

Ref : MTL/WL/22-23/187

Date 25.03.2023

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.

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|--------------|---|
| Village Name | MUHIDEENPUR |
| Block | MUSAFIRKHANA |
| District | AMETHI, U.P. |
| Logged Depth | 158.1 Mtr BGL |
| Type of Log | Continuous well logger (SP, N16 (SN), N64 (LN) & LAT) |
| Machine Used | IGJS |
| Logging Date | 24.03.2023 |

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

| Sr. No. | Depth Range (mtr BGL) | Thickness (mtr) | Expected Quality |
|---------|-----------------------|-----------------|------------------|
| 1 | 25 – 32 | 7 | Good |

Rw – 16.3 Ohm mtr and Rm – 17.5 Ohm mtr

Note: Below 36 MBGL the quality of the formation water is marginal to saline till log depth.

- Logging performed as per SWSM guidelines.
- Groundwater quality interpreted by form as per their logger calibration

For Geo-Technical Consultant,



Authorised Signatory

G.Sh
27/03/23