

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KUNJALPUR, BLOCK- JALESAR, 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 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 21.Mar.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 = 12.45 Ohms.

Drilling Water Resistivity = 13.40 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 - 20	15	Clay kankar	
3.	20 - 27	7	Fine to medium sand	Medium
4.	27 - 35	8	Clay kankar	
5.	35 - 40*	5	Fine to medium sand	Medium
6.	40 - 50	10	Clay kankar	
7.	50 - 56*	6	Medium sand	Medium
8.	56 - 63	7	Clay kankar	
9.	63 - 67	4	Fine sand	Med to Marginally
10.	67 - 79	12	Clay kankar	
11.	79 - 82	3	Fine sand	Marginally Saline
12.	82 - 110	28	Clay kankar	

Note :- Please ensure pre-monsoon water level before lower the well assembly

Ground Water Survey Consultancy

