

GEO - TECHNICAL  
CONSULTANT**GEO – TECHNICAL CONSULTANT**

(Division of MACHTECH)

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Ref : MTL/WL/23-24/28

Date 11.04.2023

**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 scope of work of development of Tubewell under Jal Jeevan Mission Project of SWSM, conducted a Geophysical Continuous logging in the above borehole.

Village Name	RASULABAD
Block	MUSAFIRKHANA
District	AMETHI, U.P.
Logged Depth	155.2 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	10.04.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	20 – 26	6	Good
2	62 – 69	7	Good
3	76 – 83	7	Good

Rw –16.0 Ohm mtr and Rm –17.6 Ohm mtr

Note: Below 105 MBGL the quality of the formation water is marginal to saline till log depth.

For Geo-Technical Consultant

Authorised Signatory