

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DHABA, BLOCK- GANJDUNDWARA, DISTT- KASGANJ
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 PNC-SPML-JV, Kasganj.

On the request of M/S PNC-SPML-JV, Kasganj. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 03.Dec.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 = 16.44 Ohms.

Drilling Water Resistivity = 17.08 Ohms.

Approx Water Level = 6 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 7	2	Dry sand	
3.	7 - 12	5	Clay kankar	
4.	12 - 18	6	Fine to Medium sand	Medium
5.	18 - 29	11	Clay kankar	
6.	29 - 34	5	Fine to Medium sand	Medium
7.	34 - 50	16	Clay kankar	
8.	50 - 58*	8	Medium sand	Medium
9.	58 - 61	3	Clay kankar	
10.	61 - 70*	9	Medium sand	Medium
11.	70 - 77	7	Clay kankar	
12.	77 - 85	8	Fine sand & kankar	Medium
13.	85 - 100	15	Clay kankar	

Ground Water Survey Consultancy

