

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	Barsanda 2
Block	Shukul bazar
District	Amethi, U.P.
Logged Depth	159.3 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	21.04.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	16 – 24	8	Good
2	30 – 43	13	Good
3	49 – 53	4	Good
4	74 – 80	6	Good
5	92 – 97	5	Good

Rw – 19.5 Ohm mtr and Rm – 16.2 Ohm mtr

Note: No proper granular zones encountered below 100 MBGL.

- Logging performed as per SWSM guidelines
- Groundwater quality interpreted by firm as per their logger calibration

For Geo-Technical Consultant,



Authorised Signatory

G. Sh.
24/04/23