

Ref : MTL/WL/23-24/358

Date : 01.08.2023

## 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	Loharta 1
Block	Amethi
District	Amethi, U.P.
Logged Depth	229.6 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	31.07.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	16 – 24	8	Good
2	31 – 36	5	Good
3	66 – 69	3	Good
4	125 – 132	7	Good

Rw – 15.3 Ohm mtr and Rm – 17.8 Ohm mtr

Note: Below 221 MBGL no proper granular zone encountered till log depth.



Anand Kumar  
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



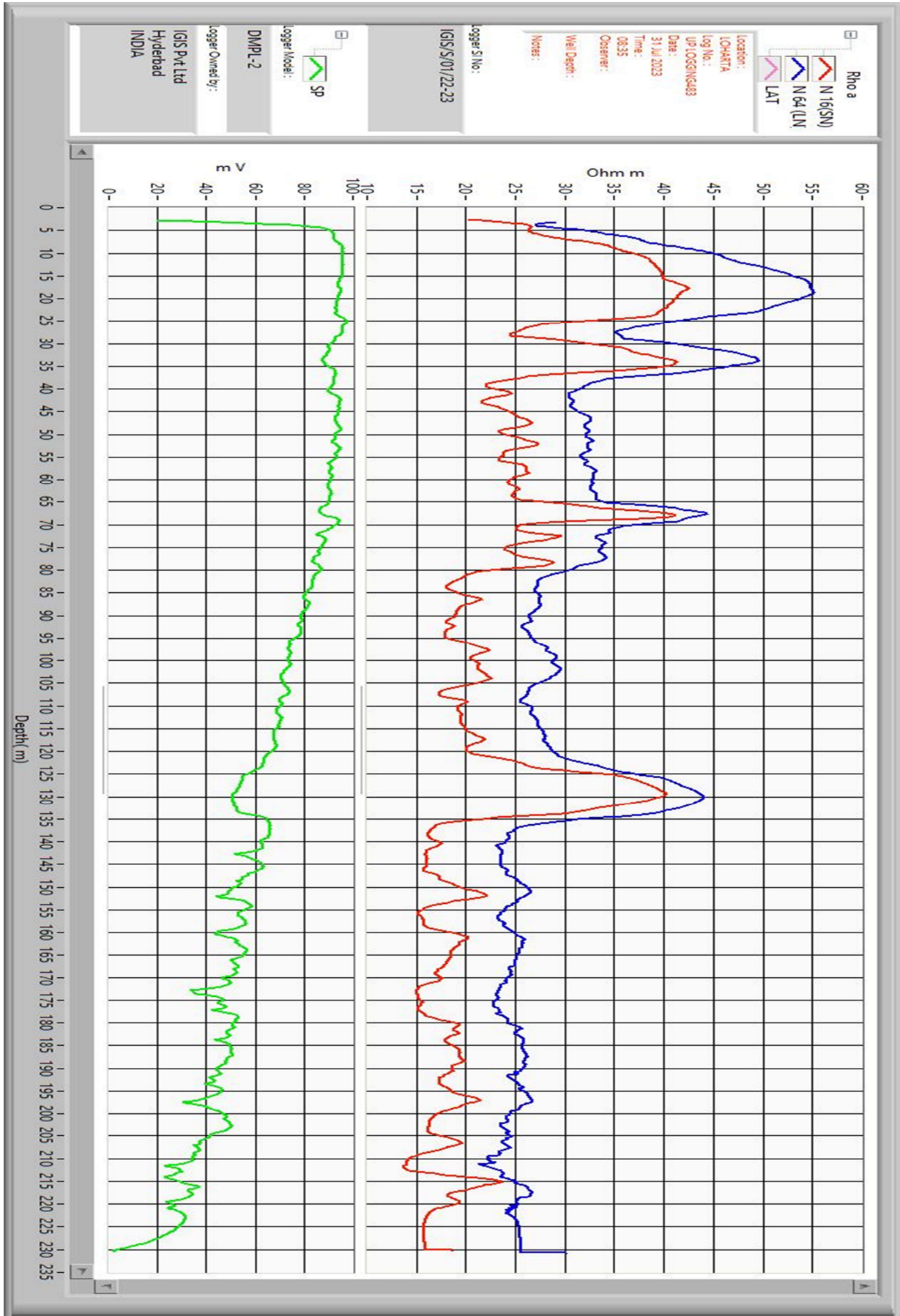
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