

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTROLOGGING REPORT**

Ref No:-B-2261

Date:- 30-10-2023

NAME OF SITE

GRAM PANCHAYAT- Salempur Bhowapur BLOCK- Manihari DISTT- Ghazipur

NAME OF AGENCY

M/s VSA Infra Pvt. Ltd.
Ghazipur



GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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ISO ; 9001 : 2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SALEMPUR BHOWAPUR, BLOCK- MANIHARI, DISTT- GHAZIPUR
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 120 mtrs. at above site. Was drilled by M/S VSA Infra Pvt. Ltd. Ghazipur.

On the request of M/S VSA Infra Pvt. Ltd. Ghazipur.. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 30.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:-

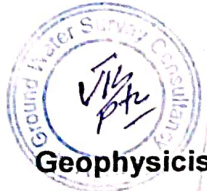
Mud Resistivity = 17.60 Ohms.

Drilling Water Resistivity = 18.08 Ohms.

Approx Water Level = 8 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	31 - 40	9	Medium sand	Good
2.	70 - 80	10	Medium sand & kankar	Good
3.	90 - 95	5	Fine sand	Good

Note : 1. Please ensure pre-monsoon water level before lower the well assembly


Geophysicist

