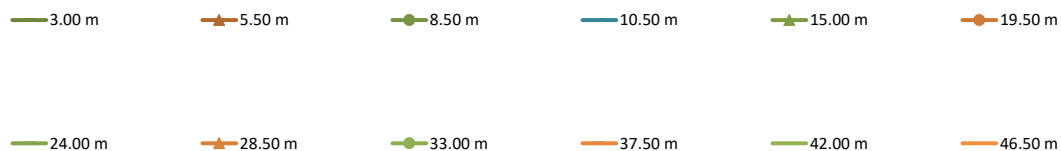
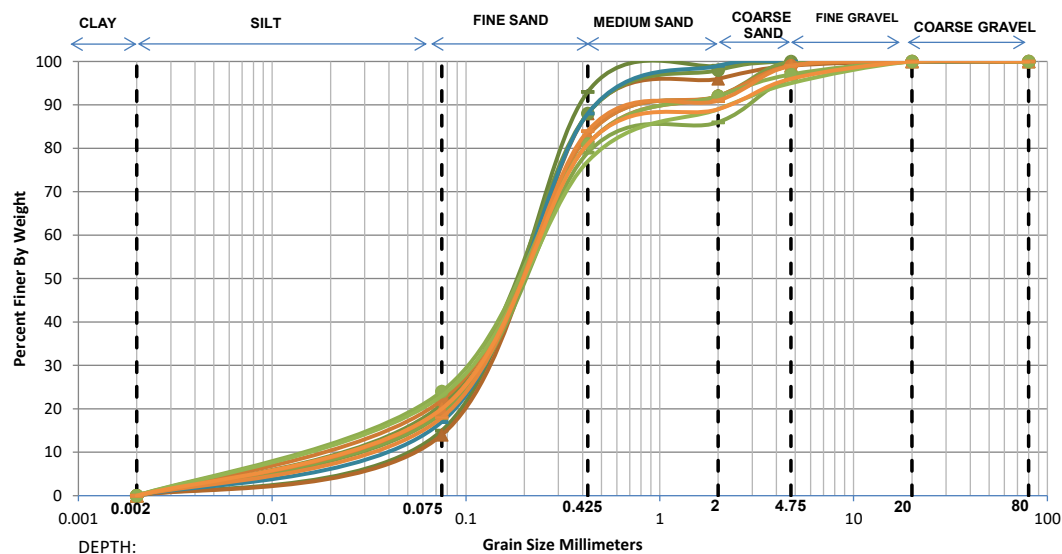
|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | P-978                                                                                                                      |
| B.H. No.          | 347                                                                                                                        |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 19.00 | 70.00 | 8.00   | 3.00   | 0.00   | 0.00   | 0.0305 | 0.1180 | 0.2281 | 7.47  | 2.00 |
| 5.50 m  | 0.00                                  | 17.00 | 66.00 | 12.00  | 4.00   | 1.00   | 0.00   | 0.0366 | 0.1292 | 0.2524 | 6.90  | 1.81 |
| 8.50 m  | 0.00                                  | 15.00 | 72.00 | 9.00   | 2.00   | 2.00   | 0.00   | 0.0453 | 0.1366 | 0.2453 | 5.42  | 1.68 |
| 12.00 m | 0.00                                  | 24.00 | 61.00 | 11.00  | 3.00   | 1.00   | 0.00   | 0.0198 | 0.0980 | 0.2248 | 11.36 | 2.16 |
| 16.50 m | 0.00                                  | 29.00 | 63.00 | 7.00   | 1.00   | 0.00   | 0.00   | 0.0142 | 0.0784 | 0.1895 | 13.32 | 2.28 |
| 21.00 m | 0.00                                  | 28.00 | 57.00 | 8.00   | 5.00   | 2.00   | 0.00   | 0.0149 | 0.0823 | 0.2108 | 14.17 | 2.16 |
| 25.50 m | 0.00                                  | 22.00 | 64.00 | 10.00  | 4.00   | 0.00   | 0.00   | 0.0233 | 0.1061 | 0.2277 | 9.77  | 2.12 |
| 30.00 m | 0.00                                  | 19.00 | 59.00 | 9.00   | 10.00  | 3.00   | 0.00   | 0.0298 | 0.1218 | 0.2652 | 8.91  | 1.88 |
| 34.50 m | 0.00                                  | 20.00 | 62.00 | 8.00   | 8.00   | 2.00   | 0.00   | 0.0274 | 0.1157 | 0.2459 | 8.97  | 1.99 |
| 39.00 m | 0.00                                  | 20.00 | 58.00 | 14.00  | 7.00   | 1.00   | 0.00   | 0.0271 | 0.1174 | 0.2643 | 9.74  | 1.92 |
| 43.50 m | 0.00                                  | 13.00 | 65.00 | 9.00   | 9.00   | 4.00   | 0.00   | 0.0554 | 0.1510 | 0.2808 | 5.07  | 1.47 |
| 48.00 m | 0.00                                  | 14.00 | 55.00 | 16.00  | 10.00  | 5.00   | 0.00   | 0.0488 | 0.1533 | 0.3318 | 6.79  | 1.45 |

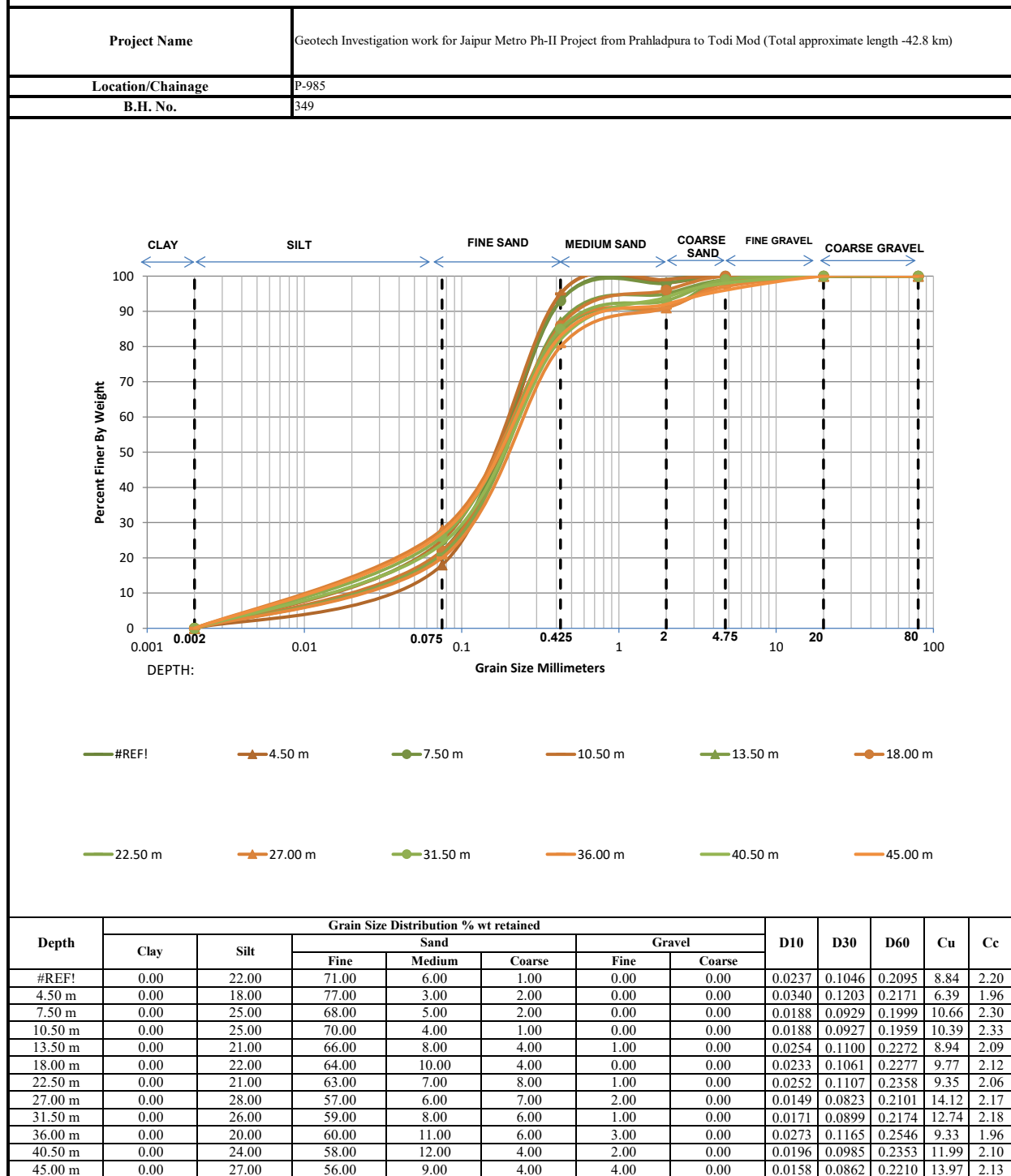
## GRAIN SIZE DISTRIBUTION CURVES

|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | P-982                                                                                                                      |
| B.H. No.          | 348                                                                                                                        |



