



GEO - TECHNICAL
CONSULTANT

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(Division of MACHTECH)

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

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Ref : MTL/WL/22-23/ 87

Date 19.10.2022

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	Jalalpur Katri Banger
Block	Kannauj
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	19.10.2022

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 – 20		Top soil	
2	21 – 30		Sand with Clay	
3	31 – 56	25	Medium to fine Sand	Good
4	57 – 71		Clay with Silt	
5	72 – 79	7	Medium Sand	Good
6	80 – 84		Clay with Kankar	
7	85 – 106	21	Medium Sand	Good
8	107 – 108		Clay	
9	109 – 123	14	Medium Sand	Good
10	124 – 156		Clay with Silt	
11	157– 164	7	Medium Sand with Kankar	Good
12	165 – 184		Clay with Silt	
13	185 – 199.3		Clay	



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