



GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

Plot no. 61 Vikaskung, Near Tower, Dibiyapur – 206244, District – Auraiya, Uttar Pradesh (India)

E-mail: machtechtools55@gmail.com , Mobile Number :- 9265018387

Ref : MTL/WL/23-24/657

Date 01.01.2024

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	LUNIYAPUR 2
Block	AMETHI
District	AMETHI
Logged Depth	285.5 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	31.12.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	11 – 19	8	Good
2	29 – 37	8	Good
3	53 – 59	6	Moderate
4	263 – 272	9	Moderate

Rw – 12.0 Ohm mtr and Rm – 14.2 Ohm mtr

Note – The formation water is marginal to saline in between 90 MBGL to 190 MBGL and moderate to marginal between 190 MBGL to 260 MBGL.

Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,

Authorised Signatory

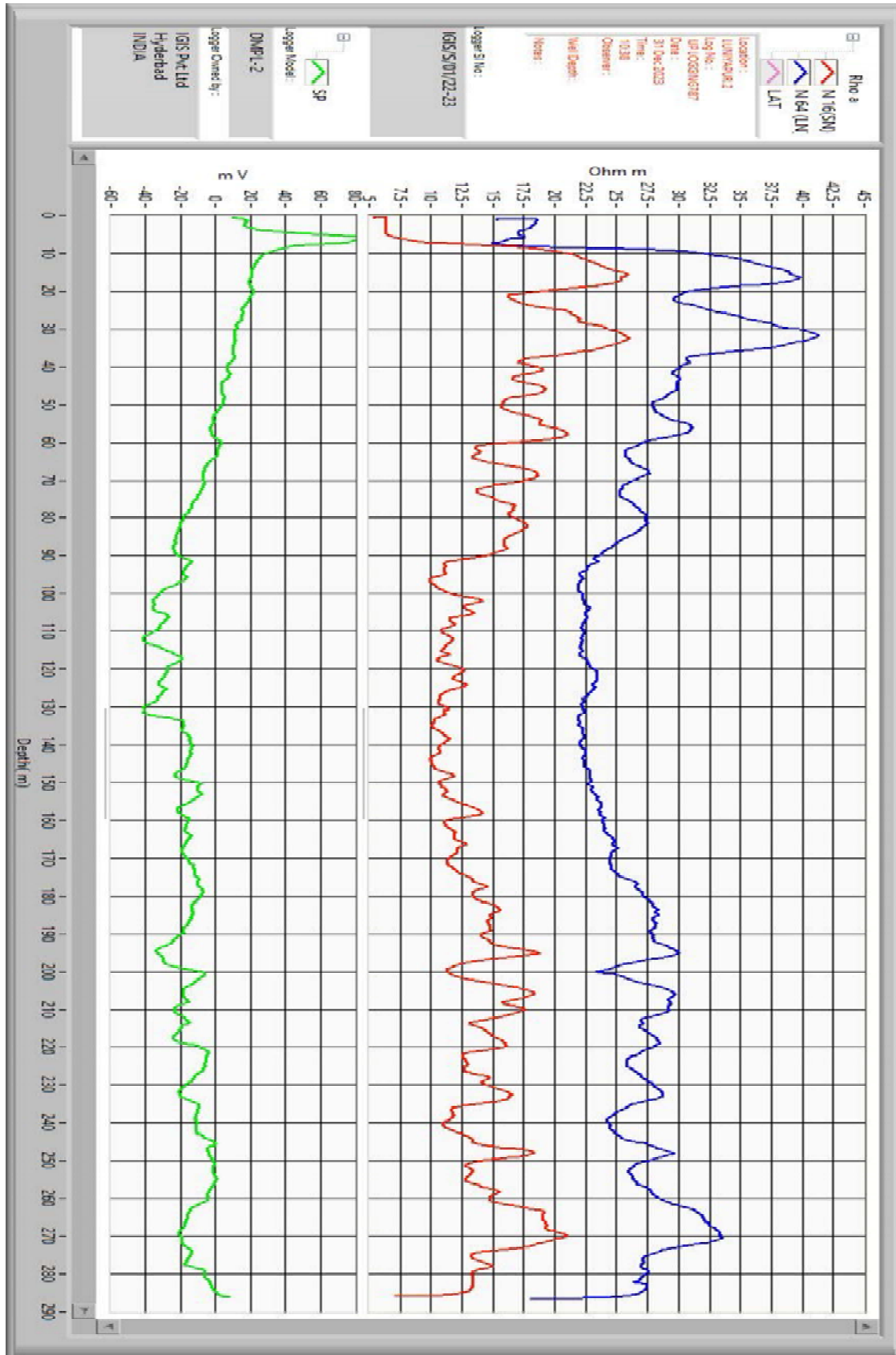


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