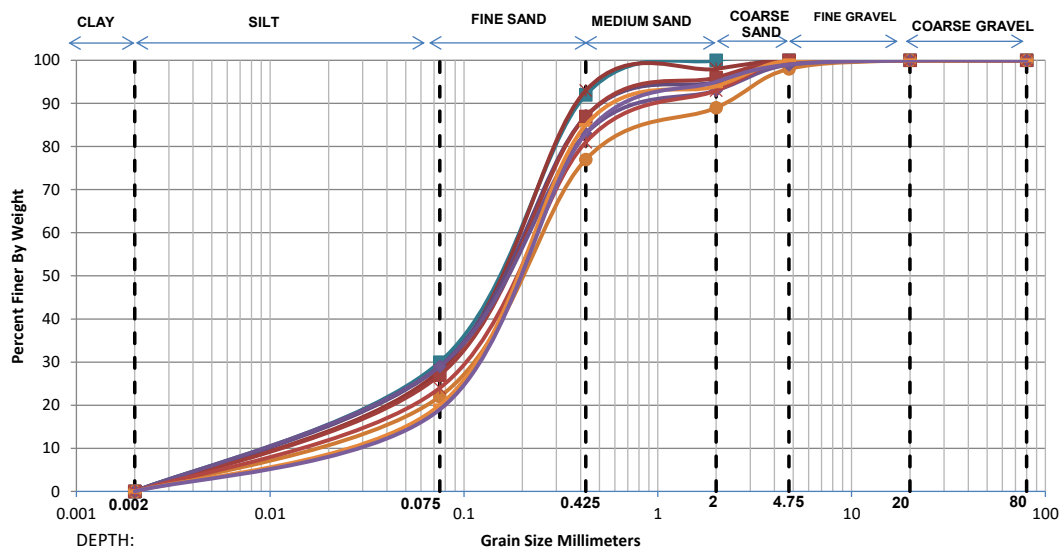
| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 15.00 | 78.00 | 6.00   | 1.00   | 0.00   | 0.00   | 0.0457 | 0.1340 | 0.2308 | 5.05  | 1.70 |
| 5.50 m  | 0.00                                  | 14.00 | 74.00 | 8.00   | 3.00   | 1.00   | 0.00   | 0.0504 | 0.1407 | 0.2453 | 4.87  | 1.60 |
| 8.50 m  | 0.00                                  | 21.00 | 67.00 | 10.00  | 2.00   | 0.00   | 0.00   | 0.0255 | 0.1098 | 0.2252 | 8.84  | 2.10 |
| 10.50 m | 0.00                                  | 17.00 | 71.00 | 11.00  | 1.00   | 0.00   | 0.00   | 0.0369 | 0.1272 | 0.2374 | 6.43  | 1.84 |
| 15.00 m | 0.00                                  | 19.00 | 64.00 | 9.00   | 8.00   | 0.00   | 0.00   | 0.0301 | 0.1199 | 0.2457 | 8.15  | 1.94 |
| 19.50 m | 0.00                                  | 22.00 | 59.00 | 11.00  | 7.00   | 1.00   | 0.00   | 0.0230 | 0.1073 | 0.2448 | 10.65 | 2.05 |
| 24.00 m | 0.00                                  | 19.00 | 60.00 | 7.00   | 10.00  | 4.00   | 0.00   | 0.0298 | 0.1212 | 0.2601 | 8.72  | 1.89 |
| 28.50 m | 0.00                                  | 20.00 | 63.00 | 9.00   | 7.00   | 1.00   | 0.00   | 0.0275 | 0.1155 | 0.2428 | 8.83  | 2.00 |
| 33.00 m | 0.00                                  | 24.00 | 57.00 | 11.00  | 5.00   | 3.00   | 0.00   | 0.0196 | 0.0987 | 0.2387 | 12.20 | 2.09 |
| 37.50 m | 0.00                                  | 18.00 | 66.00 | 7.00   | 8.00   | 1.00   | 0.00   | 0.0332 | 0.1239 | 0.2446 | 7.37  | 1.89 |
| 42.00 m | 0.00                                  | 23.00 | 54.00 | 12.00  | 6.00   | 5.00   | 0.00   | 0.0209 | 0.1040 | 0.2598 | 12.41 | 1.99 |
| 46.50 m | 0.00                                  | 20.00 | 61.00 | 8.00   | 7.00   | 4.00   | 0.00   | 0.0273 | 0.1160 | 0.2496 | 9.13  | 1.97 |

## GRAIN SIZE DISTRIBUTION CURVES



## GRAIN SIZE DISTRIBUTION CURVES

|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | P-992                                                                                                                      |
| B.H. No.          | 351                                                                                                                        |

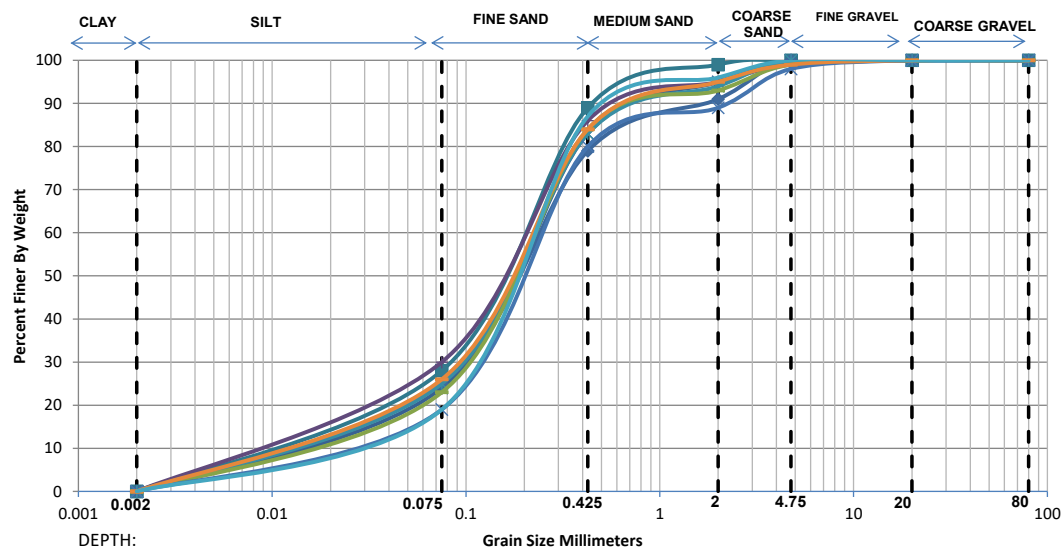


2.50 m    5.50 m    7.50 m    12.00 m    18.00 m    24.00 m    30.00 m    36.00 m    42.00 m

| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 2.50 m  | 0.00                                  | 30.00 | 62.00 | 8.00   | 0.00   | 0.00   | 0.00   | 0.0134 | 0.0750 | 0.1865 | 13.95 | 2.26 |
| 5.50 m  | 0.00                                  | 28.00 | 65.00 | 5.00   | 2.00   | 0.00   | 0.00   | 0.0152 | 0.0819 | 0.1903 | 12.50 | 2.32 |
| 7.50 m  | 0.00                                  | 29.00 | 58.00 | 8.00   | 5.00   | 0.00   | 0.00   | 0.0140 | 0.0785 | 0.2016 | 14.37 | 2.18 |
| 12.00 m | 0.00                                  | 27.00 | 60.00 | 9.00   | 4.00   | 0.00   | 0.00   | 0.0160 | 0.0859 | 0.2086 | 13.03 | 2.21 |
| 18.00 m | 0.00                                  | 22.00 | 55.00 | 12.00  | 9.00   | 2.00   | 0.00   | 0.0227 | 0.1085 | 0.2627 | 11.56 | 1.97 |
| 24.00 m | 0.00                                  | 29.00 | 54.00 | 10.00  | 6.00   | 1.00   | 0.00   | 0.0139 | 0.0786 | 0.2146 | 15.48 | 2.08 |
| 30.00 m | 0.00                                  | 24.00 | 57.00 | 12.00  | 7.00   | 0.00   | 0.00   | 0.0196 | 0.0987 | 0.2391 | 12.22 | 2.08 |
| 36.00 m | 0.00                                  | 20.00 | 65.00 | 9.00   | 6.00   | 0.00   | 0.00   | 0.0276 | 0.1149 | 0.2363 | 8.56  | 2.02 |
| 42.00 m | 0.00                                  | 19.00 | 64.00 | 12.00  | 4.00   | 1.00   | 0.00   | 0.0301 | 0.1201 | 0.2467 | 8.19  | 1.94 |

