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PP-07

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- AGOLI KALAN, BLOCK- SORON, 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 07.Dec.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 = 17.65 Ohms.

Drilling Water Resistivity = 18.06 Ohms.

Approx Water Level = 6 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
			Surface soil	
1.	0 - 5	5	Clay kankar	
2.	5 - 15	10	Fine to medium sand	Medium
3.	15 - 19	4	Clay kankar	
4.	19 - 25	6	Medium sand	Medium
5.	25 - 30	5	Clay kankar	
6.	30 - 48	18	Medium sand	Medium
7.	48 - 55*	7	Clay kankar	
8.	55 - 63	8	Medium sand	Medium
9.	63 - 68*	5	Clay kankar	
10.	68 - 79	9	Medium sand	Medium
11.	79 - 90*	11	Clay kankar	
12.	90 - 95	5	Medium sand	Medium
13.	95 - 103*	8	Clay kankar	
14.	103 - 110	7	Clay kankar	

Ground Water Survey Consultancy

