

Ref : MTL/WL/22-23/135

Date 23.02.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. Universal MEP Projects Engineering & Services Ltd 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	Thaura
Block	Bhetua
District	Amethi, U.P.
Logged Depth	164.7 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	22.02.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Litholog	Expected Quality
1	27 – 34	7	Fine sand	Good
2	45 – 66	21	Medium to fine sand	Good
3	75 – 85	10	Medium to fine sand	Good

Rw – 18.8 Ohm mtr and Rm – 17.2 Ohm mtr

Note: Below 88 MBGL the quality of the formation water is deteriorating till log depth.

*Logging performed as per SWSM guidelines.
Groundwater quality interpreted by firm as per their calibration*

For Geo-Technical Consultant,



Authorised Signatory

*G8h
24/02/23*