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REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- CHAKERI, BLOCK- SORON, DISTT- KASGANJ
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 125 mtrs. depth. and Logged depth 120 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 02.July.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 = 16.20 Ohms.

Drilling Water Resistivity = 17.09 Ohms.

Approx Water Level = 15 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Clay	
3.	10 - 18	8	Medium sand	Medium
4.	18 - 24	6	Clay kankar	
5.	24 - 31	7	Medium sand	Medium
6.	31 - 36	5	Clay kankar	
7.	36 - 40	4	Medium sand	Medium
8.	40 - 50	10	Clay kankar	
9.	50 - 95*	45	Medium sand & kankar	Medium
10.	95 - 120	25	Clay kankar	

