

REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 107 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 20.May.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 = 15.34 Ohms.

Drilling Water Resistivity = 16.89 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 - 10	5	Fine sand	
3.	10 - 16	6	Clay kankar	
4.	16 - 30	14	Medium sand	Medium
5.	30 - 50	20	Clay kankar	
6.	50 - 83*	33	Medium sand & kankar	Medium
7.	83 - 96	13	Clay kankar	
8.	96 - 102*	6	Fine to Medium sand	Medium
9.	102 - 107	5	Clay kankar	

Ground Water Survey Consultancy

