

GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

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Ref : MTL/WL/24-25/724

(T. W. - 01)

Date : 05.11.2024

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.

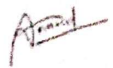
Village Name	Ishipur
Block	Sadar
District	Pratapgrah, U.P.
Logged Depth	267 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	30.10.2024

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	24 - 27	3	Good
2	42 - 48	6	Good
2	227 - 232	5	Good to Moderate
3	235 - 241	6	Good to Moderate
4	247 - 250	3	Good to Moderate

Rw:- 13.8 Ω m Rm:- 12.6 Ω m

Note- All zones are intermixed with fine bands of kankar. Quality of the formation water is moderate to saline from 62 Mbgl 211 Mbgl.


Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,


Authorised Signatory