



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	Misarauli Badgaon
Block	Sangrampur
District	Amethi, U.P.
Logged Depth	162.6 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
1	15 – 22	7	Good
2	30 – 34	4	Good
3	77 – 85	8	Good

~~Rw – 17.2 Ohm mtr and Rm – 17.9 Ohm mtr~~

Note: The formation of water is deteriorating between 45 - 66 MGBL and below 95 MBGL.

- 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