

Ref : MTL/WL/22-23/192

Date 27.03.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. 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	NAWADA
Block	MUSAFIRKHANA
District	AMETHI, U.P.
Logged Depth	164.4 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	26.03.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	24 – 31	7	Good
2	42 – 46	4	Good
3	56 – 63	7	Good
4	72 – 80	8	Good

~~Rw – 13.8 Ohm mtr and Rm – 12.3 Ohm mtr~~

Note: Below 101 MBGL the quality of the formation water is marginal to saline till log depth.

- logging performed as per
SWSM guidelines.
- Groundwater quality
interpreted by fermas
per their logger
calibration

For Geo-Technical Consultant,



Authorised Signatory

GSh
28/03/23