

Ref : MTL/WL/23-24/252

Date : 11.06.2023

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	Amayemafi 2
Block	Bhetua
District	Amethi, U.P.
Logged Depth	154.5 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	10.06.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	17 – 21	4	Good
2	30 – 34	4	Good
3	60 – 63	3	Good
4	81 – 87	6	Good
5	108 – 111	3	Moderate

Rw – 17.2 Ohm mtr and Rm – 13.6 Ohm mtr

Note: Below 117 MBGL the quality of the formation water is marginal to saline till log depth.

- Logging performed as per SWSM guidelines
 - Groundwater quality interpreted by firm as per their logger calibration

G.Sh
13/06/23

For Geo-Technical Consultant,



Authorised Signatory