

Ref : MTL/WL/23-24/508

Date : 04.10.2023

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	IRADATPUR
Block	HATHAGAON
District	FATEHPUR, U.P.
Drilling depth	185 MBGL
Logged Depth	179.4 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	03.10.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	22 – 25	3	Good to Moderate
2	35 – 41	6	Good
3	45 – 48	3	Good
4	50 – 55	5	Good
5	58 – 62	4	Good
6	64 – 70	6	Good
7	83 – 87	4	Moderate
8	94 – 100	6	Good to Moderate
9	107 – 110	3	Good to Moderate
10	122 – 126	4	Good
11	146 – 150	4	Good
12	155 – 166	11	Good

Rw – 16.2 Ohm mtr and Rm – 42.5 Ohm mtr

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


Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,


Authorized Signatory