

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- PUSKARA, BLOCK- MURSAN, DISTT- HATHRAS
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 100 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 26.Oct.2023.

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 = 12.43 Ohms.

Drilling Water Resistivity = 11.56 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 - 24	19	Dry sand	
3.	24 - 30	6	Clay Kankar	
4.	30 - 36	6	Fine to Medium sand	Med to Marginally
5.	36 - 55	19	Clay kankar	
6.	55 - 64	9	Sand & kankar	Marginally saline
7.	64 - 100	36	Clay kankar	

