

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KHAWA, BLOCK- JAITHRA, DISTT- ETAH  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 mtrs. at above site. Was drilled by M/s Kalpataru Power Transmission limited, Etah.

On the request of M/s Kalpataru Power Transmission limited, Etah. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 09.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:-

Mud Resistivity = 14.20 Ohms.

Drilling Water Resistivity = 15.90 Ohms.

Approx Water Level = 9 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 14	9	Clay kankar	
3.	14 - 18	4	Medium sand	Medium
4.	18 - 25	7	Clay kankar	
5.	25 - 28	3	Medium sand	Medium
6.	28 - 49	21	Clay kankar	
7.	49 - 58*	9	Medium sand	Medium
8.	58 - 65	7	Clay kankar	
9.	65 - 70*	5	Medium sand	Medium
10.	70 - 80	10	Clay kankar	
11.	80 - 83*	3	Medium sand	Medium
12.	83 - 86	3	Clay kankar	
13.	86 - 88*	2	Fine to medium sand	Medium
14.	88 - 110	22	Clay kankar	

Ground Water Survey Consultancy

