

Ref : MTL/WL/23-24/97

Date : 03.05.2023

## 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.

Village Name	Bagahi
Block	Jagdishpur
District	Amethi, U.P.
Logged Depth	<del>151.4 Mtr BGL</del>
Type of Log	<del>Continuous well logger (SP, N16 (SN), N64 (LN) &amp; LAT)</del>
Machine Used	<del>IGIS</del>
Logging Date	02.05.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
<del>1</del>	26 – 49	33	Good
<del>2</del>	66 – 71	5	Good

~~Rw – 16.5 Ohm mtr and Rm – 16.7 Ohm mtr~~

Note: Below 88 MBGL the quality of the formation water is marginal to saline till log depth.

– Logging performed as per SWSM guidelines. For Geo-Technical Consultant,  
– Groundwater quality interpreted by firm as per their logger calibration



Authorised Signatory

G.Sh  
03/05/23