



GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

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

E-mail: machtechtools55@gmail.com , Mobile Number :- 9265018387

Ref : MTL/WL/22-23/ 63

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	Karirda
Block	Chhibramau
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	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 – 9		Top Soil	
2	10 – 16	6	Medium to Fine Sand	Good
3	17 – 20		Clay	
4	21 – 26		Sand with Silt	
5	27 – 31	4	Medium Sand	Good
6	32 – 33		Clay with Sand	
7	34 – 39	5	Fine Sand	Good
8	40 – 41		Clay	
9	42 – 51	9	Fine Sand	Good
10	52 - 60		Clay with Silt	
11	61 – 66	5	Medium Sand	Good
12	67 – 72		Silty Sand	
13	73 – 82		Clay	
14	83 – 89	6	Medium Sand	Good
15	90 – 99		Kankar	
16	100 – 106		Clay	
17	107 – 110		Kankar	
18	111 - 126		Clay with Kankar	
19	127 - 131		Kankar	
20	132 – 146		Clay	
21	147 – 160	13	Medium Sand	Good
22	161 – 179		Clay with Kankar	
23	180 – 199.3		Clay	



GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

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

E-mail: machtechtools55@gmail.com , Mobile Number :- 9265018387

