

Ref : MTL/WL/23-24/436

Date 22.08.2023

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	GORKHAPUR
Block	SANGRAMPUR
District	AMETHI
Logged Depth	160 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	21.08.2023

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 – 16	4	Good
2	23 – 30	7	Good
3	38 – 44	6	Good
4	50 – 56	6	Good
5	91 – 94	3	Moderate to marginal

Rw – 13.1 Ohm mtr and Rm – 13.4 Ohm mtr

Note – Below 95MBGL the formation water is marginal to saline till log depth.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



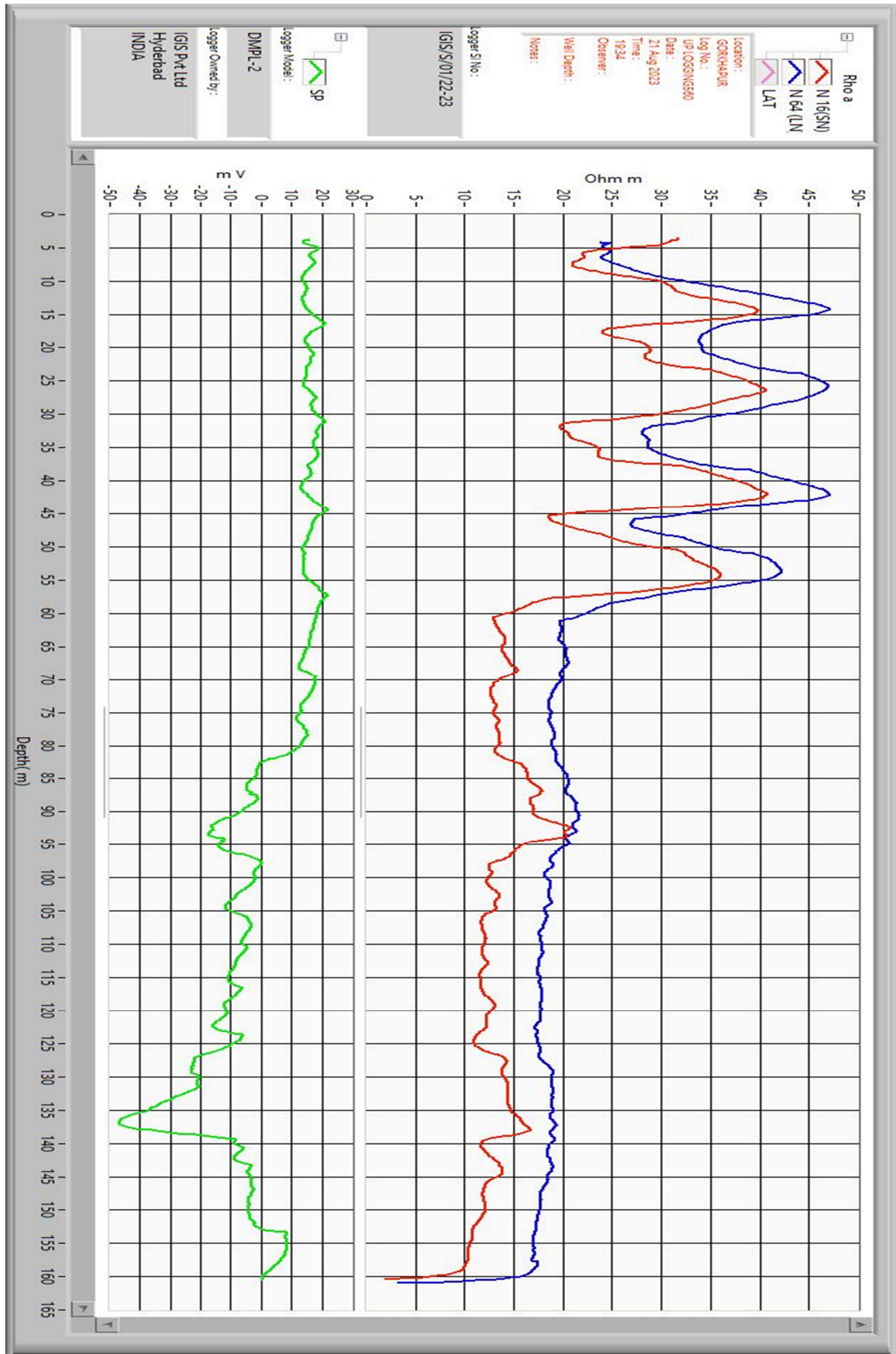
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