

Ref : MTL/WL/23-24/555

Date 26.10.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency 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	KATRA PHOOL KUWAR
Block	AMETHI
District	AMETHI
Drilled Depth	370 MBGL
Logged Depth	348.2 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	25.10.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	10 – 22	12	Good to Moderate
2	31 – 34	3	Moderate
3	38 – 41	3	Moderate
4	141 – 148	7	Moderate
5	156 – 160	4	Moderate
6	231 – 235	4	Moderate to Marginal
7	282 – 288	6	Moderate to Marginal
8	292 – 295	3	Moderate to Marginal
9	302 – 312	10	Moderate

Rw – 15.1 Ohm mtr and Rm – 15.1 Ohm mtr



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For Geo-Technical Consultant,



Authorised Signatory



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