



GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

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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	Bharetha
Block	Bhetua
District	Amethi, U.P.
Logged Depth	156.3 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	03.05.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	32 – 36	4	Good
2	53 – 63	10	Good
3	71 – 75	4	Good to moderate
4	86 – 93	7	Good to moderate

~~Rw – 13.1 Ohm mtr and Rm – 13.4 Ohm mtr~~

Note: No proper granular zones encountered below 100 MBGL.

- Logging performed as per SWSM guidelines for Geo-Technical Consultant,
- Groundwater quality interpreted by firm as per their logger calibration.

Authorised Signatory

G. Sh
04/05/23