

GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

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

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WL/22-23/ 77

Date 12.10.2022

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

Borehole was drilled by working agency M/s. GVPR Engineers Limited as a part of the work of development of Tubewell under Jal Jeevan Mission Project of SWSM, conducted a Geophysical Resistivity logging in the above borehole.

Name	Salempur
Location	Saurikh
State	Kannauj, U.P.
Depth	200 Mtr BGL
Depth	199.2 Mtr BGL
Log	S.P & Resistivity
Used	IGIS
Date	12.10.2022

Logging aquifer zones have been deciphered with the help of logging machine.

Depth (mtr BGL)	Thickness (mtr)	Expected Litholog	Expected Quality
		Top soil	
5		Sand with Clay	
32	16	Medium to fine Sand	Good
45		Sand with Clay	
53	6	Medium Sand	Good
63		Sand with Clay	
66	10	Medium Sand	Good
78		Sand with clay	
84	5	Medium Sand	Good
90		Clay with kankar	
97	16	Medium to fine Sand	Good
100		Clay with Silt	
97	6	Medium Sand	Good
100		Clay	
106	5	Medium Sand	Good
123		Clay with Silt	
132	8	Medium Sand	Good
163		Clay	
169	5	Medium Sand	Good
199.2		Clay	

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ns and Recommendations:

log inferred broadly tallies with that of the well-site litholog.

level is 4 Mtr below ground level.

Quality of water is Good. However, it is recommended to have a chemical and biological analysis of the water sample before using it for human consumption or for other use.

Conclusions and recommendations are subject to the inherent limitations of the methods employed and there could be variations as the underground conditions are not amenable to physical interpretations.

Test performed as per SWSM Guideline.

Machine is calibrated and accordingly ground water quality interpreted.

For Geo-Technical Consultant,



Authorized Signatory

(ist)

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