

Ref : MTL/WL/23-24/56

Date : 20.04.2023

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	Misharauli
Block	Jagdishpur
District	Amethi, U.P.
Logged Depth	159.2 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	19.04.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	25 – 42	17	Good
2	80 – 90	10	Good
3	102 – 107	5	Good to Moderate

Rw = 16.2 Ohm mtr and Rm = 16 Ohm mtr

- logging performed as per SWSM guidelines
- Ground water quality interpreted by formula as per their logger calibration

For Geo-Technical Consultant,



Authorised Signatory

G.Sh
20/04/23