

Ref : MTL/WL/22-23/ 19

Date 09.09.2022

## 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	Rohli
Block	Talgram
District	Kannauj, U.P.
Drilling Depth	200 Mtr BGL
Logged Depth	199.6 Mtr BGL
Type of Log	S.P & Resistivity
Machine Used	IGIS
Logging Date	09.09.2022

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	7 - 14		Sand With Clay	
2	15 - 23	8	Fine Sand	Good
3	24 - 30		Sand With Kankar	
4	30 - 34	4	Fine Sand	Good
5	35 - 47		Silty Sand	
6	47 - 50		Clay	
7	51 - 58	7	Medium Sand	Good to Moderate
8	59 - 85		Clay	
9	85 - 106		Clay With Kankar	
10	107 - 112	5	Medium Sand	Good to Moderate
11	113 - 133		Kankar	
12	134 - 180		Clay	
13	181 - 187		Silty Clay	
14	188 - 199.6		Clay	

