

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- LADPUR, BLOCK- HATHRAS, 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 11.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 = 16.71 Ohms.

Drilling Water Resistivity = 17.85 Ohms.

Approx Water Level = 28 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 - 24	9	Clay kankar	
4.	24 - 28	4	Fine Sand	
5.	28 - 50	22	Clay Kankar	
6.	50 - 55	5	Fine sand	Medium
7.	55 - 63	8	Clay kankar	
8.	63 - 75*	12	Medium sand	Medium
9.	75 - 81	6	Clay kankar	
10.	81 - 85*	4	Fine to medium sand	Medium
11.	85 - 110	25	Clay Kankar	

Ground Water Survey Consultancy

