

REPORT ON GEOPHYSICAL WELL LOGGING AT

RAM PANCHAYAT- BADHAWALI, BLOCK- AWAGARH, 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 20.Jan.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 = 14.20 Ohms.

Drilling Water Resistivity = 15.43 Ohms.

Approx Water Level = 6 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 12	7	Clay kankar	
3.	12 - 25	13	Fine to Medium sand	Medium
4.	25 - 39	14	Clay kankar	
5.	39 - 55*	16	Medium sand	Medium
6.	55 - 70	15	Clay kankar	
7.	70 - 74	4	Fine sand	Medium
8.	74 - 90	16	Clay kankar	
9.	90 - 96	6	Fine sand	Med to Marginally
10.	96 - 100	4	Clay kankar	

Ground Water Survey Consultancy

