

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- NAGLA DHAURPUR, BLOCK- HATHRAS, DISTT- HATHRAS
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 103 mtrs. at above site. Was drilled by M/s Braj Gopal Construction, Hathras.

On the request of M/s Braj Gopal Construction, Hathras. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 20.Dec.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 = 14.34 Ohms.

Drilling Water Resistivity = 15.50 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 - 15	10	Dry sand	
3.	15 - 20	5	Clay kankar	
4.	20 - 23	3	Fine sand	
5.	23 - 55	32	Clay kankar	
6.	55 - 58	3	Kankar with sand	Medium
7.	58 - 65	7	Clay kankar	
8.	65 - 80*	15	Fine to medium sand	Medium
9.	80 - 103	23	Clay kankar	

Ground Water Survey Consultancy

