



GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

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

E-mail: machteertools55@gmail.com , Mobile Number :- 9265018387

Ref : MTL/WL/22-23/ 64

Date 04.10.2022

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	Bhagwantpur
Block	Chhibramau
District	Kannauj , U.P.
Drilling Depth	200 Mtr BGL
Logged Depth	199 Mtr BGL
Type of Log	S.P & Resistivity
Machine Used	IGIS
Logging Date	04.10.2022

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 – 5		Top Soil	
2	6 – 10		Sand with Clay	
3	11 – 18	7	Fine Sand	Good
4	19 – 31		Sand with Clay	
5	32 – 39	7	Fine Sand	Good
6	40 – 43		Clay	
7	44 – 73	30	Fine Sand	Good
8	74 – 76		Sand with Clay	
9	77 – 81	4	Fine Sand	Good
10	82 – 111		Clay with Silt	
11	112 – 117		Sandy Silt	
12	118 – 136		Clay with Silt	
13	137 – 146	9	Medium to Fine Sand	Good
14	147 – 170		Clay with Kankar	
15	171 – 183		Clay with Silt	
16	184 – 199		Clay	



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