

Ref : MTL/WL/23-24/367

Date : 31.07.2023

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	Haswa
Block	Haswa
District	Fatehpur, U.P.
Drilling Depth	185 Mtr BGL
Logged Depth	172.2 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	30.07.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	26 – 34	8	Good
2	37 – 41	4	Good
3	45 – 49	4	Good
4	55 – 59	4	Good
5	68 – 71	3	Good
6	98 – 105	7	Good
7	113 – 116	3	Good
8	120 – 125	5	Good
9	130 – 133	3	Good
10	139 – 143	4	Good
11	150 – 157	7	Good
12	160 – 163	3	Good


Rw – 18.8 Ohm mtr and Rm – 21.5 Ohm mtr

Note: Below 166 MBGL the formation water is deteriorating.



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(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory