

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KANCHANPUR ASE NO.2 (NAGLA), BLOCK- ALIGANJ,
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 22.July.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 = 15.41 Ohms.

Drilling Water Resistivity = 16.26 Ohms.

Approx Water Level = 15 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 - 19	4	Medium sand	Medium
4.	19 - 27	8	Clay kankar	
5.	27 - 34	7	Medium sand	Medium
6.	34 - 50	16	Clay kankar	
7.	50 - 55*	5	Medium sand	Medium
8.	55 - 80	25	Clay kankar	
9.	80 - 95*	15	Medium sand	Medium
10.	95 - 110	15	Clay kankar	

