

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- PAHARPUR, BLOCK- HATHRAS, DISTT- HATHRAS
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 113 mtrs. depth. and Logged depth 112 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 25.Jan.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 = 13.53 Ohms.

Drilling Water Resistivity = 14.21 Ohms.

Approx Water Level = 24 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 8	3	Clay kankar	
3.	8 - 15	7	Dry sand	
4.	15 - 20	5	Clay kankar	
5.	20 - 30	10	Medium sand & kankar	Medium
6.	30 - 66	36	Clay kankar	
7.	66 - 73*	7	Fine to Medium sand	Medium
8.	73 - 78	5	Clay kankar	
9.	78 - 81	3	Fine sand	Marginally saline
10.	81 - 112	31	Clay kankar	

te :- Please ensure pre-monsoon water level before lower the well assembly.

Ground Water Survey Consultancy
Agra

