

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- TASDINGA ZONE 1 (BW2), BLOCK- SADABAD, DISTT- HATHRAS
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 100 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 30.July.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 = 13.27 Ohms.

Drilling Water Resistivity = 14.51 Ohms.

Approx Water Level = 27 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 - 36	11	Clay kankar	
4.	36 - 45*	9	Fine to medium sand	Med to Marginally
5.	45 - 63	18	Clay kankar	
6.	63 - 77*	14	Fine to medium sand	Med to Marginally
7.	77 - 100	23	Clay kankar	

