

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- JAIDIHAR, 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 in the above bore hole using IGIS Well Logger on 09.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 = 14.37 Ohms.

Drilling Water Resistivity = 15.40 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 - 15	10	Clay kankar	
3.	15 - 20	5	Fine to Medium sand	
4.	20 - 26	6	Clay kankar	
5.	26 - 33	7	Medium sand	Medium
6.	33 - 47	14	Clay kankar	
7.	47 - 70*	23	Medium sand	Medium
8.	70 - 76	6	Clay kankar	
9.	76 - 83	7	Fine sand	Medium
10.	83 - 92	9	Clay kankar	
11.	92 - 99*	7	Medium sand	Medium
12.	99 - 110	11	Clay kankar	

Ground Water Survey Consultancy

