

Ref : MTL/WL/24-25/717

Date : 12.08.2024

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. PMPL - BRCCPL (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	Madamai
Block	Rampur Sangramagrah
District	Pratapgrah, U.P.
Logged Depth	251.1 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	12.08.2024

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	25 – 28	3	Good to Moderate
2	155 – 158	3	Good to Moderate
3	201 – 204	3	Good
4	206 – 209	3	Good
5	217 – 221	4	Good
6	227 – 230	3	Good to Moderate
7	233 – 236	3	Good to Moderate

Rw – 14.45 Ohm mtr and Rm – 16.05 Ohm mtr

Note: Below 238 MBGL to Log Depth the formation water quality is moderate and 58 – 137 Clayey Sand.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



