

J.C.]

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- WAHIDPUR KHALSA, BLOCK- KASGANJ, 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 in the above bore hole using IGIS Well Logger on 23.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 = 15.70 Ohms.

Drilling Water Resistivity = 16.20 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 - 7	2	Clay kankar	
3.	7 - 18	11	Fine to medium sand	
4.	18 - 25	7	Clay kankar	
5.	25 - 32	7	Fine to Medium sand	Medium
6.	32 - 41	9	Clay kankar	
7.	41 - 46	5	Fine to Medium sand	Medium
8.	46 - 52	6	Clay kankar	
9.	52 - 70*	18	Medium sand & kankar	Medium
10.	70 - 74	4	Clay kankar	
11.	74 - 90*	16	Medium sand & kankar	Medium
12.	90 - 95	5	Clay kankar	
13.	95 - 102*	7	Fine to Medium sand	Medium
14.	102 - 107	5	Clay kankar	
15.	107 - 110	3	Fine sand	Medium

Ground Water Survey Consultancy

