

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- NEWADA, BLOCK- SADAR, DISTT- GHAZIPUR
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 165 mtrs. at above site. Was drilled by M/s L & T. Ghazipur.

On the request of M/s L & T. Ghazipur. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 15.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 = 11.17 Ohms.

Drilling Water Resistivity = 10.08 Ohms.

Approx Water Level = 11 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	10 - 15	5	Fine to Medium sand	Good
2.	20 - 43	23	Medium sand	Good
3.	55 - 58	3	Fine to Medium sand	Good
4.	99 - 102	3	Fine sand	Moderate

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

