

Ref : MTL/WL/22-23/177

Date 21.03.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency 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	BASANTPUR
Block	TILOI
District	AMETHI, U.P.
Logged Depth	164.58 Mtr BGL <i>160 mbgl</i>
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	20.03.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	35 – 41	6	Good
2	45 – 48	3	Good

Rw – ~~11.4~~ Ohm mtr and Rm – ~~15.8~~ Ohm mtr

Note: Below 60 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

For Geo-Technical Consultant,



Authorised Signatory

G.Ch
21/03/23