## GRAIN SIZE DISTRIBUTION CURVES

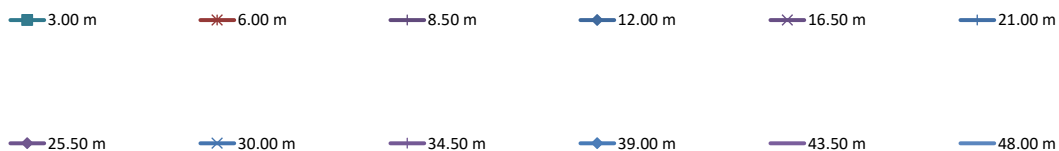
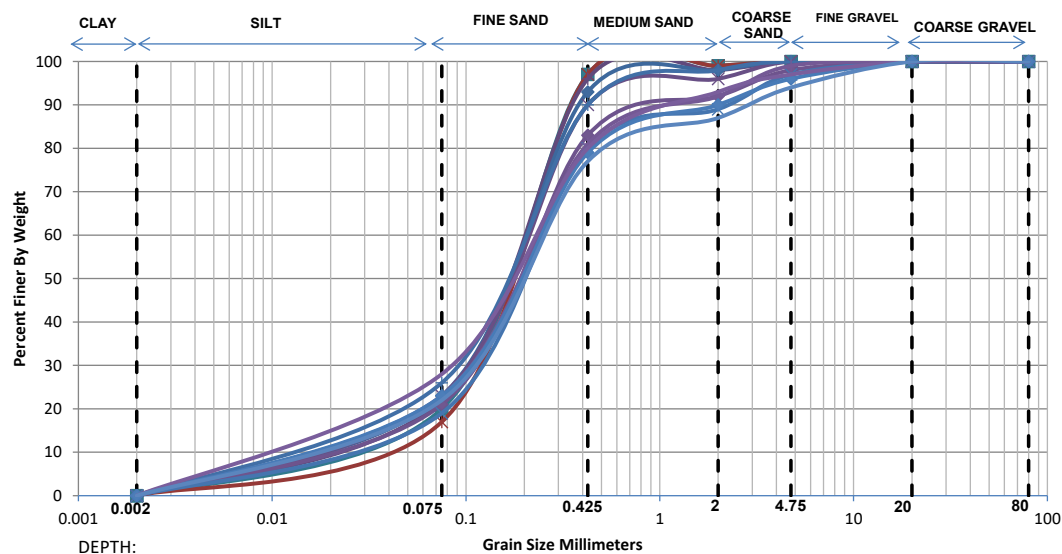
|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | P-996                                                                                                                      |
| B.H. No.          | 352                                                                                                                        |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 28.00 | 61.00 | 10.00  | 1.00   | 0.00   | 0.00   | 0.0151 | 0.0821 | 0.2005 | 13.32 | 2.23 |
| 5.50 m  | 0.00                                  | 24.00 | 59.00 | 12.00  | 5.00   | 0.00   | 0.00   | 0.0197 | 0.0984 | 0.2317 | 11.77 | 2.12 |
| 8.50 m  | 0.00                                  | 30.00 | 56.00 | 9.00   | 4.00   | 1.00   | 0.00   | 0.0131 | 0.0750 | 0.2013 | 15.32 | 2.13 |
| 12.00 m | 0.00                                  | 25.00 | 54.00 | 12.00  | 9.00   | 0.00   | 0.00   | 0.0180 | 0.0948 | 0.2443 | 13.55 | 2.04 |
| 18.00 m | 0.00                                  | 25.00 | 58.00 | 11.00  | 6.00   | 0.00   | 0.00   | 0.0183 | 0.0942 | 0.2282 | 12.50 | 2.13 |
| 24.00 m | 0.00                                  | 23.00 | 61.00 | 9.00   | 6.00   | 1.00   | 0.00   | 0.0214 | 0.1023 | 0.2304 | 10.79 | 2.13 |
| 30.00 m | 0.00                                  | 19.00 | 61.00 | 9.00   | 9.00   | 2.00   | 0.00   | 0.0299 | 0.1210 | 0.2567 | 8.58  | 1.91 |
| 37.50 m | 0.00                                  | 26.00 | 58.00 | 11.00  | 4.00   | 1.00   | 0.00   | 0.0170 | 0.0901 | 0.2216 | 13.02 | 2.15 |
| 45.00 m | 0.00                                  | 19.00 | 68.00 | 9.00   | 4.00   | 0.00   | 0.00   | 0.0304 | 0.1186 | 0.2336 | 7.68  | 1.98 |

## GRAIN SIZE DISTRIBUTION CURVES

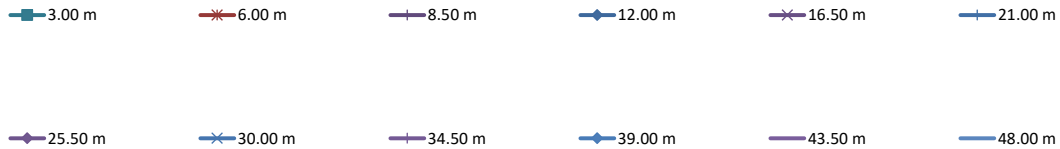
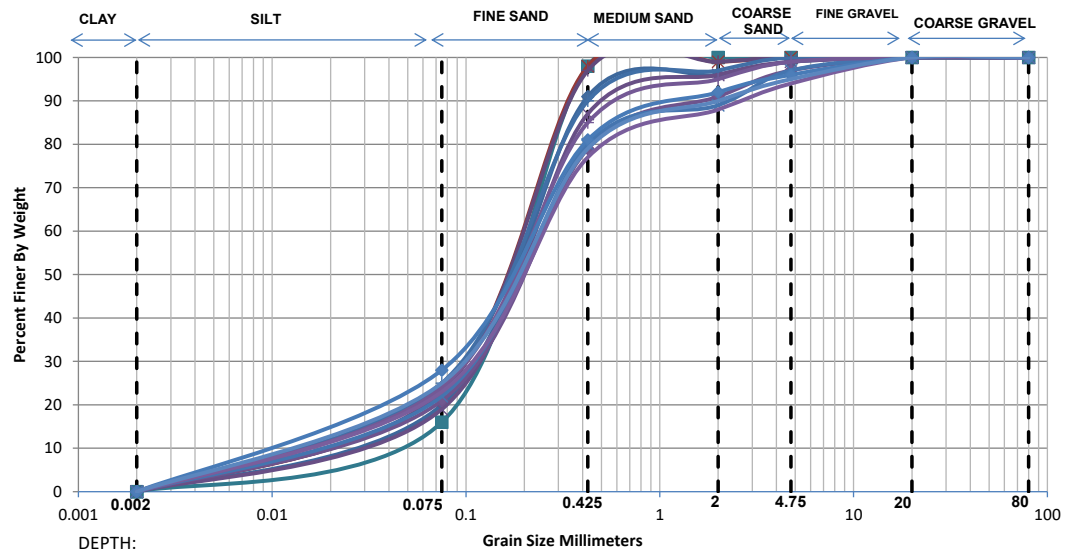
|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | P-999                                                                                                                      |
| B.H. No.          | 353                                                                                                                        |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 20.00 | 77.00 | 2.00   | 1.00   | 0.00   | 0.00   | 0.0284 | 0.1116 | 0.2074 | 7.31  | 2.12 |
| 6.00 m  | 0.00                                  | 17.00 | 80.00 | 2.00   | 1.00   | 0.00   | 0.00   | 0.0376 | 0.1238 | 0.2165 | 5.76  | 1.89 |
| 8.50 m  | 0.00                                  | 22.00 | 74.00 | 2.00   | 2.00   | 0.00   | 0.00   | 0.0239 | 0.1040 | 0.2029 | 8.50  | 2.23 |
| 12.00 m | 0.00                                  | 23.00 | 70.00 | 5.00   | 2.00   | 0.00   | 0.00   | 0.0219 | 0.1006 | 0.2062 | 9.43  | 2.25 |
| 16.50 m | 0.00                                  | 23.00 | 67.00 | 6.00   | 4.00   | 0.00   | 0.00   | 0.0217 | 0.1011 | 0.2129 | 9.81  | 2.21 |
| 21.00 m | 0.00                                  | 26.00 | 64.00 | 8.00   | 2.00   | 0.00   | 0.00   | 0.0173 | 0.0895 | 0.2040 | 11.79 | 2.27 |
| 25.50 m | 0.00                                  | 21.00 | 62.00 | 9.00   | 6.00   | 2.00   | 0.00   | 0.0252 | 0.1111 | 0.2398 | 9.53  | 2.04 |
| 30.00 m | 0.00                                  | 19.00 | 61.00 | 9.00   | 8.00   | 3.00   | 0.00   | 0.0299 | 0.1210 | 0.2567 | 8.58  | 1.91 |
| 34.50 m | 0.00                                  | 23.00 | 58.00 | 11.00  | 7.00   | 1.00   | 0.00   | 0.0212 | 0.1030 | 0.2418 | 11.42 | 2.07 |
| 39.00 m | 0.00                                  | 23.00 | 56.00 | 11.00  | 6.00   | 4.00   | 0.00   | 0.0211 | 0.1034 | 0.2501 | 11.88 | 2.03 |
| 43.50 m | 0.00                                  | 28.00 | 52.00 | 13.00  | 4.00   | 3.00   | 0.00   | 0.0147 | 0.0825 | 0.2307 | 15.74 | 2.01 |
| 48.00 m | 0.00                                  | 22.00 | 55.00 | 10.00  | 7.00   | 6.00   | 0.00   | 0.0227 | 0.1084 | 0.2619 | 11.53 | 1.97 |

