

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KISHAN GARH, BLOCK- SHITALPUR, DISTT- ETAH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 100 mtrs. depth. and Logged depth 100 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 03.June.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 = 15.78 Ohms.

Drilling Water Resistivity = 16.89 Ohms.

Approx Water Level = 11 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 13	8	Clay kankar	
3.	13 - 33	20	Medium sand	Medium
4.	33 - 38	5	Clay kankar	
5.	38 - 43	5	Medium sand	Medium
6.	43 - 100	57	Clay kankar	



Ground Water Survey Consultancy
Agra