

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- PIPAL KHERIYA, BLOCK- SAKIT, 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 04.May.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 = 15.69 Ohms.

Drilling Water Resistivity = 16.45 Ohms.

Approx Water Level = 15 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 16	11	Dry sand	
3.	16 - 28	12	Clay kankar	
4.	28 - 35	7	Fine to Medium sand	Medium
5.	35 - 50	15	Clay kankar	
6.	50 - 61*	11	Medium sand	Medium
7.	61 - 110	49	Clay kankar	

Ground Water Survey Consultancy

