

## GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

Plot no. 61 Vikaskung, Near Tower, Dibiyapur – 206244, District – Auraiya, Uttar Pradesh (India)

E-mail: [machtechtools55@gmail.com](mailto:machtechtools55@gmail.com), Mobile Number :- 9265018387

Ref : MTL/WL/23-24/265

Date : 14.06.2023

### 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	Khajuri
Block	Gauriganj
District	Amethi, U.P.
Logged Depth	340.1 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	13.06.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
<del>1</del>	20 – 28	8	Good
<del>2</del>	72 – 75	3	Good
<del>3</del>	80 – 87	7	Good
<del>4</del>	130 – 140	10	Good

Rw = 23.0 Ohm mtr and Rm = 21.4 Ohm mtr

Note: Below 158 MBGL the quality of the formation water is marginal to saline till log depth.

For Geo-Technical Consultant,



Authorised Signatory

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

GSh  
14/06/23