

Ref : MTL/WL/22-23/154

Date 02.03.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. GVPR ENGINEERING LIMITED 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	BAHISAR
Block	UMARDA
District	KANNAUJ, U.P.
Logged Depth	187.5 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	01.02.2023

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

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	37 – 40	3	Good
2	48 – 54	6	Good
3	62 – 66	4	Good
4	107 – 111	4	Good
5	113 – 117	4	Good
6	119 – 123	4	Moderate
7	170 – 174	4	Moderate
8	179 – 183	4	Good

Rw – 20.5 Ohm mtr and Rm – 17.4 Ohm mtr

Note: Between 130 MBGL – 160 MGBL the ground water quality is deteriorated.

Logging performed as per SWSM guidelines.
Groundwater quality interpreted by form as per their logger calibration

For Geo-Technical Consultant,



Authorised Signatory

G. Sh.
03/03/23



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