

Ref : MTL/WL/23-24/123

Date : 09.05.2023

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 | Gaimau |
| Block | Jagdishpur |
| District | Amethi, U.P. |
| Logged Depth | 167.1 Mtr BGL |
| Type of Log | Continuous well logger (SP, N16 (SN), N64 (LN) & IAT) |
| Machine Used | IGIS |
| Logging Date | 08.05.2023 |

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 – 34 | 9 | Good |
| 2 | 38 – 44 | 6 | Good |
| 3 | 53 – 57 | 4 | Good to moderate |
| 4 | 121 – 131 | 10 | Good to moderate |

Rw – 12.5 Ohm mtr and Rm – 16.2 Ohm mtr

Note: In between 65-114 and below 138 MBGL marginal to saline.

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

GSh
09/05/23

For Geo-Technical Consultant,



Authorised Signatory