

Ref : MTL/WL/23-24/400

Date 12.08.2023

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	MAHUANA PACHHIM
Block	SHUKULBAZAR
District	AMETHI
Logged Depth	163.6 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	11.08.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	19 – 22	3	Good
2	29 – 44	15	Good
3	49 – 52	3	Good to Moderate
4	58 – 61	3	Moderate
5	89 – 93	4	Good to Moderate
6	96 – 99	3	Good to Moderate

Rw – 19.2 Ohm mtr and Rm – 17.0 Ohm mtr

Note – Below 120MBGL the formation water is marginal to saline till log depth.

For Geo-Technical Consultant,



Anand Kumar
(Hydrogeologist)



Authorised Signatory



