

# GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

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## 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	Gharwasipur
Block	Dhatta
District	Fatehpur, U.P.
Drilling Depth	172 Mtr BGL
Logged Depth	137.8 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	28.07.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	46 – 55	9	Good
2	59 – 76	17	Good
3	98 – 101	3	Moderate

Rw – 15.4 Ohm mtr and Rm – 18.9 Ohm mtr

Note: Below 102 MBGL the formation water is deteriorating till log depth.

  
Anand Kumar  
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory

