

Ref : MTL/WL/23-24/235

Date : 05.06.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. M/s. GAYATRI- RAMKY (IV) 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	Mawaliya Rahmatgarh
Block	Shukul bazar
District	Amethi, U.P.
Logged Depth	16/34 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAI)
Machine Used	J&S
Logging Date	04.06.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	18 – 22	4	Good
2	29 – 33	4	Good
3	40 – 43	3	Good
4	55 – 67	12	Good
5	72 – 75	3	Good
6	103 – 107	4	Good
7	110 – 114	4	Good

Riv – 20.4 Ohm mtr and Rm – 20.5 Ohm mtr

Note: Below 120 MBGL the quality of the formation water is deteriorating till log depth.

- Logging performed as per SWSM guidelines.
- Groundwater quality interpreted by firm as per their logger calibration.
GSh
06/06/23

For Geo-Technical Consultant,



Authorised Signatory