

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTOLOGGING REPORT

Ref No:-B- 361

Date:- 14-10-2024

NAME OF SITE

GRAM PANCHAYAT- Bindwaliya TW No- 2, Zone -2, Scheme- Kaithwaliya Zone -2
BLOCK- Sadar 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
Agra



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BINDWALIYA TW NO- 2, ZONE -2, SCHEME- KAITHWALIYA ZONE- 2,
BLOCK- SADAR, DISTT- GHAZIPUR
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 200 mtrs. depth. and Logged depth 200 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 14.Oct.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 = 17.18 Ohms.

Drilling Water Resistivity = 18.87 Ohms.

Approx Water Level = 8 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	16 - 26	10	Medium sand	Good
2.	35 - 40	5	Medium sand	Good
3.	45 - 50	5	Medium sand	Good
4.	63 - 73	10	Medium sand & kankar	Good
5.	79 - 84	5	Medium sand	Good
6.	100 - 105	5	Fine to Medium sand	Good
7.	130 - 145	15	Medium sand	Good

Note :- 1. Please ensure pre-monsoon water level before lower the well assembly
2. Clay kankar is present in depth range 10-15, 27-34, 41-44, 51-62, 74-78, 85-99, 106-129 and 146 mtr bgl till depth logged.

