



GEO - TECHNICAL
CONSULTANT

GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

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

E-mail: machtechtools55@gmail.com, Mobile Number :- 9265018387

Ref : MTL/WL/23-24/283

Date 19.06.2023

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	Kashipur
Block	Kalalankar
District	Pratapgarh, U.P.
Logged Depth	264.4 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	18.06.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	23 – 30	7	Good
2	41 – 48	7	Good
3	182 – 186	4	Good
4	196 – 201	5	Good
5	207 – 210	3	Good
6	215 – 232	17	Good
7	250 – 255	5	Moderate

Rw – 18.4 Ohm mtr and Rm – 12.5 Ohm mtr

NOTE: THE FORMATION WATER QUALITY IS DETERIORATING IN BETWEEN 68-163MBGL.

PREDOMINANT CLAY KANKAR INTERCALATION PRESENT IN BETWEEN 163-173MBGL.

For Geo-Technical Consultant,

Authorised Signatory

- Logging performed as per SWSM guidelines
 - Groundwater quality interpreted by form as per their logger calibration
 GSA
 19/06/23