

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- ABHAYPURA, BLOCK- AMANPUR, DISTT- KASGANJ
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 105 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 is conduct at above bore hole using IGIS Well Logger on 07.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 = 14.50 Ohms.

Drilling Water Resistivity = 15.40 Ohms.

Approx Water Level = 3 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Clay kankar	
3.	10 - 16	6	Medium sand	Medium
4.	16 - 25	9	Clay kankar	
5.	25 - 35	10	Medium sand	Medium
6.	35 - 40	5	Clay kankar	
7.	40 - 44*	4	Medium sand	Medium
8.	44 - 52	8	Clay kankar	
9.	52 - 57*	5	Medium sand	Medium
10.	57 - 65	8	Clay kankar	
11.	65 - 70	5	Fine sand	Medium
12.	70 - 87	17	Clay kankar	
13.	87 - 97*	10	Medium sand	Medium
14.	97 - 105	8	Clay kankar	

Ground Water Survey Consultancy

