

Ref : MTL/WL/23-24/540

Date : 19.10.2023

## **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	UMAPUR GANAPATTI -2
Block	AMETHI
District	AMETHI, U.P.
Drilling depth	360 MBGL
Logged Depth	329.9 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	18.10.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	29 – 33	4	Moderate to Marginal
2	45 – 50	5	Moderate
3	53 – 63	10	Moderate

Rw – 8.0 Ohm mtr and Rm – 9.1 Ohm mtr

Note: Below 69 MBGL the formation water is marginal to saline till log depth.



Anand Kumar  
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



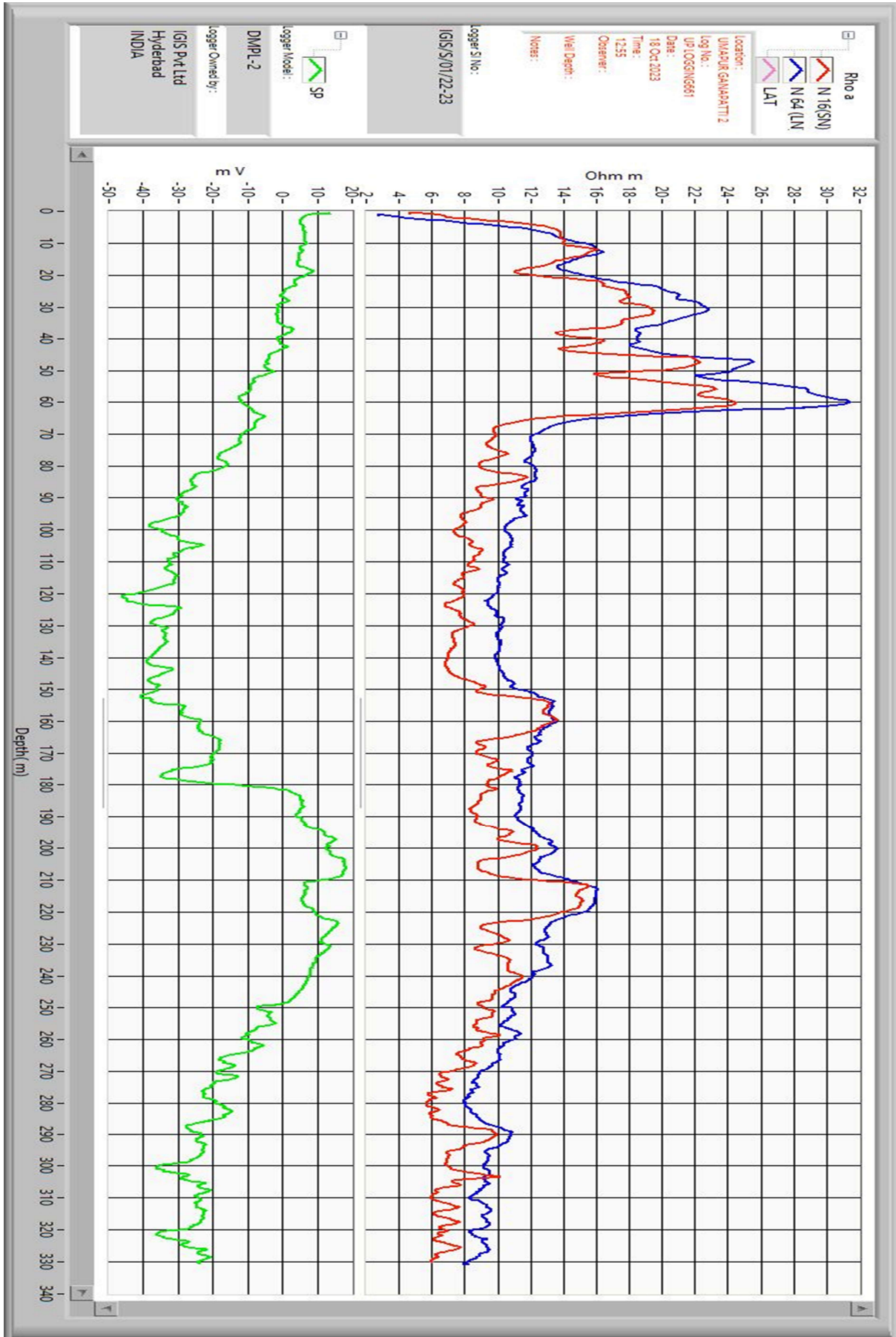
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