

Ref : MTL/WL/23-24/537

Date 18.10.2023

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	LONIYAPUR 1
Block	AMETHI
District	AMETHI
Drilled Depth	165 MBGL
Logged Depth	160 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	17.10.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	16 – 20	4	Moderate
2	34 – 40	6	Good to Moderate
3	62 – 65	3	Good to Moderate
4	69 – 75	6	Moderate

Rw – 10.0 Ohm mtr and Rm – 9.2 Ohm mtr

Note – Below 81 MBGL the formation water is marginal to saline till logged depth.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



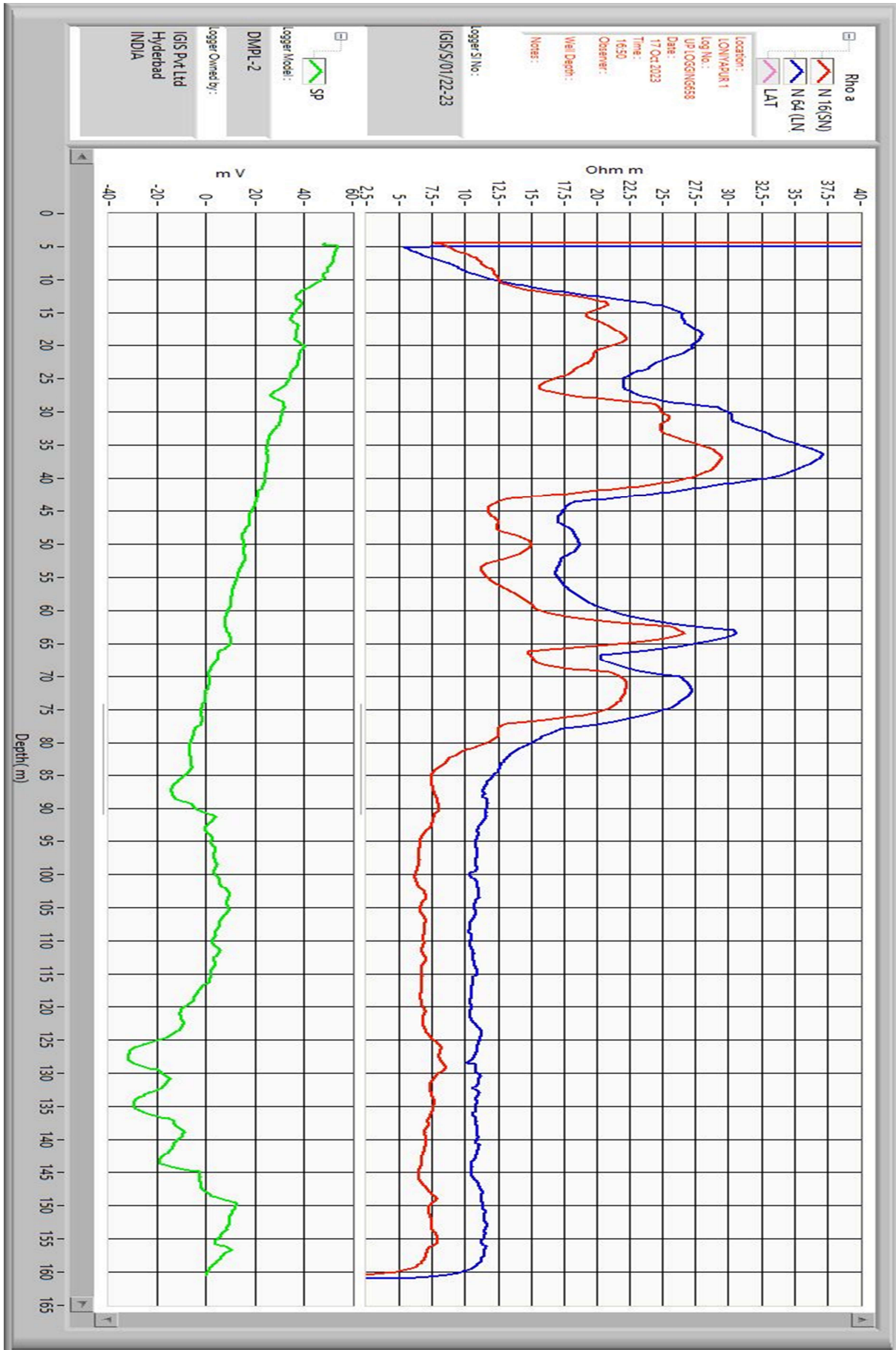
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