

Ref : MTL/WL/23-24/236

Date : 05.06.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. M/s. VTL- GAJA (JV) 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	Kusumbhi 2
Block	Singhpur
District	Amethi, U.P.
Logged Depth	158.8 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	04.06.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	53 – 57	4	Good
2	65 – 72	7	Good

Rw – 10.7 Ohm mtr and Rm – 11.5 Ohm mtr

Note: Below 80 MBGL the quality of the formation water is deteriorating till log depth.

- Logging performed as per SWSM guidelines
 - Ground water quality interpreted by firm as per their logger calibration
 G.Sh
 07/06/23.

For Geo-Technical Consultant,



Authorised Signatory