

Ref : MTL/WL/23-24/582

Date 05.11.2023

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 | UMAPUR GANAPATTI 2 |
| Block | AMETHI |
| District | AMETHI |
| Logged Depth | 272.5 MBGL |
| Type of Log | Continuous well logger (SP, N16 (SN), N64 (LN) & LAT) |
| Machine Used | IGIS |
| Logging Date | 04.11.2023 |

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

| Sr. No. | Depth Range (mtr BGL) | Thickness (mtr) | Expected Quality |
|---------|-----------------------|-----------------|------------------|
| 1 | 52 – 63 | 11 | Good to Moderate |
| 2 | 157 – 166 | 9 | Moderate |

Rw – 9.4 Ohm mtr and Rm – 10.0 Ohm mtr

Note: The formation water is marginal to saline in between 67 MBGL to 152 MBGL and below 170 MBGL to till logged depth.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



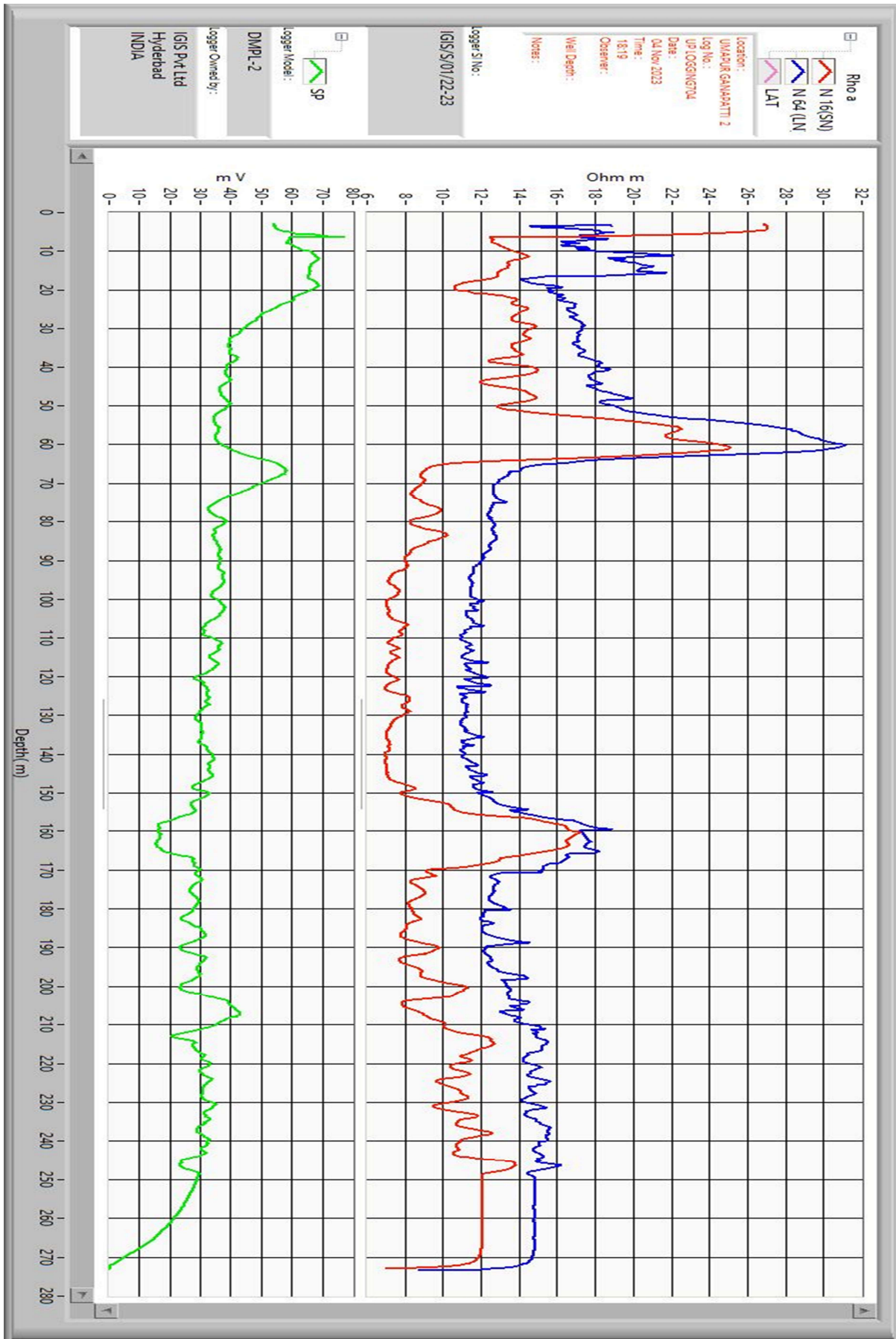
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