

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	RAKSHPALPUR
Block	VIJAIPUR
District	FATEHPUR
Logging Depth	165.6 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	21.02.2024

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	17 – 23	6	Good
2	36 – 40	4	Good
3	49 – 52	3	Good
4	55 – 65	10	Good
5	86 – 94	8	Good
6	100 – 103	3	Good
7	107 – 114	7	Good

Rw – 21.3 Ohm mtr and Rm – 20.2 Ohm mtr

Note: Below 121 MBGL not found proper granular zone to till log depth.

For Geo-Technical Consultant,



Authorised Signatory



Anand Kumar
(Hydrogeologist)