## GRAIN SIZE DISTRIBUTION CURVES

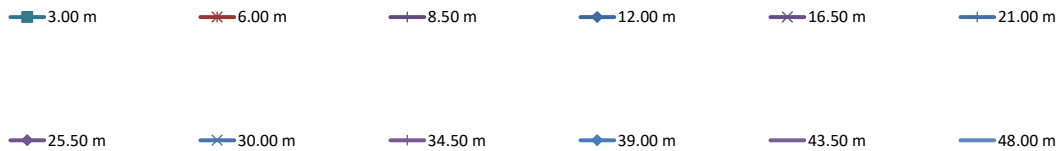
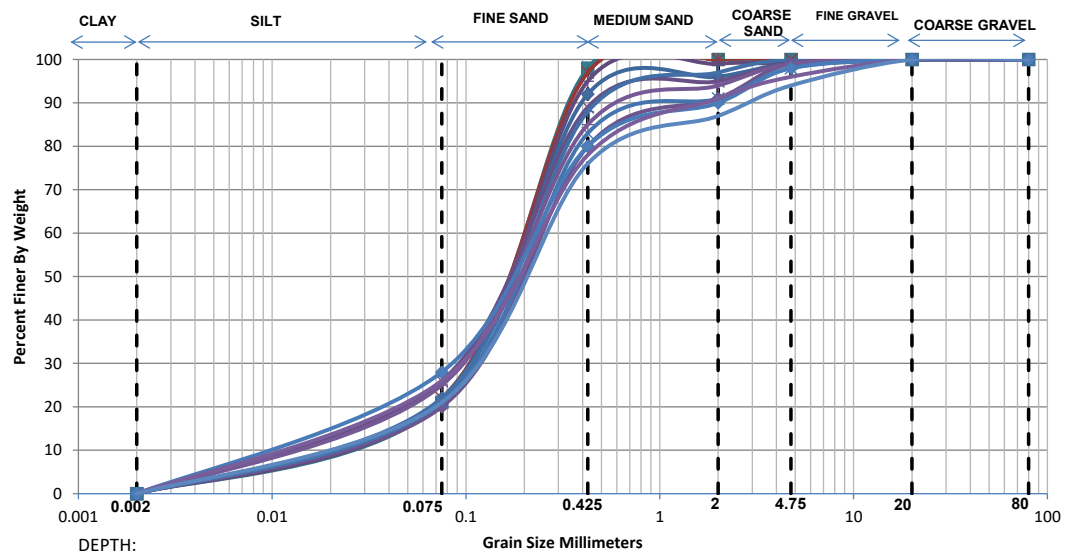
|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | P-1003                                                                                                                     |
| B.H. No.          | 354                                                                                                                        |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 16.00 | 82.00 | 2.00   | 0.00   | 0.00   | 0.00   | 0.0416 | 0.1278 | 0.2180 | 5.24  | 1.80 |
| 6.00 m  | 0.00                                  | 23.00 | 75.00 | 1.00   | 1.00   | 0.00   | 0.00   | 0.0221 | 0.0998 | 0.1963 | 8.88  | 2.29 |
| 8.50 m  | 0.00                                  | 23.00 | 74.00 | 2.00   | 1.00   | 0.00   | 0.00   | 0.0221 | 0.1000 | 0.1982 | 8.98  | 2.29 |
| 12.00 m | 0.00                                  | 20.00 | 71.00 | 5.00   | 3.00   | 1.00   | 0.00   | 0.0280 | 0.1131 | 0.2196 | 7.84  | 2.08 |
| 16.50 m | 0.00                                  | 19.00 | 68.00 | 9.00   | 3.00   | 1.00   | 0.00   | 0.0304 | 0.1186 | 0.2336 | 7.68  | 1.98 |
| 21.00 m | 0.00                                  | 25.00 | 65.00 | 7.00   | 3.00   | 0.00   | 0.00   | 0.0186 | 0.0933 | 0.2069 | 11.12 | 2.26 |
| 25.50 m | 0.00                                  | 21.00 | 58.00 | 12.00  | 6.00   | 3.00   | 0.00   | 0.0249 | 0.1124 | 0.2563 | 10.30 | 1.98 |
| 30.00 m | 0.00                                  | 22.00 | 58.00 | 9.00   | 8.00   | 3.00   | 0.00   | 0.0229 | 0.1075 | 0.2480 | 10.82 | 2.03 |
| 34.50 m | 0.00                                  | 24.00 | 61.00 | 10.00  | 4.00   | 1.00   | 0.00   | 0.0198 | 0.0980 | 0.2245 | 11.34 | 2.16 |
| 39.00 m | 0.00                                  | 28.00 | 53.00 | 11.00  | 4.00   | 4.00   | 0.00   | 0.0147 | 0.0825 | 0.2258 | 15.36 | 2.05 |
| 43.50 m | 0.00                                  | 23.00 | 54.00 | 11.00  | 6.00   | 6.00   | 0.00   | 0.0209 | 0.1039 | 0.2594 | 12.40 | 1.99 |
| 48.00 m | 0.00                                  | 25.00 | 54.00 | 11.00  | 5.00   | 5.00   | 0.00   | 0.0180 | 0.0948 | 0.2440 | 13.53 | 2.04 |

## GRAIN SIZE DISTRIBUTION CURVES

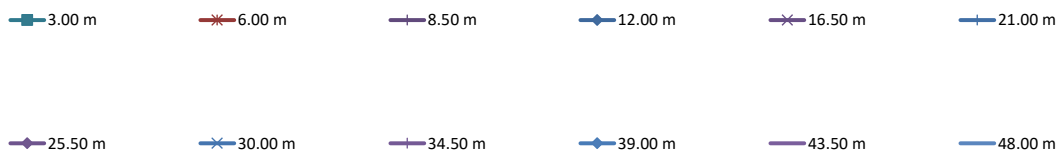
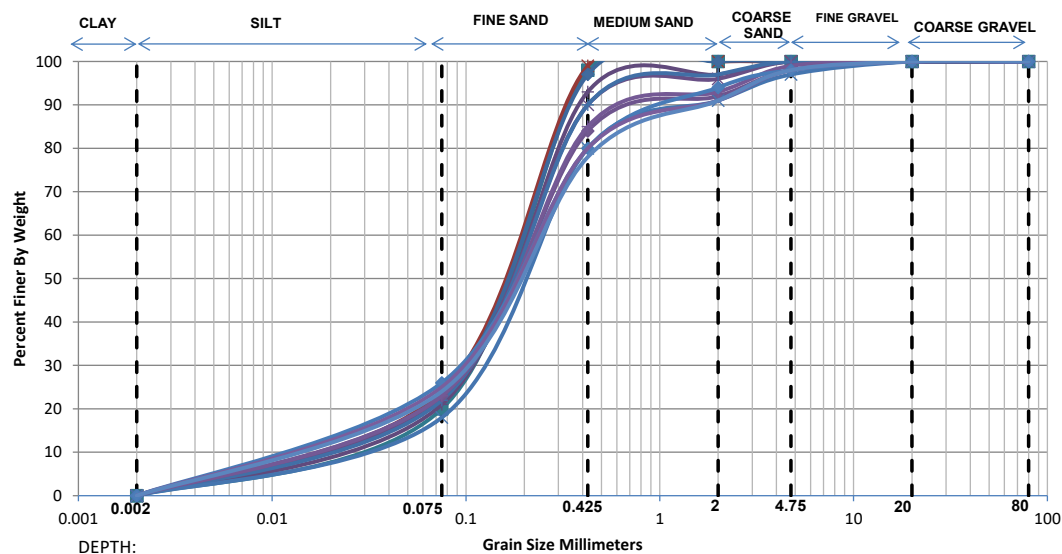
|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | P-1006                                                                                                                     |
| B.H. No.          | 355                                                                                                                        |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 21.00 | 77.00 | 2.00   | 0.00   | 0.00   | 0.00   | 0.0261 | 0.1075 | 0.2027 | 7.78  | 2.19 |
| 6.00 m  | 0.00                                  | 22.00 | 75.00 | 3.00   | 0.00   | 0.00   | 0.00   | 0.0239 | 0.1038 | 0.2015 | 8.42  | 2.24 |
| 8.50 m  | 0.00                                  | 21.00 | 74.00 | 4.00   | 0.00   | 1.00   | 0.00   | 0.0259 | 0.1081 | 0.2083 | 8.04  | 2.17 |
| 12.00 m | 0.00                                  | 22.00 | 70.00 | 4.00   | 3.00   | 1.00   | 0.00   | 0.0236 | 0.1047 | 0.2110 | 8.92  | 2.20 |
| 16.50 m | 0.00                                  | 26.00 | 63.00 | 6.00   | 4.00   | 1.00   | 0.00   | 0.0173 | 0.0896 | 0.2058 | 11.92 | 2.26 |
| 21.00 m | 0.00                                  | 22.00 | 66.00 | 9.00   | 3.00   | 0.00   | 0.00   | 0.0234 | 0.1056 | 0.2218 | 9.47  | 2.15 |
| 25.50 m | 0.00                                  | 20.00 | 60.00 | 11.00  | 8.00   | 1.00   | 0.00   | 0.0273 | 0.1165 | 0.2546 | 9.33  | 1.96 |
| 30.00 m | 0.00                                  | 21.00 | 62.00 | 8.00   | 7.00   | 2.00   | 0.00   | 0.0252 | 0.1110 | 0.2394 | 9.52  | 2.05 |
| 34.50 m | 0.00                                  | 25.00 | 60.00 | 9.00   | 5.00   | 1.00   | 0.00   | 0.0184 | 0.0939 | 0.2209 | 12.04 | 2.18 |
| 39.00 m | 0.00                                  | 28.00 | 52.00 | 10.00  | 8.00   | 2.00   | 0.00   | 0.0147 | 0.0825 | 0.2295 | 15.66 | 2.02 |
| 43.50 m | 0.00                                  | 26.00 | 52.00 | 13.00  | 5.00   | 4.00   | 0.00   | 0.0167 | 0.0908 | 0.2462 | 14.73 | 2.00 |
| 48.00 m | 0.00                                  | 21.00 | 55.00 | 11.00  | 7.00   | 6.00   | 0.00   | 0.0247 | 0.1133 | 0.2702 | 10.95 | 1.93 |

