

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- RAMAPUR, BLOCK- DUBEYPUR, DISTT- SULTANPUR  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 290 mtrs. depth. and Logged depth 280 mtrs. at above site. Was drilled by M/s Vindha telelinks Limited, Gaja Engineering Pvt. Ltd. (JV).

On the request of M/s Vindha telelinks Limited, Gaja Engineering Pvt. Ltd. (JV).

A Geophysical well Logging in the above bore hole using IGIS Well Logger on 23.Nov.2024.

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 = 14.90 Ohms.

Drilling Water Resistivity = 15.31 Ohms.

Approx Water Level = 6 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 7	2	Clay kankar	
3.	7 - 10	3	Fine sand	
4.	10 - 15	5	Clay kankar	
5.	15 - 23	8	Medium sand	Good
6.	23 - 28	5	Clay kankar	
7.	28 - 43*	15	Medium sand	Good
8.	43 - 46	3	Clay kankar	
9.	46 - 48	2	Fine sand & kankar	Moderate
10.	48 - 51	3	Clay kankar	
11.	51 - 55	4	Fine sand & kankar	Moderate
12.	55 - 64	9	Clay kankar	
13.	64 - 67	3	Fine sand	Moderate
14.	67 - 75	8	Clay kankar	
15.	75 - 92	17	Sand & kankar	Saline
16.	92 - 117	25	Clay kankar	
17.	117 - 136	19	Kankar	Saline
18.	136 - 162	26	Clay kankar	

Ground Water Survey Consultancy

