

Ref : MTL/WL/23-24/383

Date : 05.08.2023

## **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.

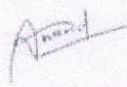
Village Name	Matiyari Kalan
Block	Jagdishpur
District	Amethi, U.P.
Drilling Depth	170 Mtr BGL
Logged Depth	146.3 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	04.08.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	16 – 22	6	Good
2	27 – 32	5	Good
3	46 – 61	15	Good
4	68 – 73	5	Good
5	107 – 116	9	Moderate

Rw – 12.2 Ohm mtr and Rm – 11.5 Ohm mtr

Note: Below 116MBGL no proper granular zone encountered till log depth.

  
Anand Kumar  
(Hydrogeologist)

For Geo-Technical Consultant,

  
Authorised Signatory