## GRAIN SIZE DISTRIBUTION CURVES

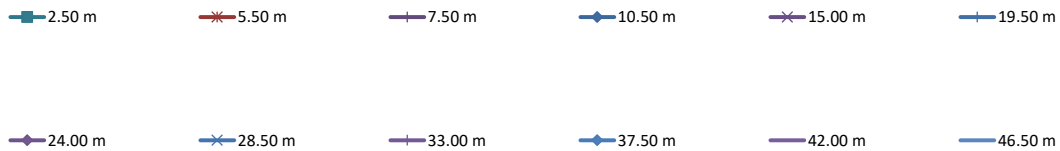
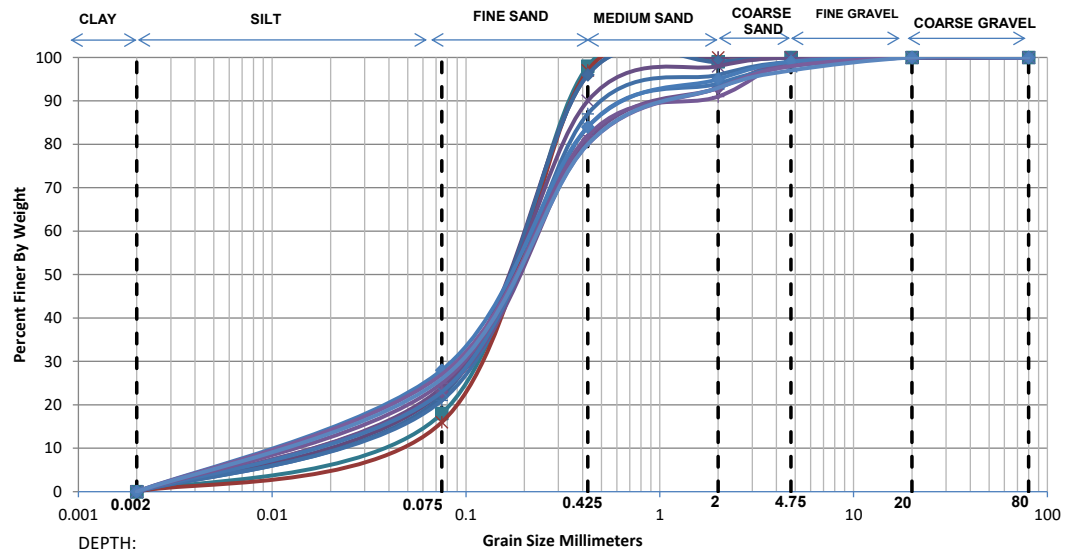
|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | P-1010                                                                                                                     |
| B.H. No.          | 356                                                                                                                        |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 20.00 | 78.00 | 2.00   | 0.00   | 0.00   | 0.00   | 0.0284 | 0.1114 | 0.2058 | 7.24  | 2.12 |
| 6.00 m  | 0.00                                  | 24.00 | 75.00 | 1.00   | 0.00   | 0.00   | 0.00   | 0.0205 | 0.0960 | 0.1917 | 9.35  | 2.34 |
| 8.50 m  | 0.00                                  | 21.00 | 72.00 | 4.00   | 3.00   | 0.00   | 0.00   | 0.0258 | 0.1085 | 0.2120 | 8.22  | 2.15 |
| 12.00 m | 0.00                                  | 23.00 | 74.00 | 3.00   | 0.00   | 0.00   | 0.00   | 0.0221 | 0.1000 | 0.1984 | 8.99  | 2.28 |
| 16.50 m | 0.00                                  | 23.00 | 67.00 | 6.00   | 4.00   | 0.00   | 0.00   | 0.0217 | 0.1011 | 0.2129 | 9.81  | 2.21 |
| 21.00 m | 0.00                                  | 22.00 | 68.00 | 7.00   | 3.00   | 0.00   | 0.00   | 0.0235 | 0.1052 | 0.2163 | 9.19  | 2.17 |
| 25.50 m | 0.00                                  | 23.00 | 61.00 | 8.00   | 6.00   | 2.00   | 0.00   | 0.0214 | 0.1023 | 0.2300 | 10.77 | 2.13 |
| 30.00 m | 0.00                                  | 18.00 | 62.00 | 11.00  | 6.00   | 3.00   | 0.00   | 0.0329 | 0.1258 | 0.2602 | 7.91  | 1.85 |
| 34.50 m | 0.00                                  | 23.00 | 62.00 | 8.00   | 6.00   | 1.00   | 0.00   | 0.0214 | 0.1021 | 0.2269 | 10.60 | 2.14 |
| 39.00 m | 0.00                                  | 26.00 | 54.00 | 14.00  | 4.00   | 2.00   | 0.00   | 0.0168 | 0.0906 | 0.2376 | 14.13 | 2.05 |
| 43.50 m | 0.00                                  | 25.00 | 55.00 | 11.00  | 7.00   | 2.00   | 0.00   | 0.0181 | 0.0947 | 0.2396 | 13.25 | 2.07 |
| 48.00 m | 0.00                                  | 24.00 | 54.00 | 13.00  | 7.00   | 2.00   | 0.00   | 0.0194 | 0.0993 | 0.2524 | 13.01 | 2.02 |

