



GEO-TECHNICAL  
CONSULTANT

## GEO – TECHNICAL CONSULTANT

(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/ 100

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	Nandlalpur
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	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 – 13		Top soil	
2	14 – 17		Sand with Clay	
3	18 – 29.5	11.5	Medium to fine Sand	Good
4	30 – 32		Sand with Clay	
5	33 – 39	6	Medium to fine Sand	Good
6	38 – 43		Sand with Clay	
7	44 – 50	6	Medium to fine Sand	Good
8	51 – 58		Sand with Clay	
9	59 – 66		Silty Sand	
10	67 – 78	11	Medium to fine Sand	Good
11	79 – 82		Sand with Clay	
12	83 – 87	4	Medium Sand	Good
13	88 – 92		Sand with Clay	
14	93 – 100		Clay with Kankar	
15	101 – 107	6	Medium Sand	Good
16	108 – 125		Sand with Silt	
17	126 – 136	10	Medium Sand	Good
18	137 – 140		Clay	
19	141 – 147		Clay with Silt	
20	148 – 153	5	Medium Sand	Good
21	154 – 165		Clay with Kankar	
22	166 – 170		Sand with Kankar	
23	171 – 176		Clay with Silt	
24	177 – 199.3		Clay	



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