

**GROUND WATER SURVEY CONSULTANCY**  
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL  
ELECTROLOGGING REPORT**

Ref No:-A-2009

Date:- 27-10-2023

**NAME OF SITE**

GRAM PANCHAYAT- Devkali

BLOCK- Devkali

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 = 450  
188 + 12  
200 x 200

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DEVKALI, BLOCK- DEVKALI, DISTT- GHAZIPUR  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 222 mtrs. depth. and Logged depth 220 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 27.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 = 14.46 Ohms.

Drilling Water Resistivity = 13.49 Ohms.

Approx Water Level = 6 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	39 - 55	16	Medium sand	Good
2.	85 - 98	13 - 12	Medium sand	Good
3.	115 - 140	25 - 12	Medium sand	Good

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

BP = 6 m  
200 x 200



