

Ref : MTL/WL/23-24/580

Date : 04.11.2023

## **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	PURE PRAM SAHA
Block	MUSHAFIRKHANA
District	AMETHI, U.P.
Drilling depth	170 MBGL
Logged Depth	164.5 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	03.11.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	16 – 20	4	Good
2	24 – 48	24	Good
3	85 – 89	4	Good to Moderate

Rw – 14.2 Ohm mtr and Rm – 16.1 Ohm mtr

Note: Below 123 MBGL the formation water is marginal to saline till logged depth.



Anand Kumar  
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



