

Ref : MTL/WL/23-24/441

Date 23.08.2023

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	SANGRAMGARH
Block	RAMPUR SANGRAMGARH,
District	PRATAPGARH, U.P.
Logged Depth	287.2 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (5N), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	22.08.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	13 - 19	6	Good
2	26 - 31	5	Good
3	40 - 49	9	Good
4	62 - 65	3	Good
5	90 - 101	11	Good
6	180 - 192	12	Good
7	200 - 210	10	Good

Rw - 11.9 Ohm mtr and Rm - 23.1 Ohm mtr

Note: Below 240 MBGL the quality of formation water is marginal to saline till log depth.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory