

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- CHOCHABANGAON, BLOCK- ETAH, DISTT- ETAH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 115 mtrs. depth. and Logged depth 105 mtrs. at above site. Was drilled by M/s Kalpataru Project International Pvt. Ltd, Etah.

On the request of M/s Kalpataru Project International Pvt. Ltd, Etah. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 20.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 = 15.08 Ohms.

Drilling Water Resistivity = 16.12 Ohms.

Approx Water Level = 18 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 15	10	Clay kankar	
3.	15 - 35	20	Medium sand	Medium
4.	35 - 41	6	Clay kankar	
5.	41 - 50*	9	Medium sand	Medium
6.	50 - 80	30	Clay kankar	
7.	80 - 88*	8	Fine to Medium sand	Medium
8.	88 - 105	17	Clay kankar	

