

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- RAYON, 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 14.Dec.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 = 16.86 Ohms.

Approx Water Level = 5 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 - 20	10	Medium sand	Medium
4.	20 - 28	8	Clay kankar	
5.	28 - 33	5	Medium sand	Medium
6.	33 - 37	4	Clay kankar	
7.	37 - 40	3	Fine sand	Medium
8.	40 - 48	8	Clay kankar	
9.	48 - 69*	21	Medium sand	Medium
10.	69 - 79	10	Clay kankar	
11.	79 - 82	3	Fine sand	Medium
12.	82 - 88	6	Clay kankar	
13.	88 - 95*	7	Fine to Medium sand	Medium
14.	95 - 110	15	Clay kankar	

Ground Water Survey Consultancy

