

GEO - TECHNICAL CONSULTANT

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Ref: MTL/WL/23-24/412

Date: 16.08.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. PMP - BRCEPL (IV) 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	SANGRAMPUR
Block	VIIAIPURA
District	FATEHPUR, U.P
Drilling depth	180 MBGL
Logged Depth	176.4 MBGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	14.08.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	30 - 35	5	Good
2	41 - 47	6	Good
3	97 - 105	8	Good
4	115 - 119	4	Good
5	125 - 132	7	Good

R_w - 18.5 Ohm mtr and R_m - 13.3 Ohm mtr

Note: The formation water is saline in between 52 - 79 MBGL and below 137 MBGL no proper granular zone encountered till log depth.

For Geo-Technical Consultant,

Anand Kumar
(Hydrogeologist)



Authorised Signatory