

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- GANGSARA, BLOCK- SIDHPURA, DISTT- KASGANJ
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 100 mtrs. depth. and Logged depth 100 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 above bore hole using IGIS Well Logger on 29.Nov.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 = 16.33 Ohms.

Drilling Water Resistivity = 17.09 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 - 6	1	Clay kankar	
3.	6 - 14	8	Medium sand	Medium
4.	14 - 40	26	Clay kankar	
5.	40 - 59*	19	Medium sand	Medium
6.	59 - 65	6	Clay kankar	
7.	65 - 70*	5	Medium sand	Medium
8.	70 - 80	10	Clay kankar	
9.	80 - 97*	17	Medium sand	Medium
10.	97 - 100	3	Clay kankar	

