

Ref : MTL/WL/23-24/425

Date 18.08.2023

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	MOCHWA
Block	BHADAR
District	AMETHI
Logged Depth	155 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	17.08.2023

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 – 20	6	Good
2	22 – 29	7	Good
3	31 – 36	5	Good
4	40 – 43	3	Good to Moderate
5	47 – 50	3	Good to Moderate
6	56 – 66	10	Good

Rw – 14.4 Ohm mtr and Rm – 11.3 Ohm mtr

Note – Below 77 MBGL to log depth the formation water quality is marginal to saline.

For Geo-Technical Consultant,



Anand Kumar
(Hydrogeologist)



Authorised Signatory



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