



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	JAMRAVAN
Block	BHITAURA
District	FATEHPUR, U.P.
Logged Depth	208.2 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	05.11.2023

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 – 25	5	Moderate
2	108 – 123	15	Good
3	146 – 153	7	Moderate
4	156 – 162	6	Moderate
5	195 – 201	6	Good

Rw – 26.4 Ohm mtr and Rm – 15.9 Ohm mtr

Note: All zones are intermixed with fine bands of Kankar. The formation water is marginal to saline in between 36 MBGL to 102 MBGL.

Anand Kumar  
(Hydrogeologist)

For Geo-Technical Consultant,

Authorised Signatory