

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

**GEO-PHYSICAL WELL  
ELECTROLOGGING REPORT**

Ref No:-B- 96

Date:- 15-04-2023

**NAME OF SITE**

GRAM PANCHAYAT- Pasiya Nagla + Azampur Bisauriya  
DISTT- Badaun

BLOCK- Dataganj

**NAME OF AGENCY**

M/s PNC-SPML-JV  
Badaun



**GROUND WATER SURVEY CONSULTANCY**

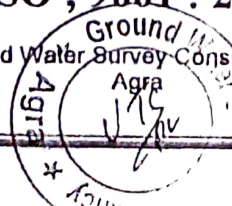
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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**ISO ; 9001 : 2015**

Ground Water Survey Consultancy  
Agra



# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- PASIYA NAGLA + AZAMPUR BISAURIYA, BLOCK- DATAGANJ,  
DISTT- BADAUN  
UNDER  
JAL JIVAN MISSION

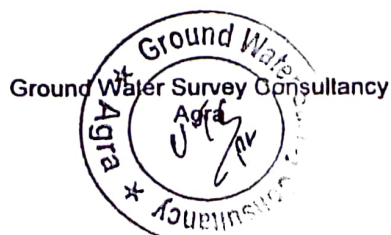
## Introduction :

A Deep bore hole was drilled 130 mtrs. depth. and Logged depth 130 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badaun.

On the request of M/S PNC-SPML-JV, Badaun. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 15.April.2023.

Logging Parameters - 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 - 15	10	Sandy clay	
3.	15 - 22	7	Clay kankar	
4.	22 - 36	14	Fine to Medium sand	Medium
5.	36 - 48	12	Clay kankar	
6.	48 - 85*	37	Medium sand & kankar	Medium
7.	85 - 94	9	Clay kankar	
8.	94 - 111*	17	Medium sand	Medium
9.	111 - 130	19	Clay kankar	



## Conclusions and Recommendations :-

1. The Lithology broadly tallies with that of drill cutting starta chart.
2. The zones marked with asterisk (\*) appear to be aquifer zones for possible development of tubewell.
3. The Quality of water is expected Medium.
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.

**Geophysicist**



**Ground Water Survey Consultancy**

Sheet 2

N16 (SN)  
N26 (SN)

Logging Details

Project Name: ...  
Client: ...  
Date: ...

ISS: 01/21-22

SP (m V)

Logger Name: ...  
DIP: L-2

Logger Contact by:  
GROUND WATER  
SURVEY  
CONSULTANCY  
AGRA, UP, India

