



GEO - TECHNICAL
CONSULTANT

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(Division of MACHTECH)

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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	SARKANDI ZONE 5
Block	ASHOTHAR
District	FATEHPUR
Logged Depth	164.4 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	22.03.2024

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	74 – 77	3	Good
2	82 – 85	3	Good
3	89 – 93	4	Good
4	95 – 104	9	Good
5	106 – 110	4	Good
6	116 – 120	4	Moderate
7	124 – 127	3	Moderate

Rw – 11.8 Ohm mtr and Rm – 13.1 Ohm mtr

Note: Below 128 MBGL to log depth the formation water quality is deteriorating.


Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory