

Ref : MTL/WL/23-24/403

Date 14.08.2023

## **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	145 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	12.08.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	17 – 24	7	Good
2	33 – 47	14	Good
3	51 – 54	3	Good
4	60 – 63	3	Good

Rw – 20.6 Ohm mtr and Rm – 20.6 Ohm mtr

Note – The formation water quality is deteriorating below 66 MBGL till log depth.

For Geo-Technical Consultant,



Anand Kumar  
(Hydrogeologist)



Authorised Signatory



