

REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 120 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 14.April.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 = 14.43 Ohms.

Drilling Water Resistivity = 15.58 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 - 20	15	Fine sand	Medium
3.	20 - 30	10	Clay kankar	
4.	30 - 33	3	Fine sand	Medium
5.	33 - 38	5	Clay kankar	
6.	38 - 62*	24	Medium sand & kankar	Medium
7.	62 - 77	15	Clay kankar	
8.	77 - 81*	4	Fine to medium sand	Medium
9.	81 - 90	9	Clay kankar	
10.	90 - 101*	11	Fine to Medium sand & kankar	Medium
11.	101 - 120	19	Clay kankar	

Ground Water Survey Consultancy

