

GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

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Ref : MTL/WL/23-24/502

Date : 01.10.2023

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	KHASMAU
Block	VIJAIPUR
District	FATEHPUR, U.P.
Drilling depth	180 MBGL
Logged Depth	176.7 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	30.09.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	39 – 52	13	Good
2	97 – 100	3	Good to moderate
3	110 – 113	3	Good
4	126 – 129	3	Good to moderate
5	145 – 157	12	Good

Rw – 13.0 Ohm mtr and Rm – 18.2 Ohm mtr

Note: All zones are intermixed with fine bands of kankar and Below 153MBGL no proper granular zone encountered till log depth.


Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,


Authorized Signatory