



GEO - TECHNICAL
CONSULTANT

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(Division of MACHTECH)

Plot no. 61 Vikaskung, Near Tower, Dibiyapur – 206244, District – Auraiya, Uttar Pradesh (India)

E-mail: machteertools55@gmail.com, Mobile Number :- 9265018387

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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	Rampur khas
Block	Rampur Sangramgarh
District	Pratapgarh, U.P.
Logged Depth	287.1 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	31.07.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	36 – 45	9	Good
2	82 – 86	4	Good
3	125 – 131	6	Good to moderate
4	193 – 198	5	Moderate
5	207 – 216	9	Good
7	251 – 256	5	Moderate

Rw – 17.1 Ohm mtr and Rm – 24.3 Ohm mtr

Note: Below 260 MBGL formation water is deteriorating till log depth.

Anand Kumar

(Hydrogeologist)

For Geo-Technical Consultant,

Authorised Signatory