



GEO - TECHNICAL
CONSULTANT

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(Division of MACHTECH)

Plot no. 61 Vikaskung, Near Tower, Dibiyapur – 206244, District – Auraiya, Uttar
Pradesh (India)

E-mail: machteertools55@gmail.com , Mobile Number :- 9265018387

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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	AOREAI
Block	HASWA
District	FATEHPUR, U.P.
Drilling depth	185 MBGL
Logged Depth	176 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	19.08.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	30 – 35	5	Good
2	37 – 44	7	Good
3	57 – 66	9	Good
4	90 – 96	6	Good
5	100 – 107	7	Good
6	126 – 136	10	Good
7	140 – 145	5	Good
8	147 – 151	4	Good

Rw – 14.6 Ohm mtr and Rm – 16.0 Ohm mtr

Note: Below 154 MBGL the quality of the formation water is deteriorating till log depth.

Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,

Authorised Signatory