

Ref : MTL/WL/23-24/566

Date 30.10.2023

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	MACHWA 2
Block	BHADAR
District	AMETHI
Drilled Depth	162.2 MBGL
Logged Depth	170 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	29.10.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	15 – 20	5	Good to Moderate
2	22 – 29	7	Good
3	57 – 65	8	Good to Moderate

Rw – 8.0 Ohm mtr and Rm – 7.3 Ohm mtr

Note: The formation water is marginal to saline below 70 MBGL to till logged depth.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



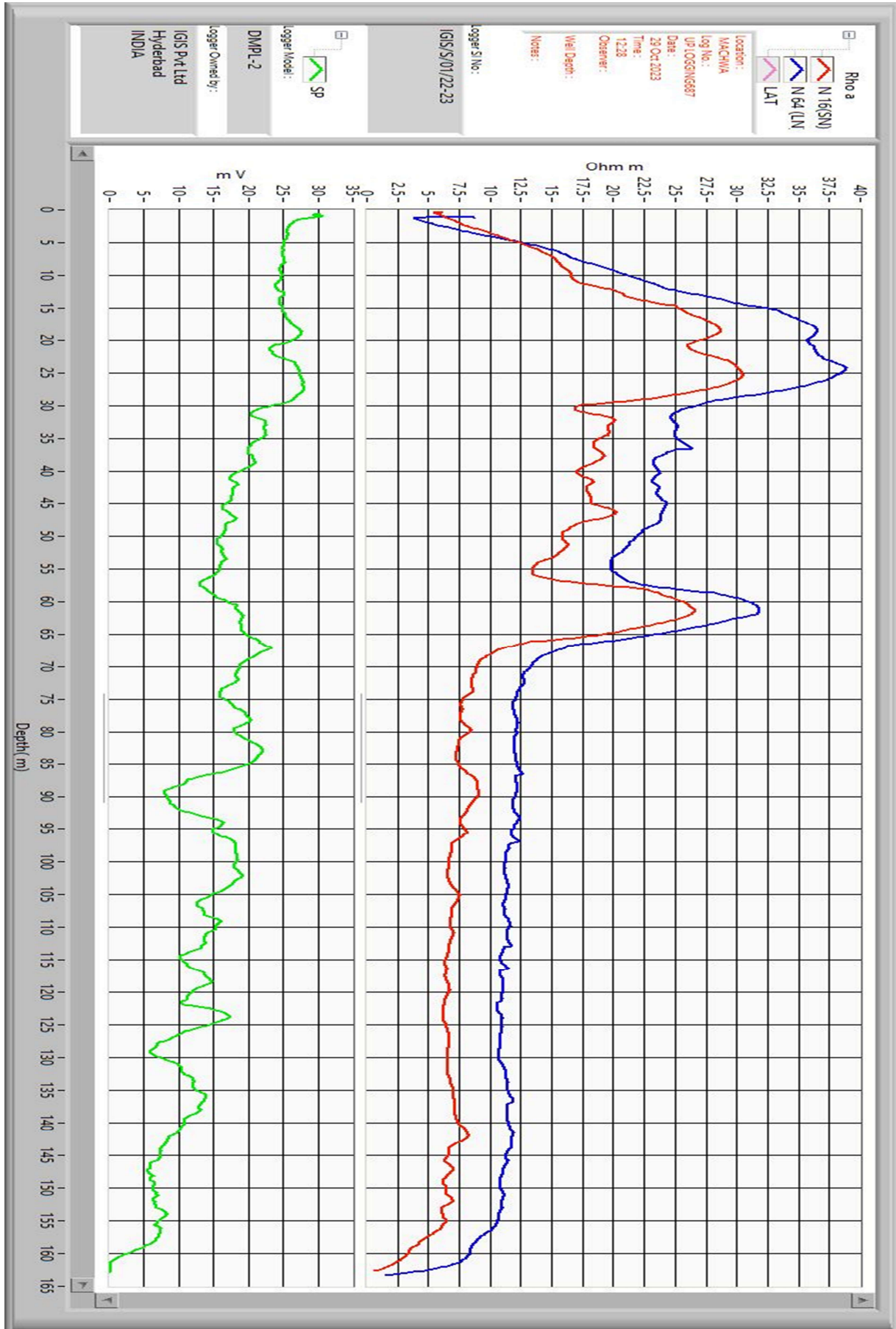
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