

REPORT ON GEOPHYSICAL WELL LOGGING
AT
GRAM PANCHAYAT- BABURI EX ZONE -1, BLOCK- CHANDAULI, DISTT- CHANDAULI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 200 mtrs. depth. and Logged depth 127 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 in the above bore hole using IGIS Well Logger on 11.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 = 16.78 Ohms.

Drilling Water Resistivity = 17.30 Ohms.

Approx Water Level = 8 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	18 - 38	20	Medium sand	Good
2.	42 - 45	3	Medium sand	Good
3.	55 - 57	2	Medium sand	Good
4.	73 - 87	14	Medium sand	Good
5.	95 - 105	10	Medium sand & kankar	Good
6.	113 - 125	12	Medium sand	Good

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



Geophysicist