

Ref : MTL/WL/23-24/280

Date : 19.06.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. M/s. GAYATRI RAMKY (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	Sarai Kherna
Block	Amethi
District	Amethi, U.P.
Logged Depth	149.2 Mtr BGL
Type of Log	Continuous well logger (SF, NTG (SN), NGI (IN) & IAT)
Machine Used	IGIS
Logging Date	18.06.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	31 – 37	6	Good
2	53 – 58	5	Good

BW – 11.0 Ohm mtr and Rm – 9.7 Ohm mtr

Note: Below 71 MBGL the quality of the formation water is deteriorating till log depth.

- Logging performed as per SWSM guidelines
- Groundwater quality interpreted by form as per their logger calibration
GSR
19/06/23

For Geo-Technical Consultant,



Authorised Signatory