



GEO - TECHNICAL
CONSULTANT

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(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	Bhimi 2
Block	Bhetua
District	Amethi, U.P.
Logged Depth	150 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	01.05.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	15 – 19	4	Good
2	29 – 33	4	Good
3	49 – 55	6	Good
4	76 – 81	5	Good to moderate
5	106 – 110	4	Moderate

~~Rw – 17.7 Ohm mtr and Rm – 18.7 Ohm mtr~~

Note: Below 120 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

G. Gh
02/06/23

For Geo-Technical Consultant,

Authorised Signatory