

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.

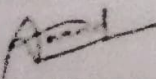
Village Name	BARAHATA
Block	DHATA
District	FATEHPUR, U.P.
Logged Depth	148.5 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	21.12.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	35 – 40	5	Good
2	45 – 53	8	Good
3	55 – 60	5	Good
4	65 – 69	4	Good
5	80 – 85	5	Good
6	89 – 92	3	Good
7	101 – 105	4	Good

Rw – 17.2 Ohm mtr and Rm – 23.3 Ohm mtr

Note: Below 111 MBGL no proper granular zone encountered till log depth.


Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,


Authorised Signatory

