

## GEO – TECHNICAL CONSULTANT

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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	Saruaava
Block	Sangipur
District	Pratapgrah, U.P.
Logged Depth	293 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	28.10.2024

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	27 – 31	4	Good
3	225 – 242	17	Good to Moderate

Rw:- 12.30  $\Omega$ m Rm:- 11.85  $\Omega$ m

Note- All zones are intermixed with fine bands of kankar. Quality of the formation water is moderate to saline from 38 Mbgl to 103 Mbgl.



Anand Kumar  
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory