

Ref : MTL/WL/23-24/438

Date 23.08.2023

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 2
Block	SHUKULBAZAR
District	AMETHI
Logged Depth	160.4 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	22.08.2023

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 – 23	9	Good
2	29 – 46	17	Good
3	67 - 74	7	Good to Moderate
4	87 – 94	7	Good
5	96 – 101	5	Good

Rw – 18.8 Ohm mtr and Rm – 18.1 Ohm mtr

Note – Below 104 the quality of formation water is marginal to saline till log depth.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



