

Ref : MTL/WL/23-24/156

Date : 17.05.2023

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	Dakhinwara 2
Block	Jamo
District	Amethi, U.P.
Logged Depth	155.7 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	16.05.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	14 – 23	9	Good
2	34 – 40	6	Good
3	49 – 59	10	Good
4	64 – 67	3	Good

Rw – 16.2 Ohm mtr and Rm – 15.3 Ohm mtr

Note: Below 79 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
17/05/23

For Geo-Technical Consultant,



Authorised Signatory