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REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BISHOLI TALAB, BLOCK- SAHAHBAD, DISTT- RAMPUR
UNDER
JAL JIVAN MISSION

Introduction :

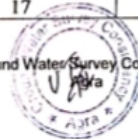
A Deep bore hole was drilled 150 mtrs. depth. and Logged depth 145 mtrs. at above site. Was drilled by M/s NKG Infrastructure Limited, Delhi.

On the request of M/s NKG Infrastructure Limited, Delhi. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 03.Oct.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:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 8	3	Dry sand	
3.	8 - 13	5	Clay kankar	
4.	13 - 16	3	Fine sand	
5.	16 - 26	10	Clay kankar	
6.	26 - 36	10	Fine to Medium sand	Medium
7.	36 - 40	4	Clay kankar	
8.	40 - 55*	15	Medium sand	Medium
9.	55 - 60	5	Clay kankar	
10.	60 - 68*	8	Medium sand	Medium
11.	68 - 74	6	Clay kankar	
12.	74 - 84*	10	Medium sand	Medium
13.	84 - 90	6	Clay kankar	
14.	90 - 97*	7	Fine to Medium sand	Medium
15.	97 - 104	7	Clay kankar	
16.	104 - 110*	6	Fine to Medium sand	Medium
17.	110 - 115	5	Clay kankar	
18.	115 - 128*	13	Medium sand & kankar	Medium
19.	128 - 145	17	Clay kankar	

Ground Water Survey Consultancy



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