

Ref : MTL/WL/23-24/419

Date : 17.08.2023

## 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	MANJHANPUR
Block	DHATA
District	FATEHPUR, U.P.
Logged Depth	151.4 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	16.08.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	31 – 37	6	Good
2	53 – 58	5	Good
3	63 – 70	7	Good
4	75 – 80	5	Good
5	82 – 87	5	Good
6	95 – 98	3	Good
7	115 – 118	3	Moderate

Rw – 24.0 Ohm mtr and Rm – 24.8 Ohm mtr

Note: Below 120 MGBL no proper granular zone encountered till log depth.

  
Anand Kumar  
(Hydrogeologist)

For Geo-Technical Consultant,

  
Authorised Signatory