



GEO - TECHNICAL  
CONSULTANT

# GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

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Ref : MTL/WL/23-24/157

Date : 17.05.2023

## 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	Loharta
Block	Amethi
District	Amethi, U.P.
Logged Depth	126.2 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	16.05.2023

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>	21 – 25	4	Good
<del>2</del>	63 – 70	7	Good
<del>3</del>	101 – 105	4	Moderate

Rw – ~~14.3~~ Ohm mtr and Rm – ~~12.4~~ Ohm mtr

- Logging performed as per SWSM guidelines.
  - Groundwater quality interpreted by firm as per their logger calibration.
- G.Sh  
17/05/23

For Geo-Technical Consultant,

Authorised Signatory