

Ref : MTL/WL/23-24/357

Date : 28.07.2023

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	Gaderi 2
Block	Amethi
District	Amethi, U.P.
Logged Depth	157.2 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	27.07.2023


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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	17 – 23	6	Good
2	31 – 34	3	Good
3	44 – 49	5	Good
4	55 – 61	6	Good
5	119 – 124	5	Good
6	126 – 130	4	Good

Rw – 15.9 Ohm mtr and Rm – 17.4 Ohm mtr

Note: Below 130 MBGL the quality of formation water is deteriorating till log depth.

For Geo-Technical Consultant,


Anand Kumar
(Hydrogeologist)


Authorised Signatory



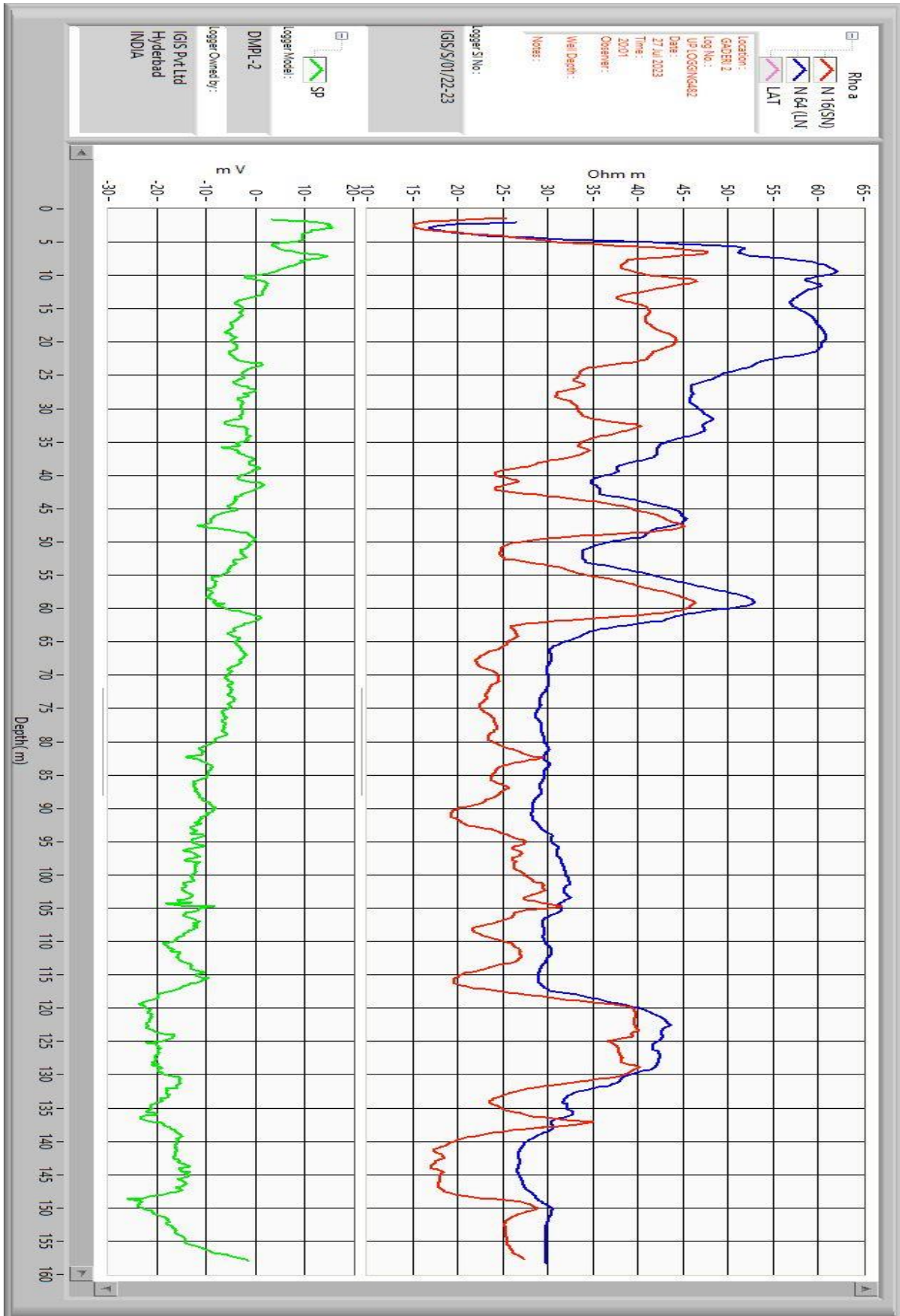
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