

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTOLOGGING REPORT**

Ref No:-A-2058

Date:- 31-10-2023

NAME OF SITE

GRAM PANCHAYAT- Rasulpur Kolawar 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



REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 225 mtrs. depth. and Logged depth 221 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 31.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 = 07.93 Ohms.

Drilling Water Resistivity = 08.22 Ohms.

Approx Water Level = 9 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	42 - 50	8	Fine to Medium sand	Mod to Good
2.	130 - 145	15	Medium sand	Good
3.	147 - 153	6	Medium sand	Good
4.	158 - 164	6	Fine sand	Moderate

- Note :-**
1. Please ensure pre-monsoon water level before lower the well assembly
 2. Quality Of Ground water is deteriorating Saline in between 66 to 90 Mtr and 183 Mtr bgl to till depth logged bgl.
 3. Predominated clay is present in depth range 60 to 65 and 95 to 105 and 175 to 180 mtr bgl.

Geophysicist



