

Ref : MTL/WL/23-24/353

Date : 26.07.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. 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	Kotwar Mau
Block	Bahadurpur
District	Amethi, U.P.
Logged Depth	362 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	25.07.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	35 – 40	5	Good
2	44 – 47	3	Good
3	51 – 54	3	Good
4	60 – 63	3	Good
5	78 – 85	7	Good
6	103 – 115	12	Good
7	128 – 135	7	Good

Rw – 13.7 Ohm mtr and Rm – 23.8 Ohm mtr

Note: NO proper granular zone encountered below 150 MBGL to 260 MBGL and below 260MBGL the formation of water is marginal to saline till log depth.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



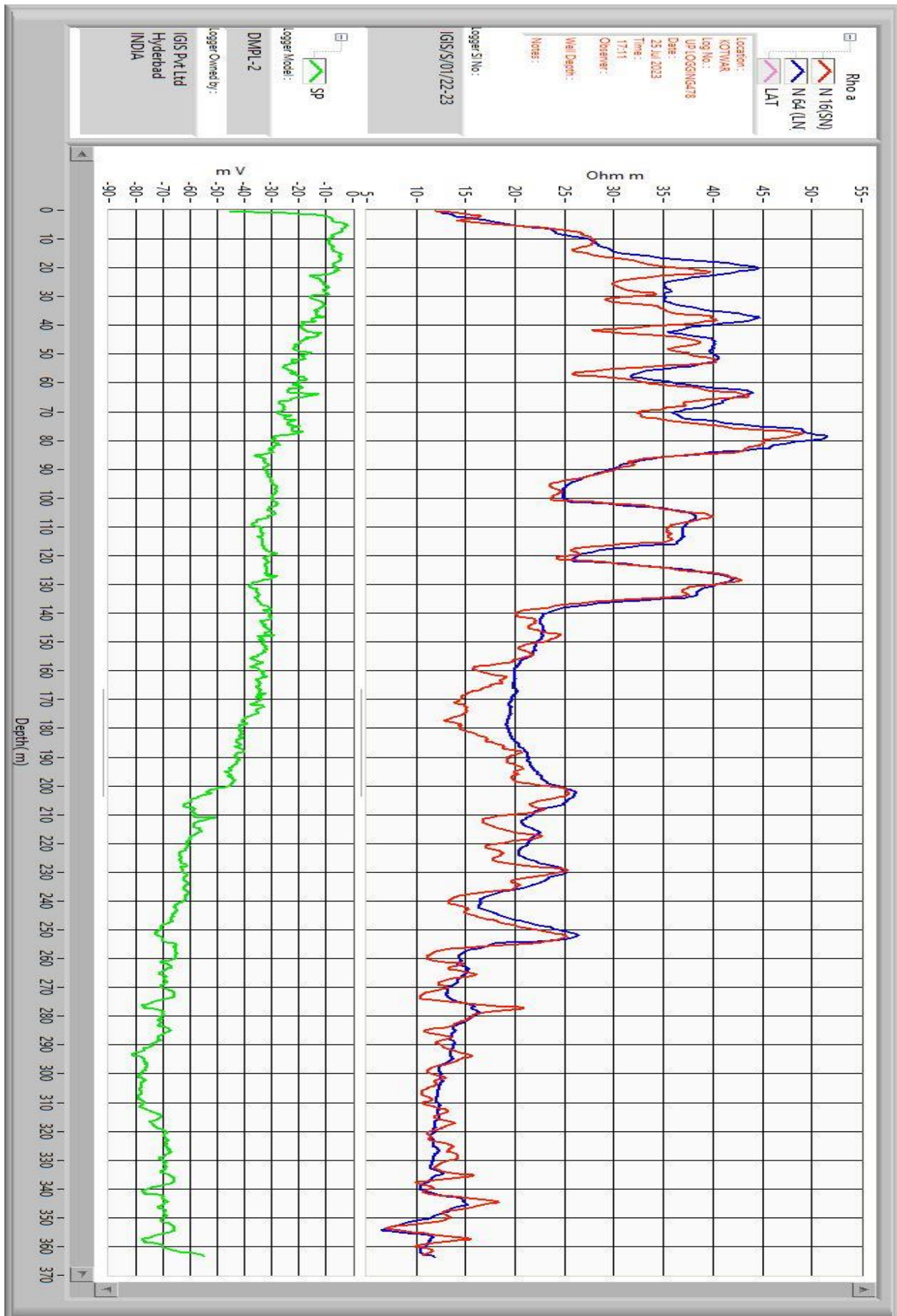
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