

Ref : MTL/WL/23-24/590

Date 21.11.2023

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	KATRA PHOOL KUWAR 2
Block	AMETHI
District	AMETHI
Drilled Depth	390 MBGL
Logged Depth	340.7 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	20.11.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	12 – 16	4	Good to Moderate
2	17 – 21	4	Good to Moderate
3	28 – 33	5	Good
4	243 – 248	5	Moderate
5	270 – 274	4	Moderate
6	310 – 320	10	Moderate
7	326 – 330	4	Good to Moderate

Rw – 15.9 Ohm mtr and Rm – 13.0 Ohm mtr

Note: The formation water is marginal to saline in between 38 MBGL to 239 MBGL.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



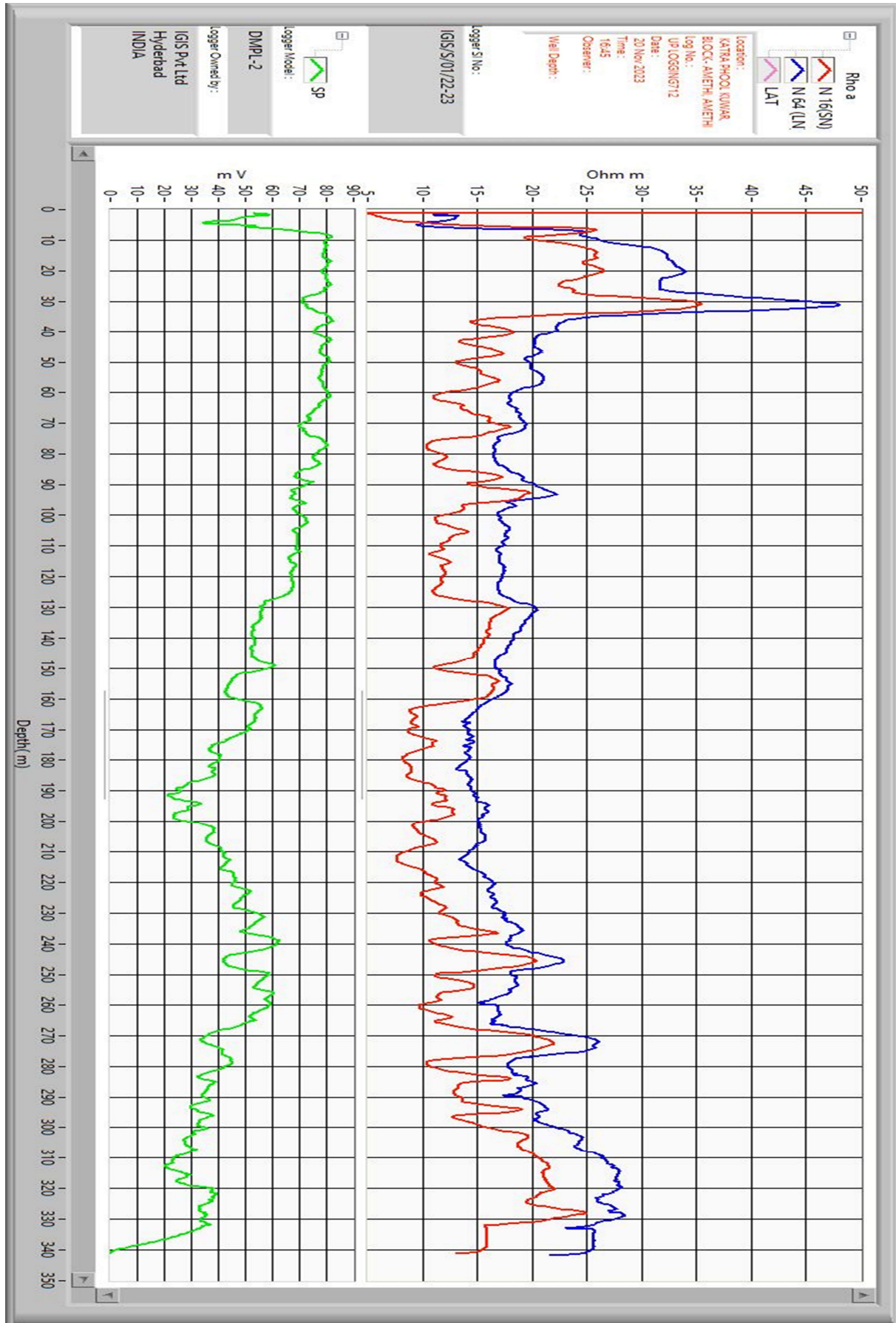
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