

Ref : MTL/WL/22-23/ 99

Date 23.10.2022

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. GVPR Engineers Limited as a part of their scope of work of development of Tubewell under Jal Jeevan Mission Project of SWSM, MTL conducted a Geophysical Resistivity logging in the above borehole.

Village Name	Arifpur
Block	Saurikh
District	Kannauj, U.P.
Drilling Depth	200 Mtr BGL
Logged Depth	199.3 Mtr BGL
Type of Log	S.P & Resistivity
Machine Used	IGIS
Logging Date	23.10.2022

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

Sr. No.	Depth Range(mtr BGL)	Thickness (mtr)	Expected Litholog	Expected Quality
1	0 – 9		Top soil	
2	10 – 19	9	Medium to fine Sand	Good
3	20 – 21		Sand with Clay	
4	22 – 31	9	Medium to fine Sand	Good
5	32 – 34		Sand with Clay	
6	35 – 42	7	Medium to fine Sand	Good
7	43 – 48		Sand with Clay	
8	49 – 51		Clay with Silt	
9	52 – 56	4	Medium Sand	Good
10	57 – 59		Sand with Clay	
11	60 – 71		Clay with Kankar	
12	72 – 87	15	Medium to fine Sand	Good
13	88 – 100		Clay with Silt	
14	101 – 106	5	Medium Sand	Good
15	107 – 110		Clay with Silt	
16	111 – 116	5	Medium Sand	Good
17	117 – 120.5		Clay	
18	121 – 125	4	Medium Sand	Good
19	126 – 133		Clay	
20	134 – 144	10	Medium Sand	Good
21	145 – 161		Clay with Kankar	
22	162 – 174		Clay with Silt	
23	175 – 199.3		Clay	



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