

GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

Plot no. 61 Vikaskung, Near Tower, Dibiyapur – 206244, District – Auraiya, Uttar Pradesh (India)

E-mail: machtechtools55@gmail.com, Mobile Number: 9265018387

Ref: MTL/WL/23-24/555 Date 26.10.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. VTL – GAJA (JV) as a part of their scope of work of development of Tubewell under Jal Jeevan Mission Project of SWSM, MTL conducted a Geophysical Continuous logging in the above borehole.

| Village Name | KATRA PHOOL KUWAR | | |
|---------------|---|--|--|
| Block | AMETHI | | |
| District | AMETHI | | |
| Drilled Depth | 370 MBGL | | |
| Logged Depth | 348.2 MBGL | | |
| Type of Log | Continuous well logger (SP, N16 (SN), N64 (LN) & LAT) | | |
| Machine Used | IGIS | | |
| Logging Date | 25.10.2023 | | |

The following aquifer zones have been deciphered with the help of logging machine.

| Sr. No. | Depth Range (mtr BGL) | Thickness (mtr) | Expected Quality |
|---------|-----------------------|--------------------|----------------------|
| 1 | 10 – 22 | 12 | Good to Moderate |
| 2 | 31 – 34 | 3 | Moderate |
| 3 | 38 – 41 | 3 | Moderate |
| 4 | 141 – 148 | 7 | Moderate |
| 5 | 156 – 160 | 4 | Moderate |
| 6 | 231 – 235 | 4 | Moderate to Marginal |
| 7 | 282 – 288 | 6 | Moderate to Marginal |
| 8 | 292 – 295 | 3 | Moderate to Marginal |
| 9 | 302 – 312 | 10 | Moderate |

Rw - 15.1 Ohm mtr and Rm - 15.1 Ohm mtr

For Geo-Technical Consultant,

Anand Kumar

(Hydrogeologist)

Authorised Signatory

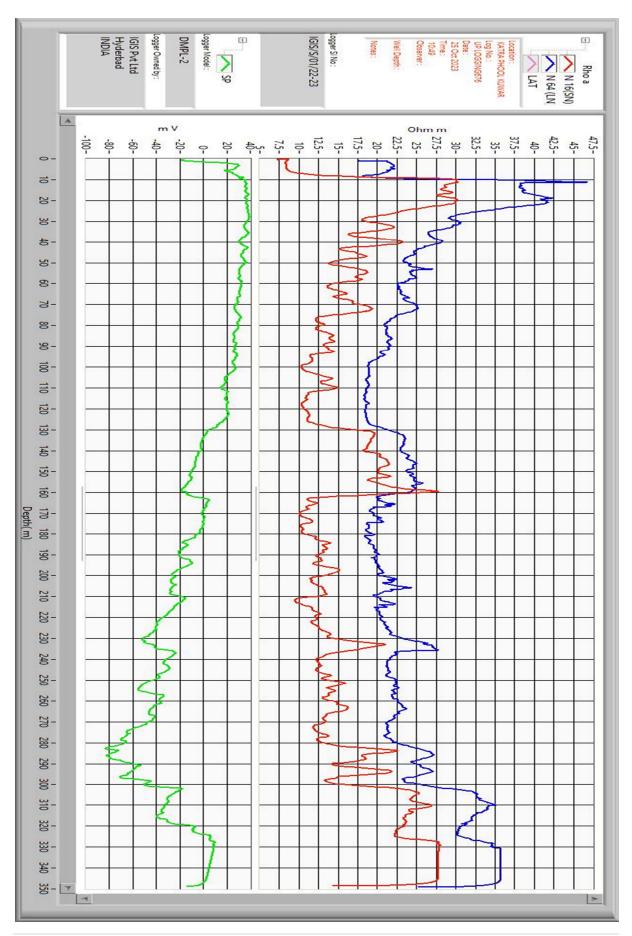
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