

Date 27.11.2023

Ref : MTL/WL/23-24/593

## 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.

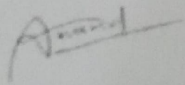
Village Name	SIMBASI
Block	BAHADURPUR
District	AMETHI
Logging Depth	160.3 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	26.11.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	14 – 20	6	Good
2	33 – 38	5	Good to Moderate
3	45 – 49	4	Good to Moderate
4	56 – 60	4	Good
5	71 – 74	3	Moderate
6	86 – 98	12	Good

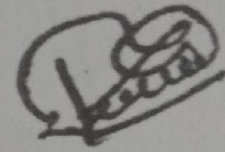
Rw – 16.6 Ohm mtr and Rm – 11.6 Ohm mtr

Note – Below 104 MBGL the formation water quality is saline to till log depth.



Anand Kumar  
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory