

Ref : MTL/WL/23-24/369

Date : 31.07.2023

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	Chaturbhujpur
Block	Amethi
District	Amethi, U.P.
Logged Depth	299.3 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	31.07.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	18 – 27	9	Good
2	43 – 46	3	Good
3	54 – 57	3	Good
4	123 – 136	13	Good
5	159 – 166	7	moderate
6	271 – 276	5	moderate

Rw – 12.3 Ohm mtr and Rm –14.6 Ohm mtr

Note: The formation water is deteriorating from marginal to saline in between 170 - 270 MBGL.



Anand Kumar

(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



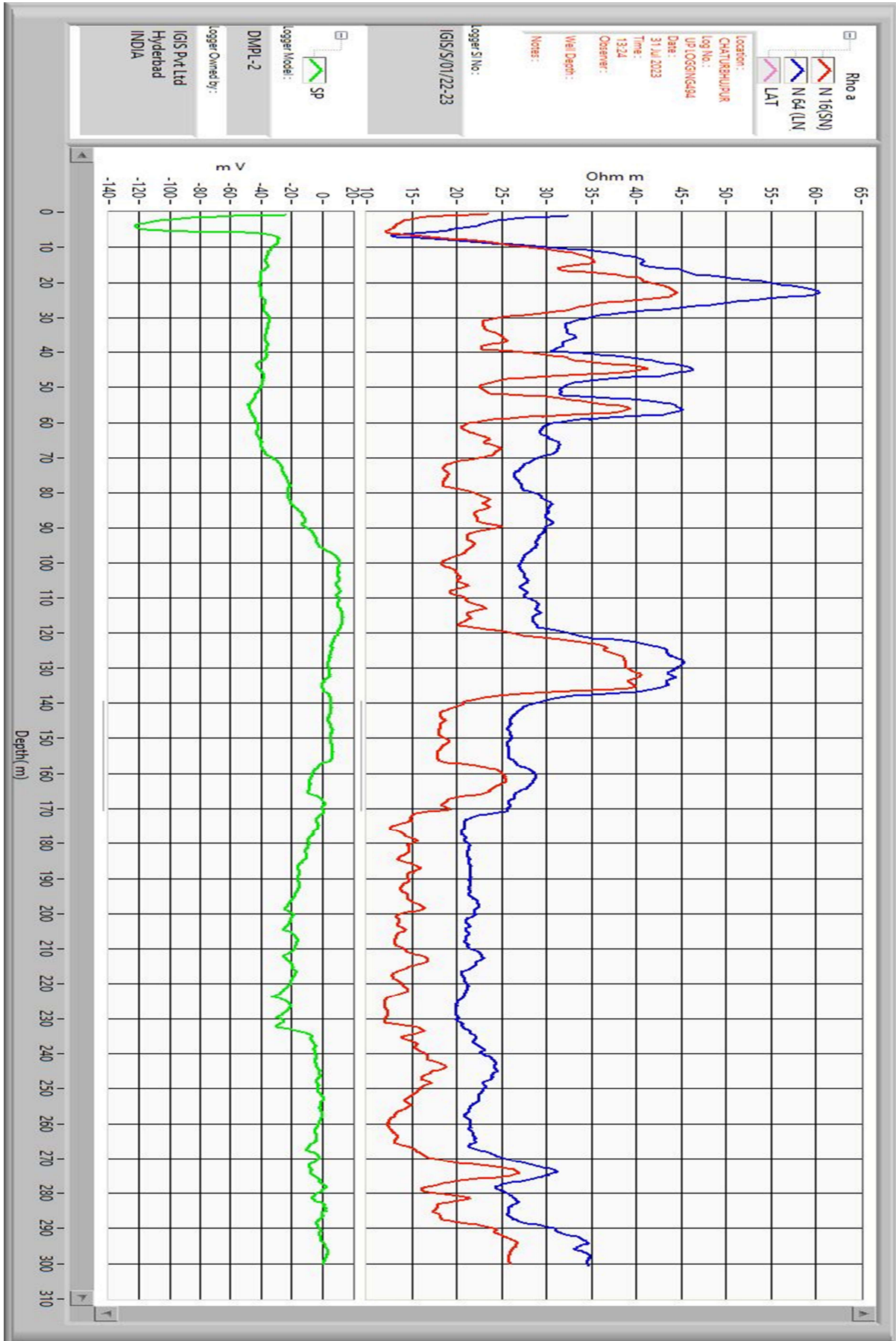
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