

GROUND WATER SURVEY CONSULTANCY  
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL  
ELECTROLOGGING REPORT

Ref No:-B-598

Date:- 24-05-2023

NAME OF SITE

GRAM PANCHAYAT- Daulatpur

BLOCK- Asafpur

DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV  
Badaun



GROUND WATER SURVEY CONSULTANCY

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

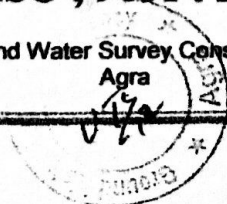
112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

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**ISO ; 9001 : 2015**

Ground Water Survey Consultancy

Agra



# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DAULATPUR, BLOCK- ASAFPUR, DISTT.- BADAUN  
UNDER  
JAL JIVAN MISSION

## Introduction :

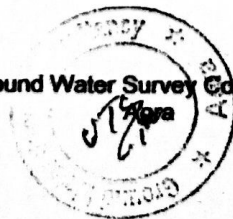
A Deep bore hole was drilled 105 mtrs. depth. and Logged depth 105 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badaun.

On the request of M/S PNC-SPML-JV, Badaun. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 24.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 - 15	10	Dry sand	
3.	15 - 23	8	Fine sand	
4.	23 - 39	16	Clay kankar	
5.	39 - 60*	21	Medium sand	Good
6.	60 - 63	3	Kankar	
7.	63 - 84*	21	Medium sand	Good
8.	84 - 93	9	Clay kankar	
9.	93 - 105*	12	Fine to Medium sand	Good

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**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.

**Geophysicist**



**Ground Water Survey Consultancy**

Rho a

- NI6 (SN)
- NS4(LN)
- LAT

Logging Details:

V - Gaurav Eco-Block  
 D-Date: 7  
 UP: AGGRM, P  
 21/10/2023  
 10:11  
 URBAN: G-01, 48

Logger's No: IGIS/S/02/22-23

Logger Name: SP (m V)

Logger Model: DMP-L-2

Logger Name of: GROUND WATER SURVEY CONSULTANCY AGRRA, UP, INDIA

