

Ref: MTL/WL/23-24/717

Date 20.05.2024

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. GAYATRI- RAMKY (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	MANA MADANPUR
Block	MUSHAFIRKHANA
District	AMETHI
Logging Depth	154.3 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	17.05.2024

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	16 – 23	7	Good
2	28 – 43	15	Good
3	73 – 86	13	Good
4	106 – 112	6	Good

Rw – 21.2 Ohm mtr and Rm – 19.0 Ohm mtr

Note – Below 115 MBGL to log depth not found proper granular zones and formation water quality is also deteriorating.

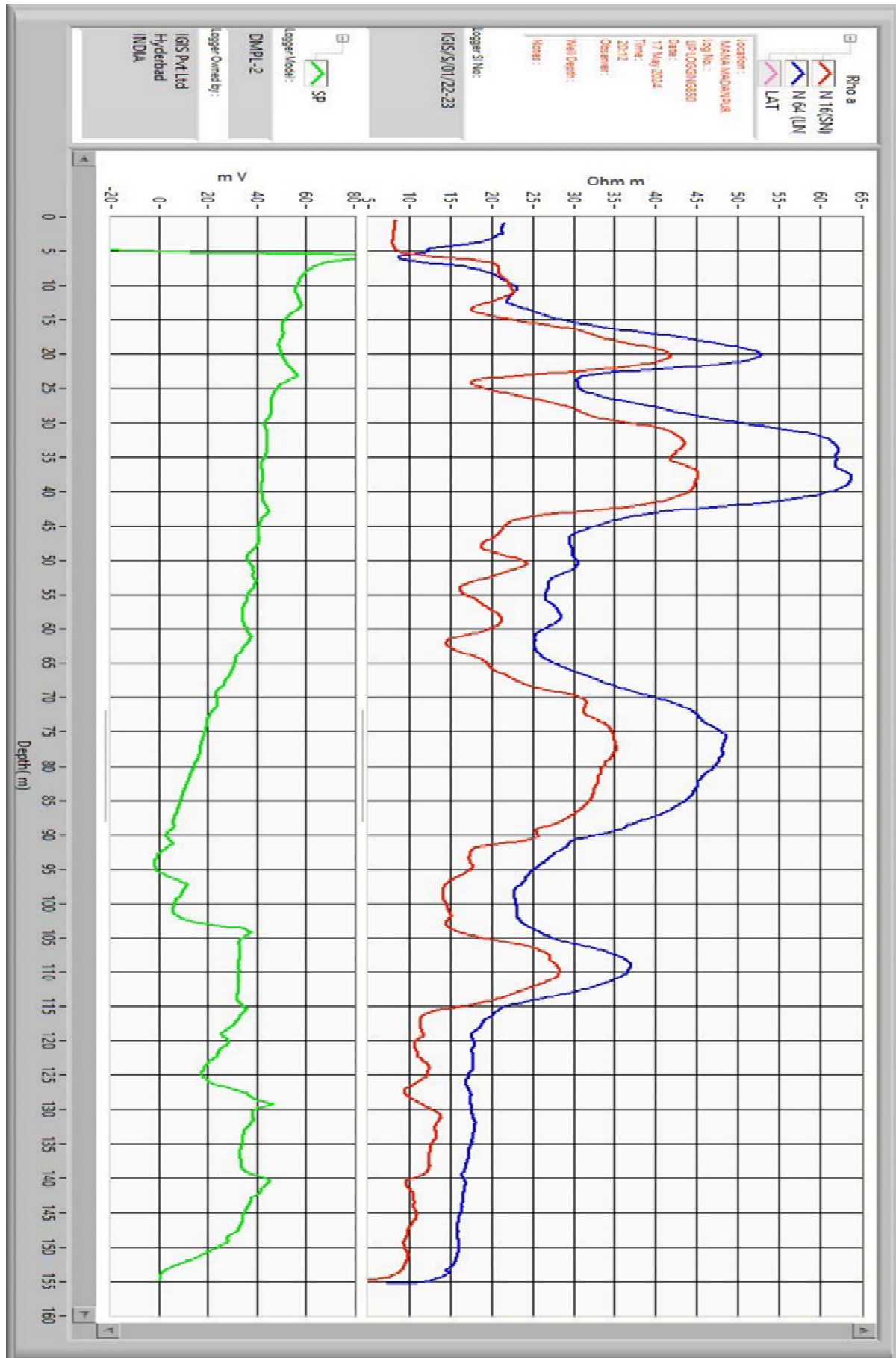


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Authorised Signatory



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