

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KHITAUJI, BLOCK- SAHAWAR, DISTT- KASGANJ
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 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 16.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 = 15.43 Ohms.

Drilling Water Resistivity = 16.62 Ohms.

Approx Water Level = 12 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 - 18	8	Fine sand	
4.	18 - 21	3	Clay kankar	
5.	21 - 29	8	Fine to Medium sand	Medium
6.	29 - 35	6	Clay kankar	
7.	35 - 38	3	Fine sand	Medium
8.	38 - 44	6	Clay kankar	
9.	44 - 61*	17	Medium sand	Medium
10.	61 - 65	4	Clay kankar	
11.	65 - 68	3	Fine sand	Medium
12.	68 - 80	12	Clay kankar	
13.	80 - 91*	11	Medium sand	Medium
14.	91 - 97	6	Clay kankar	
15.	97 - 102*	5	Fine to Medium sand	Medium
16.	102 - 110	8	Clay kankar	

Ground Water Survey Consultancy

