

Ref : MTL/WL/23-24/640

Date 23.12.2023

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 | PURE SOHRAT SINGH |
| Block | JAGDISHPUR |
| District | AMETHI |
| Logged Depth | 163.6 MBGL |
| Type of Log | Continuous well logger (SP, N16 (SN), N64 (LN) & LAT) |
| Machine Used | IGIS |
| Logging Date | 23.12.2023 |

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

| Sr. No. | Depth Range (mtr BGL) | Thickness (mtr) | Expected Quality |
|---------|-----------------------|-----------------|------------------|
| 1 | 20 – 24 | 4 | Good |
| 2 | 29 – 52 | 23 | Good |
| 3 | 91 – 95 | 4 | Good to moderate |

Rw – 16.9 Ohm mtr and Rm – 15.3 Ohm mtr

Note – All zones are intermixed with fine band of kankar and below 98 MBGL no proper granular zone encountered till log depth.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



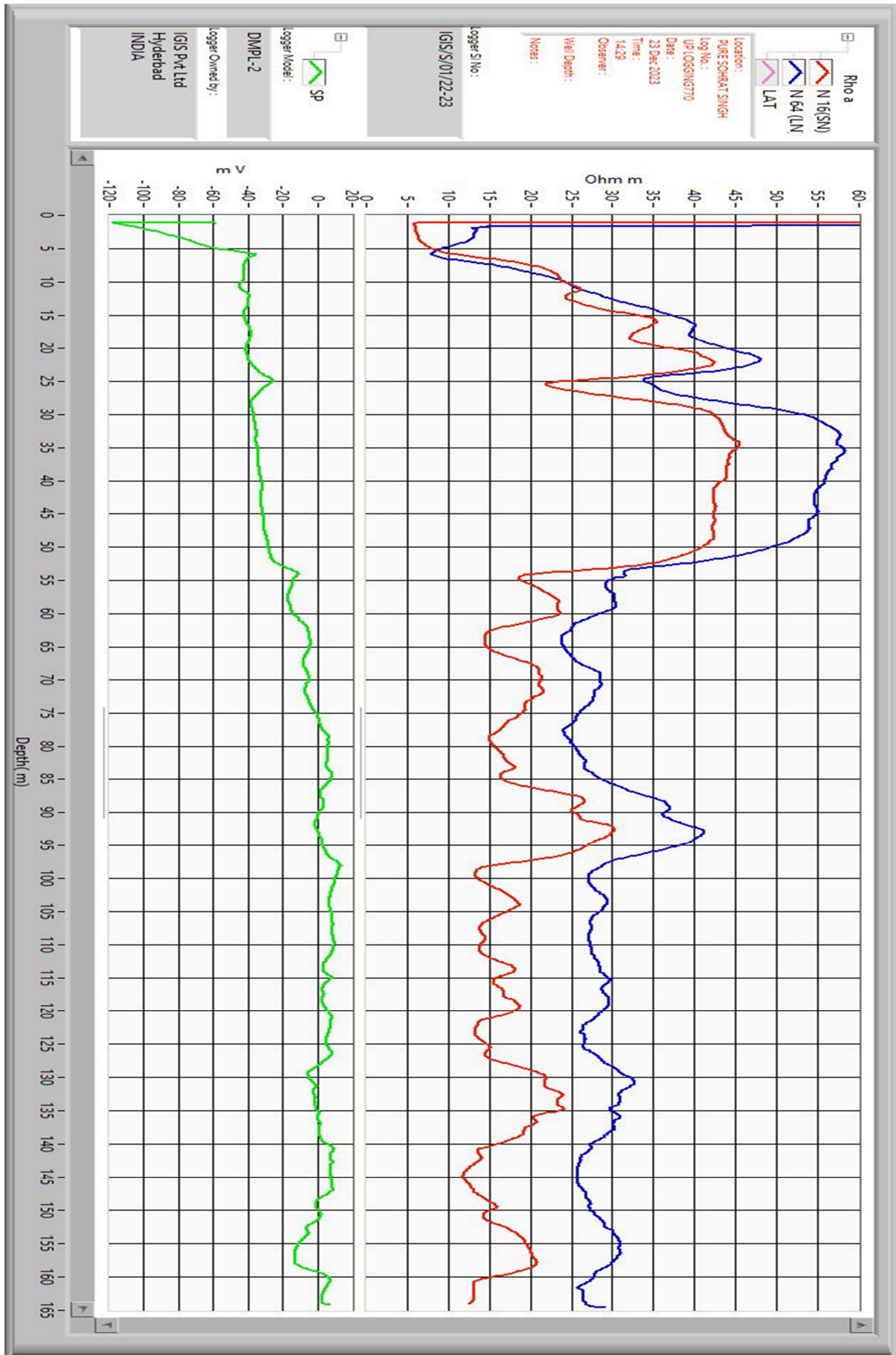
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