

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	LALLULY
Block	ASHOTHER
District	FATEHPUR
Logging Depth	164.7 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	16.01.2024

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	44 – 53	8	Good to Moderate
2	80 – 90	10	Good
3	100 – 107	7	Good
4	109 – 113	4	Good

Rw – 22.5 Ohm mtr and Rm – 17.3 Ohm mtr

Note: Below 115 MBGL not found proper granular zone to till log depth.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory