

Ref : MTL/WL/23-24/511

Date 05.10.2023

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	GUDUR
Block	GAURIGANJ
District	AMETHI
Drilled Depth	405 MBGL
Logged Depth	354.6 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	04.10.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	12 – 23	11	Good
2	31 – 37	7	Good to Moderate
3	47 – 50	3	Moderate
4	100 – 106	6	Moderate
5	153 – 167	14	Good
6	181 – 186	5	Moderate
7	284 – 288	4	Good

Rw – 16.4 Ohm mtr and Rm – 19.3 Ohm mtr

Note – The formation water is marginal to saline in between 190 - 280 MBGL and 290 MBGL to till log depth.

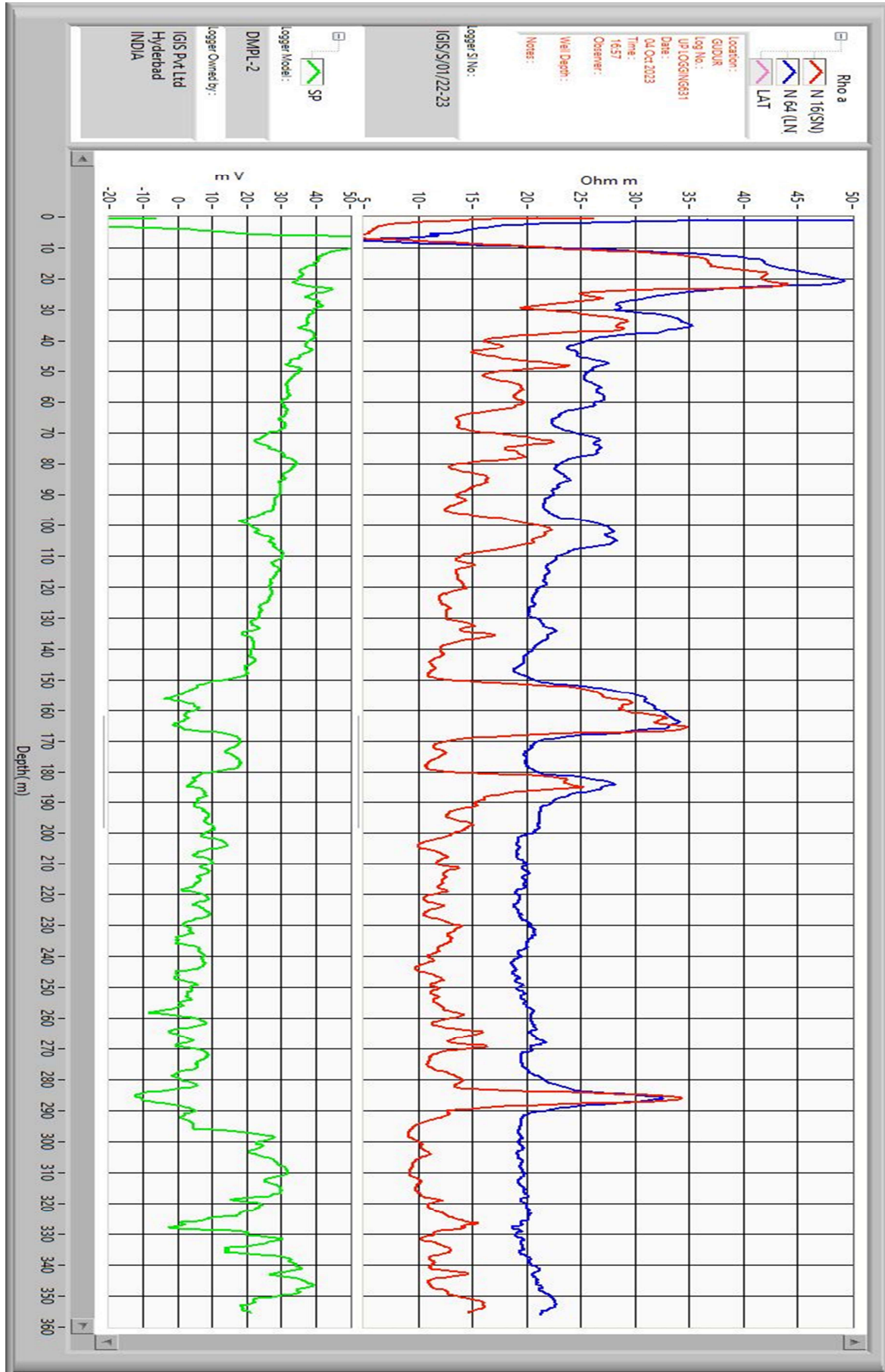


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Authorised Signatory





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