

# GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

Plot no. 61 Vikaskung, Near Tower, Dibiyapur – 206244, District – Auraiya, Uttar Pradesh (India)

E-mail: [machteertools55@gmail.com](mailto:machteertools55@gmail.com) , Mobile Number :- 9265018387

Ref : MTL/WL/23-24/669

Date 08.01.2024

## 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	KHAKHRERU
Block	VIJAIPUR
District	FATEHPUR
Logging Depth	155.6 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	07.01.2024

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	37 – 40	3	Good
2	45 – 51	6	Good
3	61 – 68	7	Good
4	84 – 88	4	Good
5	94 – 99	5	Good

Rw – 19.8 Ohm mtr and Rm – 21.9 Ohm mtr

Note: Below 102 MBGL not found proper granular zone to till log depth.



Anand Kumar  
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory