

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BIJHARI TW NO-1, 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 08 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 = 16.11 Ohms.

Drilling Water Resistivity = 17.04 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 - 25	20	Dry sand	
3.	25 - 34	9	Clay kankar	
4.	34 - 39	5	Fine sand	
5.	39 - 53	14	Clay kankar	
6.	53 - 57	4	Fine sand	Medium
7.	57 - 66	9	Clay kankar	
8.	66 - 76*	10	Fine to Med sand & kankar	Medium
9.	76 - 90	14	Clay kankar	
10.	90 - 93	3	Fine Sand	Mind to Marginally
11.	93 - 110	17	Clay kankar	

Ground Water Survey Consultancy

