

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BAHADURPUR KASHIMPUR, BLOCK- JALESAR, 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 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 06.June.2024.

Logging Para meters - Self potential, short normal (N16), 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 = 10.23 Ohms.

Drilling Water Resistivity = 11.40 Ohms.

Approx Water Level = 21 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 - 24	9	Clay kankar	
4.	24 - 32	8	Fine to med sand & kan	Med to marginally
5.	32 - 35	3	Clay kankar	
6.	35 - 37	2	Fine sand	Med to marginally
7.	37 - 45	8	Clay kankar	
8.	45 - 47	2	Fine Sand	Marginally
9.	47 - 80	33	Clay kankar	
10.	80 - 84	4	Sand & kankar	Saline
11.	84 - 100	16	Clay kankar	

Ground Water Survey Consultancy

