

Ref : MTL/WL/23-24/174

Date : 21.05.2023

## REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. M/s. GAYATRI- RAMKY (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	Balipur
Block	Bhetua
District	Amethi, U.P.
Logged Depth	164.2 <del>Mtr</del> BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & <del>LAT</del> )
Machine Used	<del>IGIS</del>
Logging Date	20.05.2023

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>	34 – 40	6	Good
<del>2</del>	50 – 53	3	Good
<del>3</del>	57 – 60	3	Good
<del>4</del>	75 – 85	10	Good

~~Bw~~ – 17.4 Ohm mtr and ~~Rm~~ – 15.8 Ohm mtr

Note: Below 90 MBGL the quality of the formation water is deteriorating till log depth.

- Logging performed as per SWSM guidelines  
 - Groundwater quality interpreted by firm as per their logger calibration |  
 Gish  
 22/05/23

For Geo-Technical Consultant,



Authorised Signatory