



GEO - TECHNICAL
CONSULTANT

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(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. 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	DANDI
Block	LAXMANPUR
District	PRATAPGARH, U.P.
Logged Depth	288.4 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	13.08.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	11 – 14	3	Good to Moderate
2	19 – 22	3	Good to Moderate
3	25 – 29	4	Good to Moderate
4	37 – 40	3	Moderate
5	185 – 190	5	Moderate
6	227 – 230	3	Moderate
7	237 – 240	3	Moderate
8	250 – 255	5	Moderate

Rw – 17.0 Ohm mtr and Rm – 13.3 Ohm mtr

Note: The formation water is marginal to saline in between 60 to 165 MBGL and below 257 MBGL the water quality is deteriorating till log depth.

Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,

Authorised Signatory