

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- CHILSARA, BLOCK- SHAMSHABAD
DISTT- FARRUKHABAD

UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 190 mtrs. depth. and Logged depth 182 mtrs. at above site. Was drilled by M/s Kram Infracon Pvt. Ltd., Gautam Buddha Nagar.

On the request of M/s Kram Infracon Pvt. Ltd., Gautam Buddha Nagar. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 07.June.2022.

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 = 14.63 Ohms.

Drilling Water Resistivity = 15.78 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 - 30	25	Clay kankar	
3.	30 - 46*	16	Medium sand	Good
4.	46 - 87	41	Clay kankar	
5.	87 - 105*	18	Medium sand	Good
6.	105 - 130	25	Clay kankar	
7.	130 - 150*	20	Medium sand	Good
8.	150 - 182	32	Clay kankar	

Ground Water Survey Consultancy

