

# REPORT ON GEOPHYSICAL WELL LOGGING

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GRAM PANCHAYAT- ~~JOHRI~~, BLOCK- SAHAWAR, DISTT- KASGANJ  
UNDER  
JAL JIVAN MISSION.

## Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 115 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 12.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 = 15.63 Ohms.

Drilling Water Resistivity = 16.43 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 - 14	9	Clay kankar	
3.	14 - 17	3	Fine sand	
4.	17 - 25	8	Clay kankar	
5.	25 - 31	6	Fine to Medium sand	Medium
6.	31 - 44	13	Clay kankar	
7.	44 - 53*	9	Medium sand	Medium
8.	53 - 60	7	Clay kankar	
9.	60 - 63*	3	Fine to Medium sand	Medium
10.	63 - 75	12	Clay kankar	
11.	75 - 86*	11	Fine to Medium sand	Medium
12.	86 - 92	6	Clay kankar	
13.	92 - 104*	12	Medium sand	Medium
14.	104 - 115	11	Clay kankar	

Ground Water Survey Consultancy

