

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	SONHI
Block	HASWA
District	FATEHPUR, U.P.
Drilling depth	180 MBGL
Logged Depth	174.3 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	27.09.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	41 – 64	23	Good
2	91 – 97	6	Good
3	107 – 110	3	Good to Moderate
4	115 – 119	4	Good
5	132 – 138	6	Good
6	141 – 145	4	Good

Rw – 68.1 Ohm mtr and Rm – 28.2 Ohm mtr

Note: Below 146 MBGL no proper granular zone encountered till log depth.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory