

Ref : MTL/WL/23-24/521

Date 09.10.2023

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	PUNNPUR 2
Block	SANGRAMPUR
District	AMETHI
Drilled Depth	390 MBGL
Logged Depth	348.6 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	08.10.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	19 – 24	5	Good
2	80 – 83	3	Moderate
3	153 – 160	7	Good to Moderate
4	215 – 227	12	Good to Moderate
5	251 – 269	18	Good to Moderate

Rw – 10.2 Ohm mtr and Rm – 12.1 Ohm mtr

Note –Below 270 MBGL no proper granular zone encountered till log depth.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory



