

Ref : MTL/WL/23-24/228

Date : 04.06.2023

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 Tubewell under Jal Jeevan Mission Project of SWSM, MTL conducted a Geophysical Continuous logging in the above borehole.

Village Name	Shivgarh Jalalpur
Block	Bhetua
District	Amethi, U.P.
Logged Depth	150.8 mtr BGL
Type of Log	Continuous well logger (SP, N1G (SN), N64 (IN) & IAT)
Machine Used	GEIS
Logging Date	03.06.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	16 – 20	4	Good
2	29 – 33	4	Good
3	49 – 63	14	Good

Rw 16.2 Ohm mtr and Rm 17.7 Ohm mtr

Note: Below 72 MDCL the quality of the formation water is deteriorating till log depth.

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

GSh
06/06/23

For Geo Technical Consultant,



Authorised Signatory