

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- MAKSUDPUR, BLOCK- AWAGARH, 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 30.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 = 14.38 Ohms.

Drilling Water Resistivity = 15.64 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 - 13	8	Clay kankar	
3.	13 - 28	15	Medium sand	Medium
4.	28 - 43	15	Clay kankar	
5.	43 - 53*	10	Medium sand	Medium
6.	53 - 69	16	Clay kankar	
7.	69 - 74*	5	Fine to Medium sand	Medium
8.	74 - 90	16	Clay kankar	
9.	90 - 93	3	Fine sand	Medium
10.	93 - 110	17	Clay kankar	

Ground Water Survey Consultancy

