

REPORT ON GEOPHYSICAL WELL LOGGING
AT
GRAM PANCHAYAT- KARAUNDI, BLOCK- SHAHGANJ, DISTT- JAUNPUR
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 300 mtrs. depth. and Logged depth 250 mtrs. at above site. Was drilled by M/S Afcons Infrastructure Pvt. Ltd. Jaunpur

On the request of M/S Afcons Infrastructure Pvt. Ltd. Jaunpur. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 04.Nov.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 = 10.13 Ohms.

Drilling Water Resistivity = 6.52 Ohms.

Approx Water Level = 9 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	10 - 16	6	Fine sand	Moderate
2.	23 - 47	24	Medium sand	Good

Note :- 1. Please ensure pre-monsoon water level before lower the well assembly
2. Quality Of Ground water is deteriorating Saline in between 50 Mtr bgl to till depth logged..
3. Predominated clay is present in depth range 17 to 21 mtr bgl.

