

Ref : MTL/WL/23-24/213

Date : 01.06.2023

## 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	Khara 2
Block	Singhpur
District	Amethi, U.P.
Logged Depth	161.4 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	31.05.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
<del>1</del>	37 – 45	8	Good
<del>2</del>	59 – 63	4	Good
<del>3</del>	69 – 73	4	Good

~~Rw – 16.3 Ohm mtr and Rm – 18.9 Ohm mtr~~

Note: Below 78 MBGL the quality of the formation water is poor.

- Logging performed as per SWSM guidelines
  - Groundwater quality interpreted by firm as per their logger calibration
- G. Gh  
01/06/23

For Geo-Technical Consultant,



Authorised Signatory