

Ref : MTL/WL/23-24/547

Date : 23.10.2023

## **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	GOURA
Block	HATHAGAON
District	FATEHPUR, U.P.
Logged Depth	175.8 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	22.10.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	21 – 27	6	Good
2	59 – 63	4	Good
3	118 – 124	6	Good
4	128 – 148	20	Good to Moderate
5	158 – 164	6	Good

Rw – 13.9 Ohm mtr and Rm – 17.4 Ohm mtr

Note: The formation water is marginal to saline in between 85 MBGL to 106 MBGL.

  
Anand Kumar  
(Hydrogeologist)

For Geo-Technical Consultant,

  
Authorized Signatory

