

Ref : MTL/WL/23-24/108

Date : 05.05.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency 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	Alinagar
Block	Jagdipshpur
District	Amethi, U.P.
Logged Depth	155 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & SAT)
Machine Used	IGIS
Logging Date	04.05.2023

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	39 – 43	4	Good
3	76 – 83	7	Good
4	89 – 93	4	Good

Bw 18.5 Ohm mtr and Rin 19.8 Ohm mtr

Note: Below 106 MBGL the quality of the formation water is marginal to saline till log depth.

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



Authorised Signatory

GSh
06/05/23