

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTOLOGGING REPORT

Ref No:-B- 330

Date:- 04-05-2023

NAME OF SITE

GRAM PANCHAYAT- Gajroula

BLOCK- Marori

DISTT- Pilibhit

NAME OF AGENCY

M/s Vishvaraj Environment Pvt. Ltd.



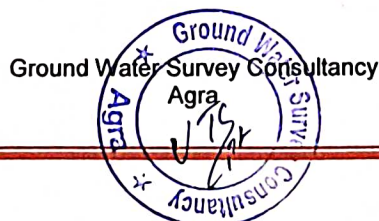
GROUND WATER SURVEY CONSULTANCY

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

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ISO ; 9001 : 2015



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- GAJROULA, BLOCK- MARORI, DISTT.- PILIBHIT
UNDER
JAL JIVAN MISSION

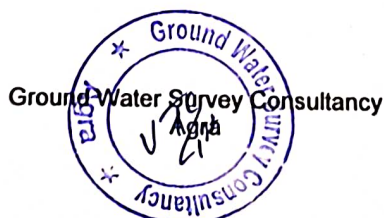
Introduction :

A Deep bore hole was drilled 150 mtrs. depth. and Logged depth 150 mtrs. at above site. Was drilled by M/s Vishvaraj Environment Pvt. Ltd.

On the request of M/s Vishvaraj Environment Pvt. Ltd. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 04.May.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:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 12	7	Clay kankar	
3.	12 - 25	13	Fine sand	
4.	25 - 38	13	Clay kankar	
5.	38 - 65*	27	Medium sand	Good
6.	65 - 70	5	Clay kankar	
7.	70 - 90*	20	Medium sand	Good
8.	90 - 95	5	Clay kankar	
9.	95 - 105*	10	Medium sand	Good
10.	105 - 115	10	Clay kankar	
11.	115 - 130	15	Sand & kankar	Good
12.	130 - 150	20	Clay kankar	



Conclusions and Recommendations :-

1. The Lithology broadly tallies with that of drill cutting strata chart.
2. The zones marked with asterisk (*) appear to be aquifer zones for possible development of tubewell.
3. The Quality of water is expected Good.
4. It is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.
5. All projections and recommendations are subject to the inherent limitations of the technique employed and there could be variations as the underground conditions are not always amenable to physical interpretations.



Ground Water Survey Consultancy

Rho a
 N 16SN
 N 64 LN
 LAT
 Location: Logging Site: G-10/1-3000
 Meter Date: 20/01/2022
 Log No: UP/1005/S/2022
 Date: 17/11/2022
 Client: Uthmaniyah Group (UAG)
 Well Name:

Logger S No: IGIS/S/04/21-22

Logger Model: DMPL-2
 Logger Owned by:

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