

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTOLOGGING REPORT

Ref No:-B- 394

Date:- 12-11-2024

NAME OF SITE

GRAM PANCHAYAT- Mirjapur Zone- 2, TW No- 2 BLOCK- Sadat
DISTT- Ghazipur

NAME OF AGENCY

M/s VSA Infra Projects 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- MIRJAPUR ZONE - 2, TW NO -2, BLOCK- SADAT, DISTT- GHAZIPUR
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 100 mtrs. depth. and Logged depth 100 mtrs. at above site. Was drilled by M/S VSA Infra Projects Pvt. Ltd. Ghazipur.

On the request of M/S VSA Infra Projects Pvt. Ltd. Ghazipur. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 12.Nov.2024.

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 = 14.90 Ohms.

Drilling Water Resistivity = 15.78 Ohms.

Approx Water Level = 8 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	13 - 17	4	Medium sand	Good
2.	28 - 32	4	Fine to Medium sand	Mod to Good
3.	55 - 60	5	Fine sand	Mod to Good

- Note :-
1. Please ensure pre-monsoon water level before lower the well assembly
 2. Clay kankar is present in depth range 9-12, 18-27, 33-38, 43-49 and 61 Mtr bgl to till depth logged.
 3. Quality Of Ground water is deteriorating Moderate in below 39-42, 50-53 Mtr bgl.