## GRAIN SIZE DISTRIBUTION CURVES

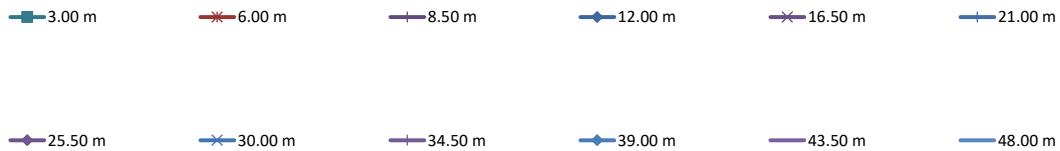
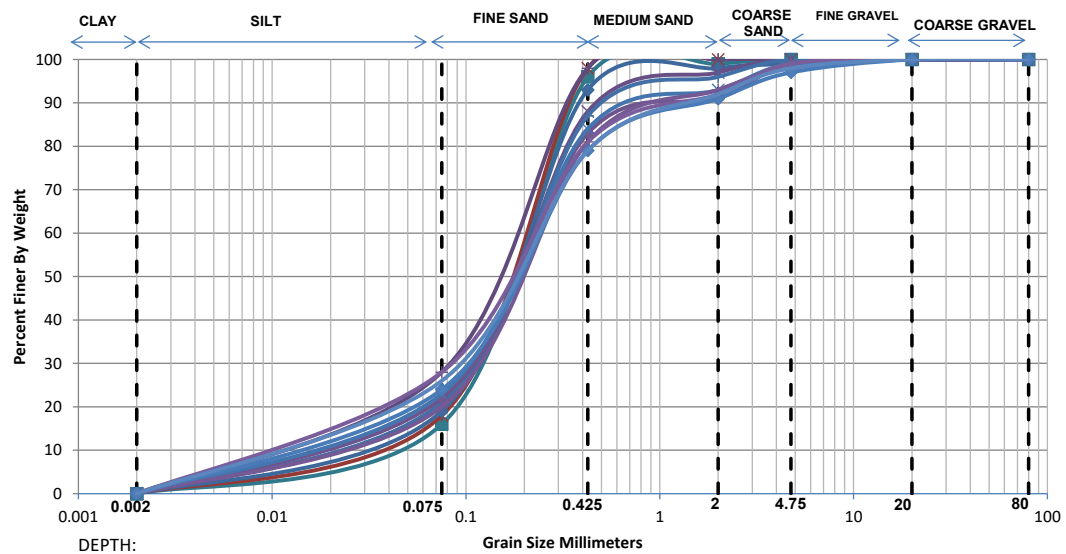
|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | P-1013                                                                                                                     |
| B.H. No.          | 357                                                                                                                        |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 2.50 m  | 0.00                                  | 18.00 | 80.00 | 1.00   | 1.00   | 0.00   | 0.00   | 0.0342 | 0.1194 | 0.2116 | 6.19  | 1.97 |
| 5.50 m  | 0.00                                  | 16.00 | 81.00 | 3.00   | 0.00   | 0.00   | 0.00   | 0.0415 | 0.1281 | 0.2198 | 5.30  | 1.80 |
| 7.50 m  | 0.00                                  | 23.00 | 73.00 | 4.00   | 0.00   | 0.00   | 0.00   | 0.0220 | 0.1001 | 0.2003 | 9.10  | 2.27 |
| 10.50 m | 0.00                                  | 22.00 | 74.00 | 3.00   | 1.00   | 0.00   | 0.00   | 0.0239 | 0.1040 | 0.2032 | 8.51  | 2.23 |
| 15.00 m | 0.00                                  | 24.00 | 66.00 | 8.00   | 2.00   | 0.00   | 0.00   | 0.0201 | 0.0972 | 0.2104 | 10.49 | 2.24 |
| 19.50 m | 0.00                                  | 21.00 | 66.00 | 9.00   | 3.00   | 1.00   | 0.00   | 0.0254 | 0.1100 | 0.2276 | 8.95  | 2.09 |
| 24.00 m | 0.00                                  | 23.00 | 58.00 | 12.00  | 6.00   | 1.00   | 0.00   | 0.0212 | 0.1030 | 0.2421 | 11.43 | 2.07 |
| 28.50 m | 0.00                                  | 23.00 | 61.00 | 10.00  | 4.00   | 2.00   | 0.00   | 0.0214 | 0.1023 | 0.2307 | 10.80 | 2.12 |
| 33.00 m | 0.00                                  | 25.00 | 57.00 | 9.00   | 8.00   | 1.00   | 0.00   | 0.0182 | 0.0943 | 0.2311 | 12.70 | 2.12 |
| 37.50 m | 0.00                                  | 28.00 | 56.00 | 11.00  | 4.00   | 1.00   | 0.00   | 0.0148 | 0.0823 | 0.2150 | 14.49 | 2.12 |
| 42.00 m | 0.00                                  | 27.00 | 53.00 | 13.00  | 5.00   | 2.00   | 0.00   | 0.0157 | 0.0865 | 0.2340 | 14.93 | 2.04 |
| 46.50 m | 0.00                                  | 26.00 | 54.00 | 13.00  | 4.00   | 3.00   | 0.00   | 0.0168 | 0.0905 | 0.2372 | 14.11 | 2.05 |

## GRAIN SIZE DISTRIBUTION CURVES

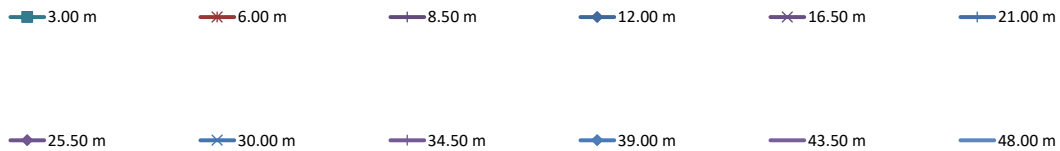
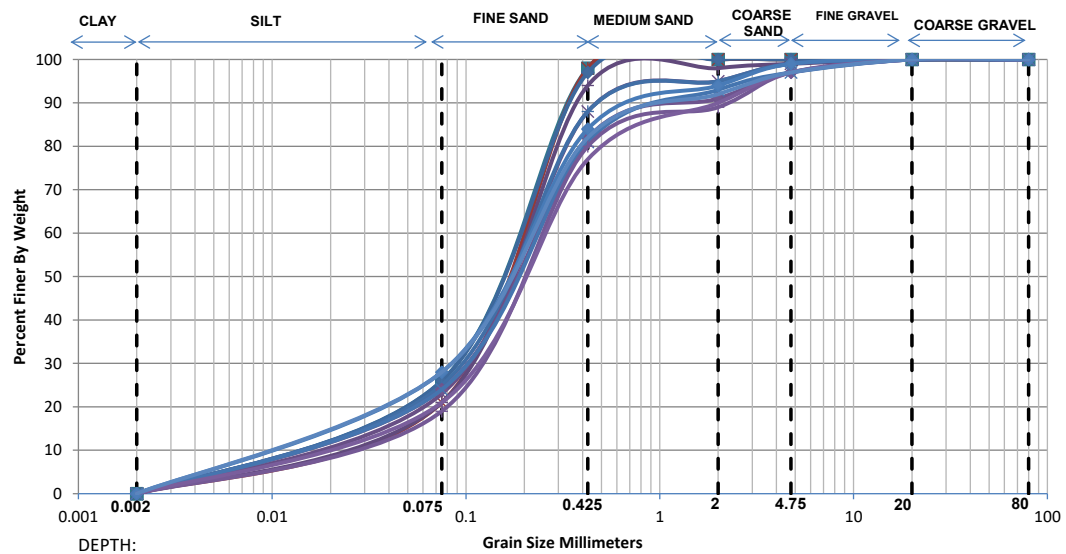
|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | P-1016                                                                                                                     |
| B.H. No.          | 358                                                                                                                        |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 16.00 | 80.00 | 3.00   | 1.00   | 0.00   | 0.00   | 0.0414 | 0.1284 | 0.2215 | 5.35  | 1.80 |
| 6.00 m  | 0.00                                  | 18.00 | 80.00 | 2.00   | 0.00   | 0.00   | 0.00   | 0.0342 | 0.1194 | 0.2119 | 6.20  | 1.97 |
| 8.50 m  | 0.00                                  | 28.00 | 70.00 | 2.00   | 0.00   | 0.00   | 0.00   | 0.0154 | 0.0818 | 0.1810 | 11.74 | 2.40 |
| 12.00 m | 0.00                                  | 19.00 | 74.00 | 5.00   | 1.00   | 1.00   | 0.00   | 0.0308 | 0.1167 | 0.2184 | 7.09  | 2.02 |
| 16.50 m | 0.00                                  | 21.00 | 67.00 | 9.00   | 3.00   | 0.00   | 0.00   | 0.0255 | 0.1098 | 0.2249 | 8.83  | 2.10 |
| 21.00 m | 0.00                                  | 21.00 | 66.00 | 9.00   | 4.00   | 0.00   | 0.00   | 0.0254 | 0.1100 | 0.2276 | 8.95  | 2.09 |
| 25.50 m | 0.00                                  | 22.00 | 61.00 | 8.00   | 8.00   | 1.00   | 0.00   | 0.0231 | 0.1067 | 0.2364 | 10.23 | 2.08 |
| 30.00 m | 0.00                                  | 23.00 | 61.00 | 9.00   | 6.00   | 1.00   | 0.00   | 0.0214 | 0.1023 | 0.2304 | 10.79 | 2.13 |
| 34.50 m | 0.00                                  | 20.00 | 61.00 | 12.00  | 5.00   | 2.00   | 0.00   | 0.0273 | 0.1163 | 0.2510 | 9.18  | 1.97 |
| 39.00 m | 0.00                                  | 24.00 | 55.00 | 12.00  | 6.00   | 3.00   | 0.00   | 0.0195 | 0.0991 | 0.2474 | 12.72 | 2.04 |
| 43.50 m | 0.00                                  | 28.00 | 53.00 | 11.00  | 7.00   | 1.00   | 0.00   | 0.0147 | 0.0825 | 0.2258 | 15.36 | 2.05 |
| 48.00 m | 0.00                                  | 26.00 | 53.00 | 13.00  | 6.00   | 2.00   | 0.00   | 0.0168 | 0.0907 | 0.2416 | 14.41 | 2.03 |

