

Ref : MTL/WL/23-24/287

Date 20.06.2023

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	Redi
Block	Laxampur
District	Pratapgarh, U.P.
Logged Depth	208.2 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	JGIS
Logging Date	19.06.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	17 – 21	4	Moderate
2	27 – 31	4	Moderate
3	89 – 96	7	Moderate
4	100 – 104	4	Moderate

~~Rw = 16.1 Ohm mtr and Rm = 17.0 Ohm mtr~~

Note: The formation water quality is deteriorating from marginal to saline below 119MBGL to till depth logged.

For Geo-Technical Consultant,



Authorised Signatory

*Logging performed as per SWSM guidelines
Groundwater quality interpreted by firm as per their logger calibration
G.Sh
20/06/23*