

## GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

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

E-mail: machtech@bharatnirman.com, Mobile Number :- 9265018387

9

Date 03.09.2022

Ref : MTL/WL/22-23/Kannauj/004

### REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. GVPR ENGINEERING 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	Panthra
Block	Chhibramau
District	Kannauj, U.P.
Drilling Depth	200 Mtr BGL
Logged Depth	199.8 Mtr BGL
Type of Log	S.P & Resistivity
Machine Used	IGIS
Logging Date	02.09.2022

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	10 - 15	5	Sand with Silt	
2	16 - 21	5	Medium Sand	Moderate
3	22 - 33	9	Fine Sand	Good
4	34 - 40	6	Sand with silt	Moderate
5	41 - 60		Clayey sandy silt with Kankar	
6	61 - 63	2	Medium Sand	Moderate
7	64 - 68		Silt With Sand	
8	69 - 72	3	Fine Sand	Good
9	73 - 77		Sand With Kankar	
10	78 - 92	14	Fine Sand	Good
11	93 - 104		Sand with silt	
12	105 - 112	7	Fine Sand	Good
13	113 - 128		Sand with silt and Kankar	
14	129 - 140	11	Fine Sand	Good
15	141 - 149		Sand with silt	
16	150 - 157	7	Fine Sand	Good
17	158 - 180		Sandy silt with kankar	
18	181 - 182		Medium Sand	
19	183 - 200		Sandy silt with kankar	



# GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

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

E-mail: [machteertools55@gmail.com](mailto:machteertools55@gmail.com) , Mobile Number :- 9265018387

