

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SEEDAMAI, BLOCK- HASAYAN, 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 16.June.2024.

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 = 15.75 Ohms.

Drilling Water Resistivity = 14.73 Ohms.

Approx Water Level = 9 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 9	4	Clay kankar	
3.	9 - 12	3	Fine sand	
4.	12 - 20	8	Clay kankar	
5.	20 - 30	10	Medium sand	Medium
6.	30 - 35	5	Clay kankar	
7.	35 - 41*	6	Fine to medium sand	Medium
8.	41 - 46	5	Clay kankar	
9.	46 - 48	2	Fine sand	Medium
10.	48 - 54	6	Clay kankar	
11.	54 - 57	3	Kankar sand	
12.	57 - 85	28	Clay kankar	
13.	85 - 95*	10	Medium sand	Medium
14.	95 - 110	15	Clay kankar	

Ground Water Survey Consultancy

Agra

