



GEO - TECHNICAL  
CONSULTANT

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(Division of MACHTECH)

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Ref : MTL/WL/23-24/399

Date : 12.08.2023

## 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	SATO PEET
Block	HASWA
District	FATEHPUR, U.P.
Drilling depth	180 MBGL
Logged Depth	165.5 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	11.08.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	20 – 30	10	Good
2	33 – 36	3	Good
3	41 – 44	3	Good
4	53 – 59	6	Good
5	63 – 68	5	Good
6	79 – 83	4	Good to moderate
7	95 – 101	6	Good
8	106 – 110	4	Good
9	119 – 124	5	Good
10	129 – 132	3	Good

Rw – 37.1 Ohm mtr and Rm – 36.9 Ohm mtr

Note: Below 135 MBGL the formation water quality is deteriorating till log depth.

Anand Kumar  
(Hydrogeologist)

For Geo-Technical Consultant,

Authorised Signatory