

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- TAMSI, BLOCK- SADABAD, DISTT- HATHRAS
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 102 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 09.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:-

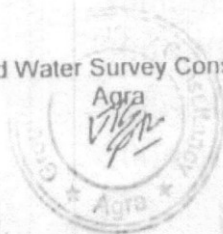
Mud Resistivity = 13.79 Ohms.

Drilling Water Resistivity = 14.52 Ohms.

Approx Water Level = 30 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 27	22	Dry sand	
3.	27 - 30	3	Clay kankar	
4.	30 - 33	3	Fine sand	
5.	33 - 41	8	Clay kankar	
6.	41 - 46	5	Fine sand	Medium
7.	46 - 53	7	Clay kankar	
8.	53 - 62*	9	Fine to Medium sand	Medium
9.	62 - 70	8	Clay kankar	
10.	70 - 73	3	Fine sand	Medium
11.	73 - 80	7	Clay kankar	
12.	80 - 90*	10	Fine to Medium sand	Medium
13.	90 - 102	12	Clay kankar	

Ground Water Survey Consultancy



1200 14 1000

AGP