

**REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE**

A deep borehole was drilled by working agency M/s. PMPL - BRCCPL (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	Arampur Basai
Block	Airayan
District	Fatehpur, U.P.
Logged Depth	165.5 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	JGRS
Logging Date	06.06.2023

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>	44 - 49	5	Good
<del>2</del>	82.81 - 87.86	5.04	Good
<del>3</del>	89 - 92	3	Good
<del>4</del>	98 - 102	4	Good
<del>5</del>	117 - 127	10	Good

R<sub>w</sub> - 13.1 Ohm mtr and R<sub>fn</sub> - 17.8 Ohm mtr

Note: No proper granular zones encountered below 127 MBGL to till depth logged.

For Geo-Technical Consultant,

Authorized Signatory

- Logging performed as per SWSM guidelines  
 - Ground water quality interpreted by firm as per their logger calibration  
 GSh  
 07/06/23.