

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- SAHABGANJ RO SCHEME ZONE -1, BLOCK- SAHABGANJ
DISTT- CHANDAULI

UNDER

JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 155 mtrs. depth. and Logged depth 100 mtrs. at above site. Was drilled by M/S ION Exchange India Limited. Chandauli.

On the request of M/S ION Exchange India Limited. Chandauli. a Geophysical well Logging the above bore hole using IGIS Well Logger on 29.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 = 14.46 Ohms.

Drilling Water Resistivity = 17.07 Ohms.

Approx Water Level = 9 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	43 - 50	7	Medium sand	Good
2.	75 - 83	8	Medium sand & kankar	Good
3.	88 - 93	5	Fine sand & kankar	Good

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

