

No. Wd. F, 106

REPORT ON GEOPHYSICAL WELL LOGGING AT

Mudha
GRAM PANCHAYAT - MUNDHRA, BLOCK - PATIYALI, DISTT - KASGANJ
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 104 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.Aug.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 = 16.03 Ohms.

Drilling Water Resistivity = 17.28 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	Clay kankar	
3.	10 - 33	23	Medium sand	Medium
4.	33 - 45	12	Clay kankar	
5.	45 - 64*	19	Medium sand	Medium
6.	64 - 87	23	Clay kankar	
7.	87 - 96*	9	Medium sand	Medium
8.	96 - 104	8	Clay kankar	

Note :- Please ensure pre-monsoon water level before lower the well assembly.

