

Ref : MTL/WL/23-24/708

Date 10.04.2024

## **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	KHEMMAU
Block	SHUKUL BAZAR
District	AMETHI
Logged Depth	144.1 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	09.04.2024

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	22 – 32	10	Good
2	36 – 42	6	Good
3	57 – 63	6	Good
4	71 – 75	4	Good
5	84 – 95	11	Good
6	116 – 123	7	Good to Moderate

Rw – 19.1 Ohm mtr and Rm – 22.2 Ohm mtr

Note – Below 124 MBGL to log depth not found proper granular zone.



Anand Kumar  
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



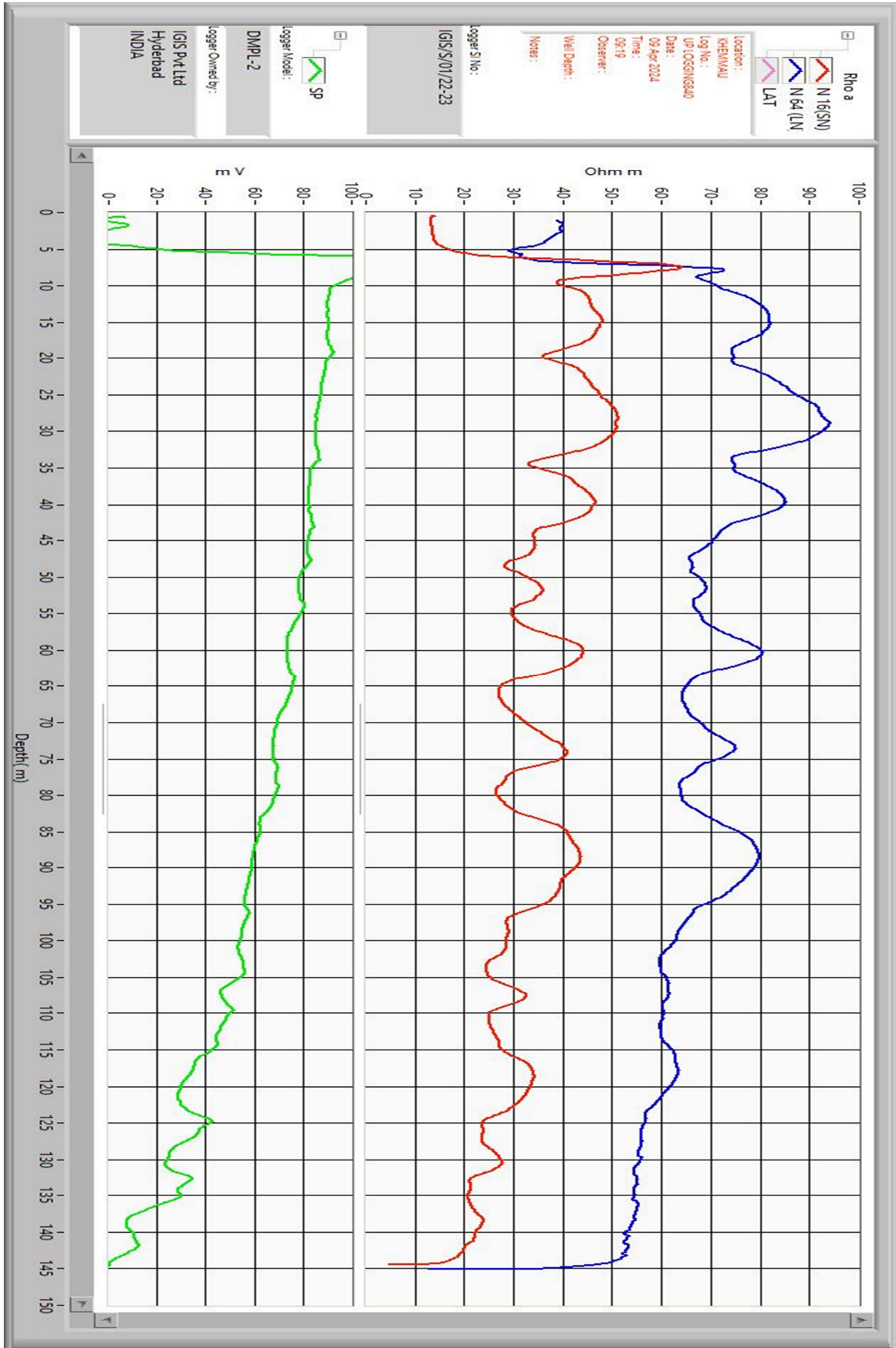
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