

Ref : MTL/WL/23-24/253

Date : 11.06.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. M/s. GAYATRI RAMKY (JV) as a part of their scope of work of development of Tuhewell under Jal Jeewan Mission Project of SWSM, MTL conducted a Geophysical Continuous logging in the above borehole.

Village Name	Ikari
Block	Bhetua
District	Amethi, U.P.
Logged Depth	171.6 MBGL
Type of Log	Continuous well logger (SP, N1G (SN), NG4 (IN) & LAT)
Machine Used	IGIS
Logging Date	10.06.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	15 – 18	3	Good
2	30 – 33	3	Good
3	46 – 52	6	Good
4	61 – 65	4	Good
5	75 – 82	7	Good
6	110 – 114	4	Good

Rw – 12.3 Ohm mtr and Rm – 13.0 Ohm mtr

Note: Below 141 MBGL the quality of the formation water is marginal to saline till log depth.

- Logging performed as per SWSM guidelines
- Groundwater quality interpreted by firm as per their logger calibration

GSh
13/06/23

For Geo-Technical Consultant,



Authorised Signatory