

Ref : MTL/WL/23-24/654

Date : 28.12.2023

## 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	JAMRAVAN
Block	ASHOTHAR
District	FATEHPUR, U.P.
Logged Depth	169.4 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	28.12.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	6 – 9	3	Good to Moderate
2	40 – 44	4	Moderate
3	110 – 120	10	Good
4	146 – 153	7	Moderate

Rw – 13.7 Ohm mtr and Rm – 11.5 Ohm mtr

Note: The formation water is marginal to saline in between 52MBGL to 107 MBGL and below 162 MBGL to log depth also water quality is deteriorating.



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For Geo-Technical Consultant,



Authorised Signatory