

Ref : MTL/WL/23-24/568

Date 31.10.2023

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	GAURIPUR
Block	GAURIGANJ
District	AMETHI
Drilled Depth	410 MBGL
Logged Depth	376.3 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	30.10.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	10 – 14	4	Good
2	20 – 23	3	Good
3	28 – 34	6	Good
4	44 – 48	4	Good
5	56 – 60	4	Good to Moderate
6	73 – 78	5	Moderate
7	106 – 112	6	Moderate to Marginal
8	183 – 192	9	Good to Moderate
9	209 – 216	7	Moderate
10	273 – 282	9	Good to Moderate
11	302 – 310	8	Good to Moderate
12	326 – 333	7	Good to Moderate

Rw – 20.3 Ohm mtr and Rm – 22.2 Ohm mtr

Note: The formation water is marginal to saline in between 119 MBGL to 180 MBGL, 219 MBGL to 270 MBGL and below 349 MBGL to till logged depth.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



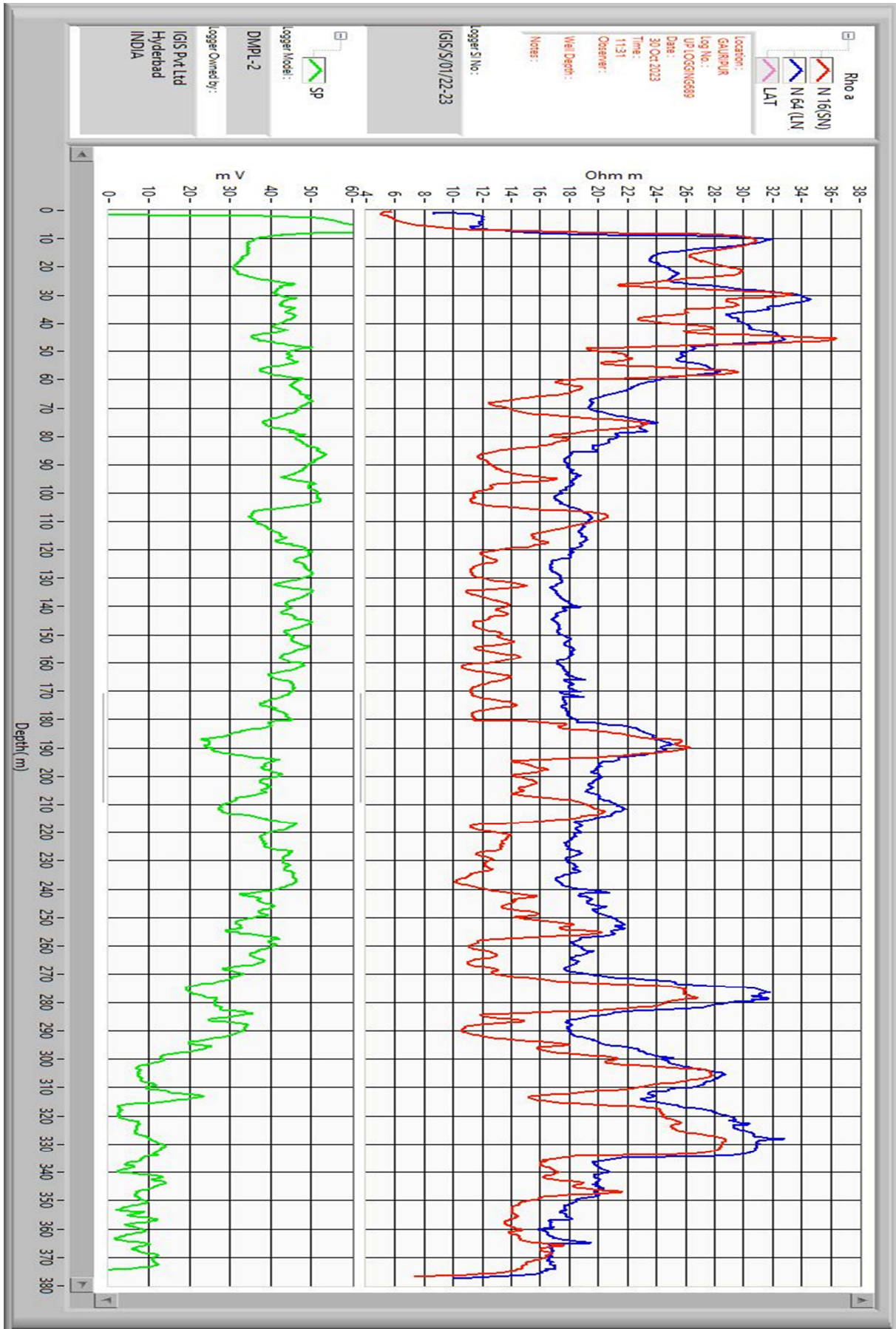
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