

Ref : MTL/WL/23-24/335

Date 18.07.2023

## **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	Maghi
Block	Babaganj
District	Pratapgarh, U.P.
Logged Depth	285.9 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	17.07.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	24 – 31	7	Good
2	82 – 94	12	Good
3	97 – 100	3	Good
4	104 – 109	5	Good
5	113 – 119	6	Good
6	137 – 140	3	Good
7	160 – 165	5	Good
8	168 – 172	4	Good
9	175 – 180	5	Good
10	195 – 198	3	Good
11	203 – 207	4	Good

Rw – 11.9 Ohm mtr and Rm – 21.4 Ohm mtr

Note: No proper granular zone encountered below 220 MBGL till log depth.

For Geo-Technical Consultant,



Authorised Signatory



