

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- VEERPUR, BLOCK- AMANPUR, 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 is conduct at above bore hole using IGIS Well Logger on 06.Oct.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 = 15.47 Ohms.

Drilling Water Resistivity = 16.52 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 - 11	6	Clay kankar	
3.	11 - 25	14	Medium sand	Medium
4.	25 - 57	32	Clay kankar	
5.	57 - 61	4	Fine to Medium sand	Medium
6.	61 - 65	4	Clay kankar	
7.	65 - 80*	15	Medium sand	Medium
8.	80 - 85	5	Clay kankar	
9.	85 - 90*	5	Fine to Medium sand	Medium
10.	90 - 95	5	Clay kankar	
11.	95 - 100	5	Fine to Medium sand	Medium

Ground Water Survey Consultancy

