



GEO – TECHNICAL CONSULTANT

(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	BARAICHI
Block	VIJAIPUR
District	FATEHPUR
Logged Depth	173.4 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	08.02.2024

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	35 – 48	13	Good
2	63 – 67	4	Good
3	73 – 77	4	Good to Moderate
4	80 – 83	3	Good to Moderate
5	86 – 94	8	Good
6	98 – 103	5	Good
7	120 – 123	3	Good
8	125 – 128	3	Good
9	155 – 160	5	Good

Rw – 41.5 Ohm mtr and Rm – 32.6 Ohm mtr

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


Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,


Authorised Signatory