

# 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	RAHUALLPUR
Block	DHATA
District	FATEHPUR, U.P.
Drilling depth	185 MBGL
Logged Depth	171 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	18.08.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	37 – 41	4	Good
2	55 – 59	4	Good to Moderate
3	61 – 65	4	Good to Moderate
4	85 – 88	3	Good to Moderate
5	92 – 97	5	Good to Moderate
6	111 – 116	5	Good
7	118 – 121	3	Good to Moderate
8	139 – 142	3	Good
9	147 – 150	3	Good to Moderate
10	154 – 157	3	Good
11	161 – 166	5	Good

Rw – 13.0 Ohm mtr and Rm – 26.2 Ohm mtr

Note: Below 166 MGBL no proper granular zone encountered till log depth.

  
Anand Kumar  
(Hydrogeologist)



For Geo-Technical Consultant,

  
Authorised Signatory