

Ref : MTL/WL/23-24/515

Date 07.10.2023

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	MANGRA
Block	BHADAR
District	AMETHI
Drilling Depth	165 Mtr BGL
Logging Depth	159.9 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	06.10.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	8 – 15	7	Good
2	25 – 30	5	Moderate
3	42 – 45	3	Moderate
4	48 – 56	8	Good

Rw – 33.9 Ohm mtr and Rm – 17.6 Ohm mtr

Note – Below 56 MBGL the formation water quality is saline till log depth.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



