

REPORT ON GEOPHYSICAL WELL LOGGING
AT
GRAM PANCHAYAT- NAKHA DHARAM NAGAR, BLOCK- GILAULA, DISTT- SHRAVASTI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 165 mtrs. at above site. Was drilled by M/s Vishwanath Project Limited, Shravasti.

On the request of M/s Vishwanath Project Limited, Shravasti. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 25.Nov.2023.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 19.30 Ohms.

Drilling Water Resistivity = 20.67 Ohms.

Approx Water Level = 12 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 12	7	Clay kankar	
3.	12 - 19	7	Medium sand	Good
4.	19 - 28	9	Clay kankar	
5.	28 - 40	12	Medium sand	Good
6.	40 - 43	3	Clay kankar	
7.	43 - 71*	28	Medium sand	Good
8.	71 - 76	5	Clay kankar	
9.	76 - 87*	11	Medium sand	Good
10.	87 - 95	8	Clay kankar	
11.	95 - 97	2	Fine to Medium sand	Good
12.	97 - 110	13	Clay kankar	
13.	110 - 141*	31	Medium sand & kankar	Good
14.	141 - 153	12	Clay kankar	
15.	153 - 160*	7	Medium sand	Good
16.	160 - 165	5	Clay kankar	

Ground Water Survey Consultancy

Seen



M/S MBS ENTERPRISES

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