GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTOLOGGING REPORT

Ref No:-A-2100

Date:- 04-11-2023

NAME OF SITE

GRAM PANCHAYAT- Scheme- Dhanaipur Zone -1

BLOCK- Deokali

DISTT- Ghazipur

NAME OF AGENCY

VSA Infra Pvt. Ltd.
Ghazipur

GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

(M) : 9412260823, 9794625420, 9761163000, Email : gwsc_agra@yahoo.com

ISO ; 9001 : 2015

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REPORT ON GEOPHYSICAL WELL LOGGING
AT

GRAM PANCHAYAT- SCHEME- DHANAIPUR ZONE -1 BLOCK- DEOKALI, DISTT- GHAZIPUR

UNDER

JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 220 mtrs. depth. and Logged depth 185 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 04.Nov.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 = 7.82 Ohms.

Drilling Water Resistivity = 9.51 Ohms.

Approx Water Level = 5 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	35 - 38	3	Medium sand	Good
2.	40 - 45	5	Medium sand	Good
3.	52 - 56	4	Medium sand	Good
4.	118 - 137	19	Medium sand & kankar	Good

Note :- 1. Please ensure pre-monsoon water level before lower the well assembly
2. Clay kankar is present in depth range 143 Mtr bgl to till depth logged.

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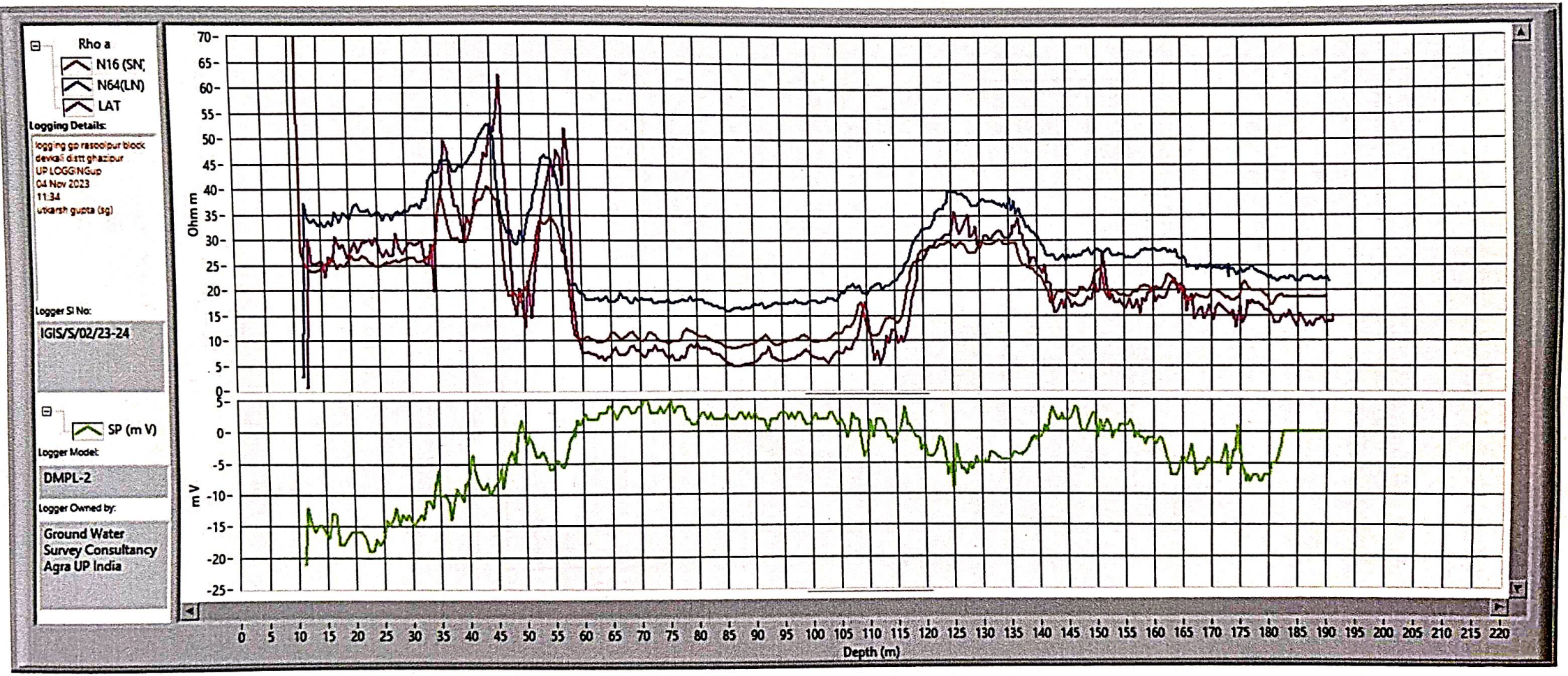
Geophysicist



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