

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTROLOGGING REPORT**

Ref No:-B-2474

Date:- 03-12-2023

NAME OF SITE

GRAM PANCHAYAT- Asaichandpur

BLOCK- Zamania

DISTT- Ghazipur

NAME OF AGENCY

~~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



*Q = 390
123+12
200x200
500x500*

**REPORT ON GEOPHYSICAL WELL LOGGING
AT**

GRAM PANCHAYAT- ASAICHANDPUR, BLOCK- ZAMANIA, DISTT- GHAZIPUR
UNDER
JAL JIVAN MISSION

Introduction :

LST

A Deep bore hole was drilled 140 mtrs. depth. and Logged depth 136 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 03.Dec.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 = 8.40 Ohms.

Drilling Water Resistivity = 13.42 Ohms.

Approx Water Level = 9 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	34 - 45	11	Medium sand	Good
2.	49 - 60	11	Medium sand	Good
3.	68 - 79	11 - 6	Medium sand	Good
4.	94 - 108	14 - 6	Medium sand	Good
5.	111 - 115	4 - 3	Fine to Medium sand	Good

Note :- 1. Please ensure pre-monsoon water level before lower the well assembly
2. Predominated clay is present in depth range 7-25, 61-67, 84-93, mtr bgl.
3. Clay kankar is present in depth range 120 Mtr bgl to till depth logged.



