



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	SHAHIPUR
Block	Haswa
District	Fatehpur, U.P.
Drilling depth	180 MBGL
Logged Depth	175.1 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	10.08.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	26 – 30	4	Good
2	35 – 44	9	Good
3	48 – 51	3	Good
4	66 – 74	8	Good
5	108 – 111	3	Good
6	115 – 118	3	Good to Modrate
7	137 – 146	9	Good
8	150 – 153	3	Good

Rw – 35.9 Ohm mtr and Rm – 35.2 Ohm mtr

Note: the formation water quality is deteriorating below 164 MBGL to till log depth.

Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,

Authorised Signatory