

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- NAGLA BHUJPURA, BLOCK- SIDHPURA, 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 is conduct at above bore hole using IGIS Well Logger on 14.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 = 15.26 Ohms.

Drilling Water Resistivity = 16.47 Ohms.

Approx Water Level = 3 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 20	15	Medium sand	
3.	20 - 25	5	Clay kankar	
4.	25 - 31	6	Medium sand	Medium
5.	31 - 41	10	Clay kankar	
6.	41 - 45	4	Medium sand	Medium
7.	45 - 48	3	Clay kankar	
8.	48 - 75*	27	Medium sand	Medium
9.	75 - 87	12	Clay kankar	
10.	87 - 90	3	Fine sand	Medium
11.	90 - 95	5	Clay kankar	
12.	95 - 100	5	Fine to Medium sand	Medium
13.	100 - 110	10	Clay kankar	

Ground Water Survey Consultancy

