

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- RUHERI TW NO- 2, BLOCK- SASNI, DISTT- HATHRAS 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 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 05.FEB.2025.

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 = 16.57 Ohms.

Drilling Water Resistivity = 17.04 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 - 21	6	Clay kankar	
4.	21 - 25	4	Fine to Sand	
5.	25 - 35	10	Clay kankar	
6.	35 - 46	11	Fine to Medium sand	Medium
7.	46 - 70	24	Clay kankar	
8.	70 - 75	5	Fine to Medium sand	Medium
9	75 - 110	35	Clay kankar	

Ground Water Survey Consultancy

