



GEO - TECHNICAL  
CONSULTANT

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(Division of MACHTECH)

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Ref : MTL/WL/23-24/326

Date 13.07.2023

## **REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE**

A deep borehole was drilled by working agency M/s. Kalpataru Projects International Limited 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	Annawan
Block	Lalganj
District	Pratapgarh, U.P.
Logged Depth	272.1 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	12.07.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	56 – 60	4	Good
2	90 – 98	8	Good
3	155 – 162	7	Good
4	166 – 170	4	Good
5	182 – 188	6	Good
6	204 – 210	6	Good

Rw – 34.6 Ohm mtr and Rm – 16.1 Ohm mtr

Note: Below 215 MBGL no proper granular zones encountered till log depth.

For Geo-Technical Consultant,

Authorised Signatory