

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

Introduction :

A Deep bore hole was drilled 330 mtrs. depth. and Logged depth 240 mtrs. at above site. Was drilled by M/S Wellspun Pvt. Ltd. Jaunpur

On the request of M/S Wellspun Pvt. Ltd. Jaunpur. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 04.Oct.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:-

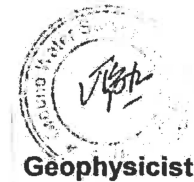
Mud Resistivity = 08.81 Ohms.

Drilling Water Resistivity = 08.06 Ohms.

Approx Water Level = 15 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	25 - 30	5	Fine sand	Mod to Good
2.	35 - 43	8	Fine sand	Mod to Good
3.	47 - 53	6	Medium sand	Good
4.	56 - 62	6	Medium sand	Good
5.	198 - 204	6	Fine to medium sand	Mod to Good
6.	215 - 220	5	Medium sand	Good

Note : 1. Please ensure pre-monsoon water level before lower the well assembly
2. Quality Of Ground water is deteriorating Marginally Saline in between 70 to 90 Mtr bgl.
3. Predominated clay is present in depth range 110 to 150 mtr bgl.


Geophysicist