

Ref : MTL/WL/23-24/41

Date 17.04.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. 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	Ramdayapur
Block	Amethi
District	Amethi, U.P.
Logged Depth	145.1Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	16.04.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	27 – 34	7	Good
2	42 – 46	4	Good to Moderate
3	47 – 51	4	Good to Moderate
4	57 – 64	7	Moderate to marginal

Rw – 10.7 Ohm mtr and Rm – 11.7 Ohm mtr

Note: Below 70 MBGL the quality of the formation water is marginal to saline till log depth.

- Logging performed as per SWSM guidelines.

- Ground water quality interpreted by form as per their logger calibration.

For Geo-Technical Consultant,



Authorised Signatory

G. Sh
17/04/23