

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BODHA NAGARIYA, BLOCK- SAHAWAR,
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 in the above bore hole using IGIS Well Logger on 06.Dec.2022.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major equifer 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 = 19.13 Ohms.

Drilling Water Resistivity = 22.27 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 - 18	13	Clay kankar	
3.	18 - 32	14	Medium sand	Medium
4.	32 - 41	9	Clay kankar	
5.	41 - 54*	13	Medium sand	Medium
6.	54 - 60	6	Clay kankar	
7.	60 - 65*	5	Fine to Medium sand	Medium
8.	65 - 74	9	Clay kankar	
9.	74 - 80*	6	Fine to Med. sand & Kankar	Medium
10.	80 - 95	15	Clay kankar	
11.	95 - 104*	9	Fine to Medium sand	Medium
12.	104 - 110	6	Clay kankar	

