

Ref : MTL/WL/23-24/632

Date 20.12.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. GAYATRI- RAMKY (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.

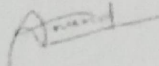
Village Name	PURE Badyrai
Block	BAHADURPUR
District	AMETHI
Logging Depth	384.2 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	19.12.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	23 – 31	8	Good
2	37 – 40	3	Good
3	250 – 258	8	Good
4	292 – 305	13	Good to Moderate
5	329 – 333	4	Good
6	336 – 340	4	Good
7	346 – 349	3	Good
8	353 – 360	7	Good

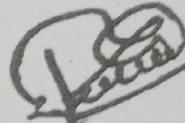
Rw – 22.2 Ohm mtr and Rm – 23.4 Ohm mtr

Note – The formation water is marginal to saline in between 52 MBGL to 245 MBGL and 260 MBGL – 290 MBGL.



Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory