

GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

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

E-mail: machteertools55@gmail.com , Mobile Number :- 9265018387

Ref : MTL/WL/23-24/427

Date : 19.08.2023

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	ALAMPUR GAURIYA
Block	DHATA
District	FATEHPUR, U.P.
Drilling depth	173 MBGL
Logged Depth	169.5 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	18.08.2023


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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	9 – 18	9	Good to Moderate
2	50 – 58	8	Good
3	60 – 65	5	good
4	80 – 91	11	Good
5	97 – 100	3	Good
6	103 – 107	4	Good
7	110 – 113	3	Good
8	115 – 122	7	Good
9	128 – 131	3	Good to Moderate

Rw – 11.5 Ohm mtr and Rm – 19.0 Ohm mtr

Note: Below 144 MBGL the quality of the formation water is deteriorating till log depth.

For Geo-Technical Consultant,


Anand Kumar
(Hydrogeologist)


Authorised Signatory