

Ref : MTL/WL/23-24/440

Date 23.08.2023

## **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	GANGWACH
Block	BHENTUA
District	AMETHI
Logged Depth	322.6 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	22.08.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	14 – 20	6	Good
2	28 – 32	4	Good
3	40 – 46	6	Good
4	55 – 61	6	Good
5	124 – 130	6	Moderate
6	133 – 137	4	Moderate
7	211 – 221	10	Moderate

Rw – 9.9 Ohm mtr and Rm – 13.1 Ohm mtr

Note – The formation water is marginal to saline in between 72 MBGL to 121 MBGL, 140 MBGL to 209 MBGL and further below 224 MBGL to till log depth.

For Geo-Technical Consultant,



Anand Kumar  
(Hydrogeologist)



Authorised Signatory



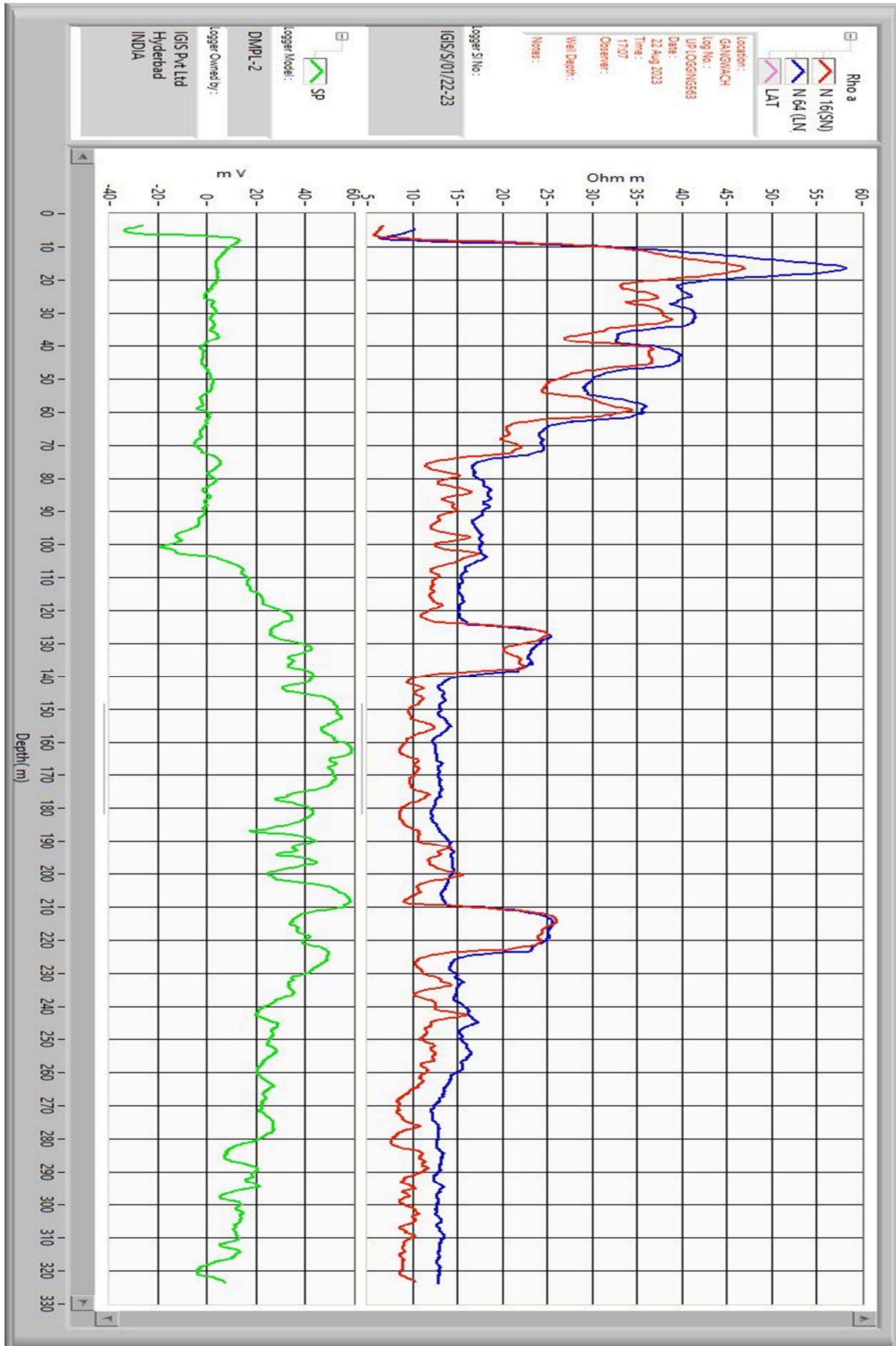
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