

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- GANESHPUR, BLOCK- JALESAR, DISTT- ETAH  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 106 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 17.Feb.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 = 14.36 Ohms.

Drilling Water Resistivity = 15.23 Ohms.

Approx Water Level = 7 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 15	10	Dry sand	
3.	15 - 20	5	Clay kankar	
4.	20 - 30	10	Medium sand	Medium
5.	30 - 37	7	Clay kankar	
6.	37 - 52*	15	Medium sand & kankar	Medium
7.	52 - 67	15	Clay kankar	
8.	67 - 73	6	Kankar sand	
9.	73 - 89	16	Clay kankar	
10.	89 - 95	6	Fine sand	Medium
11.	95 - 106	11	Clay kankar	

Ground Water Survey Consultancy

