

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- TASINGA (BW- 3), SCHEME- TASINGA ZONE -1,
BLOCK- SADABAD, DISTT- HATHRAS

UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 105 mtrs. depth. and Logged depth 100 mtrs. at above site. Was drilled by M/s ION Exchange India Limited, Hathras.

On the request of M/s ION Exchange India Limited, Hathras. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 11.Aug.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 = 11.71 Ohms.

Drilling Water Resistivity = 12.09 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 - 24	19	Dry sand	
3.	24 - 40	16	Clay kankar	
4.	40 - 50*	10	Fine to medium sand	Med to Marginally
5.	50 - 60	10	Clay kankar	
6.	60 - 72*	12	Sand & kankar	Med to Marginally
7.	72 - 85	13	Clay kankar	
8.	85 - 90	5	Fine sand	Saline
9.	90 - 100	10	Clay kankar	

