

Ref : MTL/WL/23-24/631

Date 20.12.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. VTL – GAJA (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	MAHESHPUR
Block	MUSAFIRKHANA
District	AMETHI
Logged Depth	161.5 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	19.12.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	12 – 18	6	Good
2	25 – 44	19	Good
3	55 – 59	4	Good
4	80 – 89	9	Good

Rw – 20.8 Ohm mtr and Rm – 24.0 Ohm mtr

Note – Below 95 MBGL the formation water quality is marginal to saline to till log depth.



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