

M PANCHAYAT- SALAWAT NAGAR, BLOCK- GANJDUNDWARA, DISTT- KASGANJ
UNDER
JAL JIVAN MISSION

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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 22.Sep.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 = 16.39 Ohms.

Approx Water Level = 8 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Fine sand	
3.	10 - 23	13	Clay kankar	
4.	23 - 32	9	Medium sand	Medium
5.	32 - 42	10	Clay kankar	
6.	42 - 48*	6	Medium sand	Medium
7.	48 - 56	8	Clay kankar	
8.	56 - 61*	5	Fine to Medium sand	Medium
9.	61 - 71	10	Clay kankar	
10.	71 - 82*	11	Medium sand	Medium
11.	82 - 88	6	Clay kankar	
12.	88 - 107*	19	Medium sand & kankar	Medium
13.	107 - 110	3	Clay kankar	

Ground Water Survey Consultancy