## GRAIN SIZE DISTRIBUTION CURVES

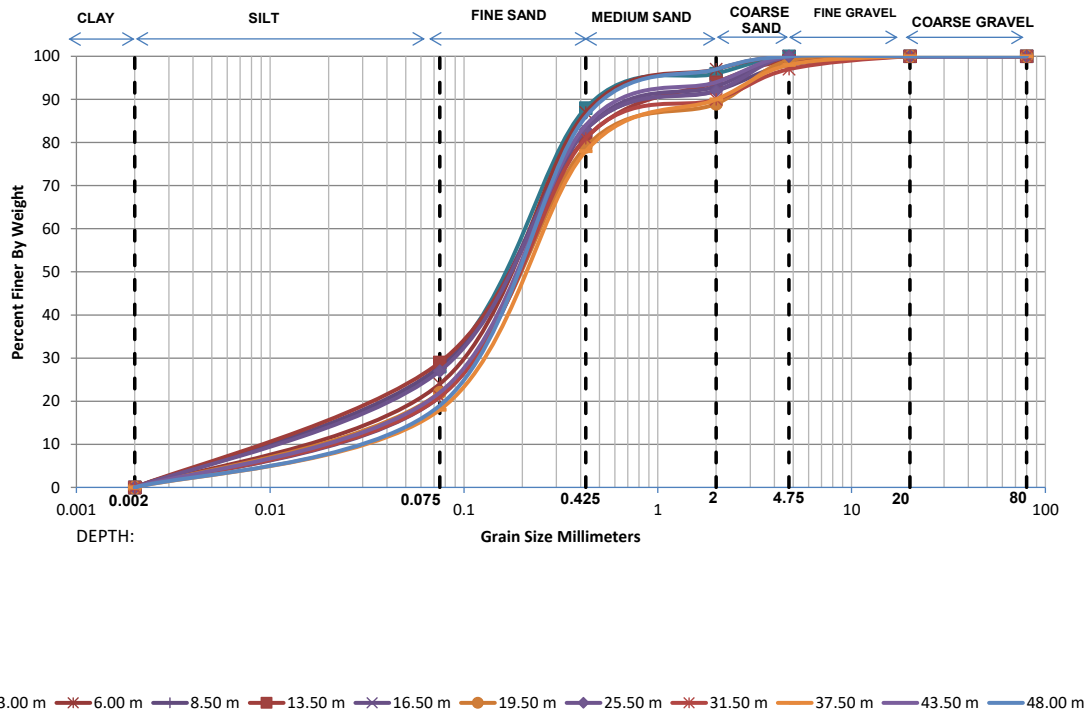
|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | -                                                                                                                          |
| B.H. No.          | 359                                                                                                                        |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 26.00 | 72.00 | 2.00   | 0.00   | 0.00   | 0.00   | 0.0177 | 0.0888 | 0.1873 | 10.60 | 2.38 |
| 6.00 m  | 0.00                                  | 21.00 | 77.00 | 2.00   | 0.00   | 0.00   | 0.00   | 0.0261 | 0.1075 | 0.2027 | 7.78  | 2.19 |
| 8.50 m  | 0.00                                  | 21.00 | 73.00 | 4.00   | 1.00   | 1.00   | 0.00   | 0.0258 | 0.1083 | 0.2101 | 8.13  | 2.16 |
| 12.00 m | 0.00                                  | 26.00 | 71.00 | 3.00   | 0.00   | 0.00   | 0.00   | 0.0176 | 0.0889 | 0.1891 | 10.73 | 2.37 |
| 16.50 m | 0.00                                  | 23.00 | 65.00 | 7.00   | 4.00   | 1.00   | 0.00   | 0.0216 | 0.1015 | 0.2181 | 10.10 | 2.19 |
| 21.00 m | 0.00                                  | 25.00 | 63.00 | 7.00   | 4.00   | 1.00   | 0.00   | 0.0185 | 0.0935 | 0.2118 | 11.44 | 2.23 |
| 25.50 m | 0.00                                  | 24.00 | 58.00 | 9.00   | 6.00   | 3.00   | 0.00   | 0.0196 | 0.0985 | 0.2342 | 11.93 | 2.11 |
| 30.00 m | 0.00                                  | 24.00 | 57.00 | 12.00  | 4.00   | 3.00   | 0.00   | 0.0196 | 0.0987 | 0.2391 | 12.22 | 2.08 |
| 34.50 m | 0.00                                  | 19.00 | 61.00 | 9.00   | 8.00   | 3.00   | 0.00   | 0.0299 | 0.1210 | 0.2567 | 8.58  | 1.91 |
| 39.00 m | 0.00                                  | 28.00 | 56.00 | 10.00  | 5.00   | 1.00   | 0.00   | 0.0148 | 0.0823 | 0.2147 | 14.47 | 2.13 |
| 43.50 m | 0.00                                  | 21.00 | 56.00 | 13.00  | 7.00   | 3.00   | 0.00   | 0.0248 | 0.1131 | 0.2659 | 10.74 | 1.94 |
| 48.00 m | 0.00                                  | 28.00 | 54.00 | 10.00  | 5.00   | 3.00   | 0.00   | 0.0147 | 0.0824 | 0.2216 | 15.03 | 2.08 |

## GRAIN SIZE DISTRIBUTION CURVES

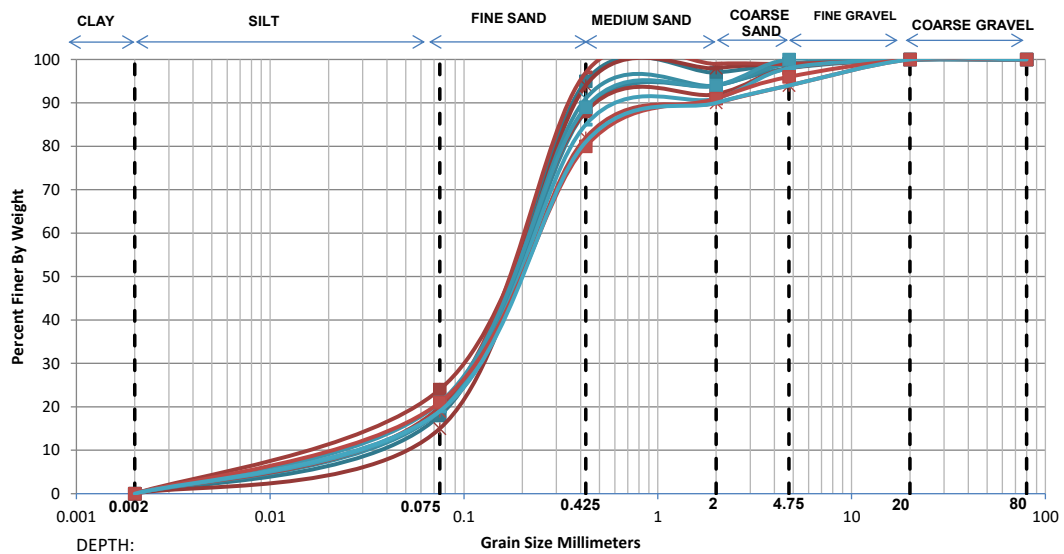
|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | CH-34+300                                                                                                                  |
| B.H. No.          | 360                                                                                                                        |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 28.00 | 60.00 | 8.00   | 4.00   | 0.00   | 0.00   | 0.0150 | 0.0821 | 0.2023 | 13.48 | 2.22 |
| 6.00 m  | 0.00                                  | 24.00 | 63.00 | 10.00  | 3.00   | 0.00   | 0.00   | 0.0199 | 0.0977 | 0.2186 | 10.98 | 2.19 |
| 8.50 m  | 0.00                                  | 28.00 | 55.00 | 9.00   | 6.00   | 2.00   | 0.00   | 0.0148 | 0.0824 | 0.2177 | 14.72 | 2.11 |
| 13.50 m | 0.00                                  | 29.00 | 52.00 | 13.00  | 5.00   | 1.00   | 0.00   | 0.0138 | 0.0787 | 0.2232 | 16.20 | 2.01 |
| 16.50 m | 0.00                                  | 21.00 | 62.00 | 10.00  | 7.00   | 0.00   | 0.00   | 0.0252 | 0.1111 | 0.2401 | 9.54  | 2.04 |
| 19.50 m | 0.00                                  | 22.00 | 57.00 | 10.00  | 10.00  | 1.00   | 0.00   | 0.0229 | 0.1078 | 0.2526 | 11.05 | 2.01 |
| 25.50 m | 0.00                                  | 27.00 | 56.00 | 9.00   | 8.00   | 0.00   | 0.00   | 0.0158 | 0.0862 | 0.2210 | 13.97 | 2.13 |
| 31.50 m | 0.00                                  | 21.00 | 60.00 | 9.00   | 7.00   | 3.00   | 0.00   | 0.0250 | 0.1116 | 0.2470 | 9.87  | 2.02 |
| 37.50 m | 0.00                                  | 18.00 | 60.00 | 12.00  | 8.00   | 2.00   | 0.00   | 0.0327 | 0.1267 | 0.2690 | 8.21  | 1.82 |
| 43.50 m | 0.00                                  | 22.00 | 62.00 | 10.00  | 6.00   | 0.00   | 0.00   | 0.0232 | 0.1065 | 0.2338 | 10.09 | 2.10 |
| 48.00 m | 0.00                                  | 19.00 | 67.00 | 11.00  | 3.00   | 0.00   | 0.00   | 0.0303 | 0.1190 | 0.2370 | 7.81  | 1.97 |

