

Ref : MTL/WL/23-24/608

Date : 06.12.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s Welspun India Limited 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	SHAHBAJPUR
Block	GAURIGANJ
District	AMETHI, U.P.
Logged Depth	400.1 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	06.12.2023

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 – 20	5	Good
2	31 – 37	6	Good to Moderate
3	42 – 45	3	Good
4	246 – 256	10	Moderate
5	284 – 294	10	Good
6	310 – 322	12	Good
7	333 – 342	9	Good
8	360 – 368	8	Good
9	371 – 380	9	Good
10	383 – 389	6	Good

Rw – 17.9 Ohm mtr and Rm – 24.0 Ohm mtr

Note: Below 60 MBGL to 242 MGBL the formation water quality is marginal to saline.



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