

Ref : MTL/WL/23-24/621

Date 14.12.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency 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	MAHMOODPUR AND KHALISPUR 1
Block	BAHADURPUR
District	AMETHI
Logging Depth	329.9 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	13.12.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	15 – 28	13	Good to Moderate
2	40 – 44	4	Moderate
3	250 – 260	10	Moderate
4	288 – 307	19	Good to Moderate

Rw – 10.9 Ohm mtr and Rm – 9.8 Ohm mtr

Note – The formation water quality is marginal to saline from 50 to 245 MBGL.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