## GRAIN SIZE DISTRIBUTION CURVES

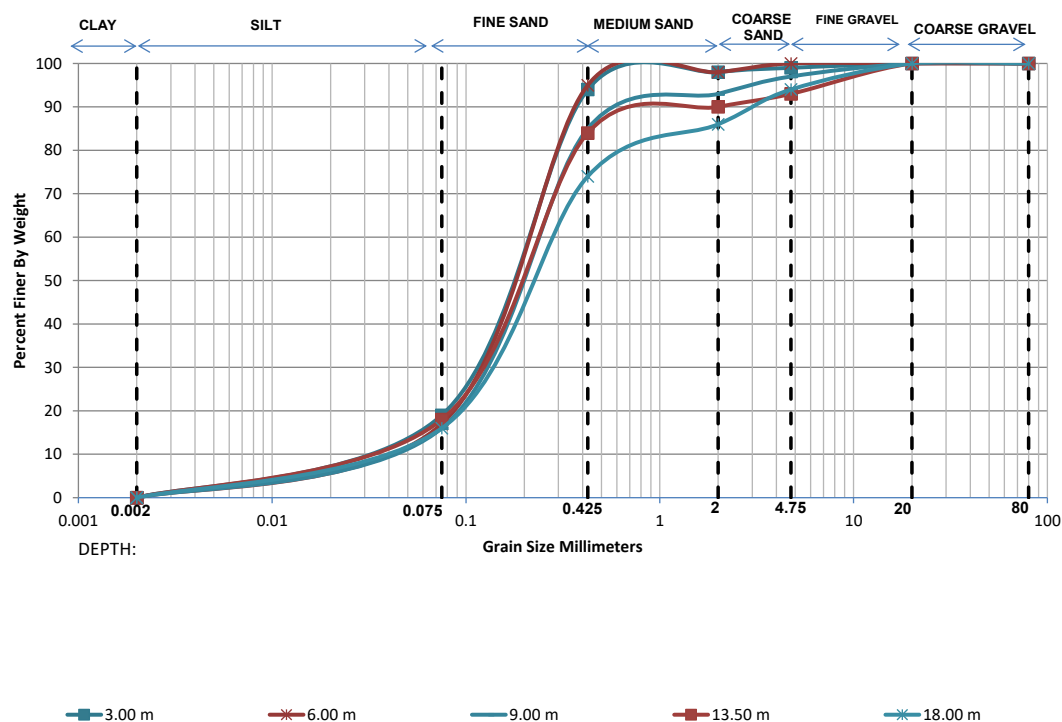
|                   |                                                                                                                                    |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Project Name      | "Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km)"PKG-IV |
| Location/Chainage | P-1197                                                                                                                             |
| B.H. No.          | 418                                                                                                                                |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu    | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |       |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |       |      |
| 3.00 m  | 0.00                                  | 18.00 | 77.00 | 2.00   | 2.00   | 1.00   | 0.00   | 0.0340 | 0.1202 | 0.2169 | 6.38  | 1.96 |
| 6.00 m  | 0.00                                  | 15.00 | 79.00 | 4.00   | 1.00   | 1.00   | 0.00   | 0.0458 | 0.1335 | 0.2283 | 4.99  | 1.71 |
| 9.00 m  | 0.00                                  | 19.00 | 69.00 | 6.00   | 4.00   | 2.00   | 0.00   | 0.0305 | 0.1182 | 0.2300 | 7.55  | 1.99 |
| 13.50 m | 0.00                                  | 24.00 | 64.00 | 4.00   | 6.00   | 2.00   | 0.00   | 0.0200 | 0.0974 | 0.2140 | 10.72 | 2.22 |
| 18.00 m | 0.00                                  | 19.00 | 72.00 | 3.00   | 5.00   | 1.00   | 0.00   | 0.0307 | 0.1172 | 0.2220 | 7.24  | 2.02 |
| 22.50 m | 0.00                                  | 20.00 | 77.00 | 2.00   | 0.00   | 1.00   | 0.00   | 0.0284 | 0.1116 | 0.2074 | 7.31  | 2.12 |
| 27.00 m | 0.00                                  | 21.00 | 68.00 | 5.00   | 6.00   | 0.00   | 0.00   | 0.0255 | 0.1094 | 0.2211 | 8.66  | 2.12 |
| 31.50 m | 0.00                                  | 19.00 | 63.00 | 8.00   | 4.00   | 6.00   | 0.00   | 0.0301 | 0.1202 | 0.2488 | 8.28  | 1.93 |
| 36.00 m | 0.00                                  | 19.00 | 66.00 | 6.00   | 7.00   | 2.00   | 0.00   | 0.0303 | 0.1191 | 0.2383 | 7.87  | 1.97 |
| 40.50 m | 0.00                                  | 21.00 | 59.00 | 11.00  | 5.00   | 4.00   | 0.00   | 0.0250 | 0.1120 | 0.2517 | 10.08 | 2.00 |
| 45.00 m | 0.00                                  | 19.00 | 62.00 | 9.00   | 4.00   | 6.00   | 0.00   | 0.0300 | 0.1206 | 0.2528 | 8.43  | 1.92 |

## GRAIN SIZE DISTRIBUTION CURVES

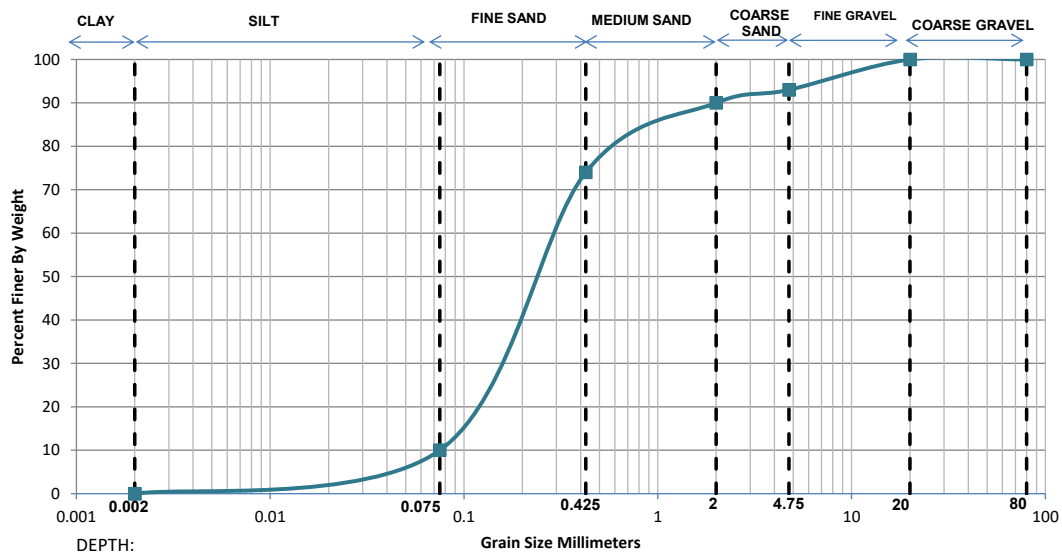
|                   |                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------|
| Project Name      | "Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km)" |
| Location/Chainage | DCP-1                                                                                                                        |
| B.H. No.          | 426                                                                                                                          |



| Depth   | Grain Size Distribution % wt retained |       |       |        |        |        |        | D10    | D30    | D60    | Cu   | Cc   |
|---------|---------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|------|------|
|         | Clay                                  | Silt  | Sand  |        |        | Gravel |        |        |        |        |      |      |
|         |                                       |       | Fine  | Medium | Coarse | Fine   | Coarse |        |        |        |      |      |
| 3.00 m  | 0.00                                  | 19.00 | 75.00 | 4.00   | 1.00   | 1.00   | 0.00   | 0.0309 | 0.1164 | 0.2162 | 7.00 | 2.03 |
| 6.00 m  | 0.00                                  | 17.00 | 78.00 | 3.00   | 2.00   | 0.00   | 0.00   | 0.0374 | 0.1245 | 0.2202 | 5.88 | 1.88 |
| 9.00 m  | 0.00                                  | 16.00 | 69.00 | 8.00   | 4.00   | 3.00   | 0.00   | 0.0406 | 0.1327 | 0.2477 | 6.09 | 1.75 |
| 13.50 m | 0.00                                  | 18.00 | 66.00 | 6.00   | 3.00   | 7.00   | 0.00   | 0.0332 | 0.1239 | 0.2443 | 7.36 | 1.89 |
| 18.00 m | 0.00                                  | 16.00 | 58.00 | 12.00  | 8.00   | 6.00   | 0.00   | 0.0397 | 0.1386 | 0.2940 | 7.40 | 1.65 |

## GRAIN SIZE DISTRIBUTION CURVES

|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Project Name      | Geotech Investigation work for Jaipur Metro Ph-II Project from Prahladpura to Todi Mod (Total approximate length -42.8 km) |
| Location/Chainage | -                                                                                                                          |
| B.H. No.          | 434                                                                                                                        |



| Depth  | Grain Size Distribution % wt retained |       |       |        |        |        | D10  | D30    | D60    | Cu     | Cc   |        |
|--------|---------------------------------------|-------|-------|--------|--------|--------|------|--------|--------|--------|------|--------|
|        | Clay                                  | Silt  | Sand  |        |        | Gravel |      |        |        |        |      |        |
|        |                                       |       | Fine  | Medium | Coarse | Fine   |      |        |        |        |      | Coarse |
| 3.00 m | 0.00                                  | 10.00 | 64.00 | 16.00  | 3.00   | 7.00   | 0.00 | 0.0750 | 0.1708 | 0.3085 | 4.11 | 1.26   |

## GRAIN SIZE DISTRIBUTION CURVES

