

Ref : MTL/WL/24-25/720

Date : 29.09.2024

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	Katkawali
Block	Sadar
District	Pratapgrah, U.P.
Logged Depth	293 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	28.09.2024

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	33 – 38	5	Good
2	216 – 219	3	Good to Moderate
3	227 – 233	6	Good to Moderate
4	237 – 244	7	Good to Moderate
5	253 – 260	7	Good to Moderate
6	267 – 270	3	Good to Moderate
7	278 – 284	6	Good to Moderate

Rw – 14.7 Ohm mtr and Rm – 13.9 Ohm mtr

Note: All zones are highly intermixed with fine bands of kankar.

Quality of the formation water is deteriorating marginal to saline from 60 Mbgl to 190 Mbgl.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory

