



## 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	Pithanpur
Block	Kalakankar
District	Pratapgrah, U.P.
Logged Depth	260 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	11.10.2024

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	25 – 30	5	Good
2	54 – 62	8	Good
3	150 – 160	10	Moderate
4	189 – 195	6	Good to Moderate
5	205 – 219	14	Good to Moderate
6	223 – 230	7	Good to Moderate

Rw – 15.6 Ohm mtr and Rm – 14.4 Ohm mtr

Anand Kumar  
(Hydrogeologist)

For Geo-Technical Consultant,

Authorised Signatory