

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

**GEO-PHYSICAL WELL  
ELECTROLOGGING REPORT**

Ref No:- 1448

Date:- 27-12-2022

**NAME OF SITE**

Gram Panchayat- Amiliya

BLOCK- Salarpur

DISTT- Badaun

**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

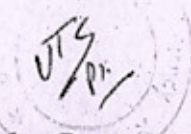




**Conclusions and Recommendations :-**

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**



# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- AMILIYA, BLOCK- SALARPUR, DISTT.- BADAUN  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 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 27.Dec.2022.

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 - 18	13	Dry sand	
3.	18 - 30	12	Clay kankar	
4.	30 - 40	10	Medium sand	
5.	40 - 48	8	Clay kankar	Good
6.	48 - 78*	30	Medium sand	
7.1	78 - 82	4	Clay kankar	Good
8.	82 - 96*	14	Medium sand	
9.	96 - 110	14	Clay kankar	Good

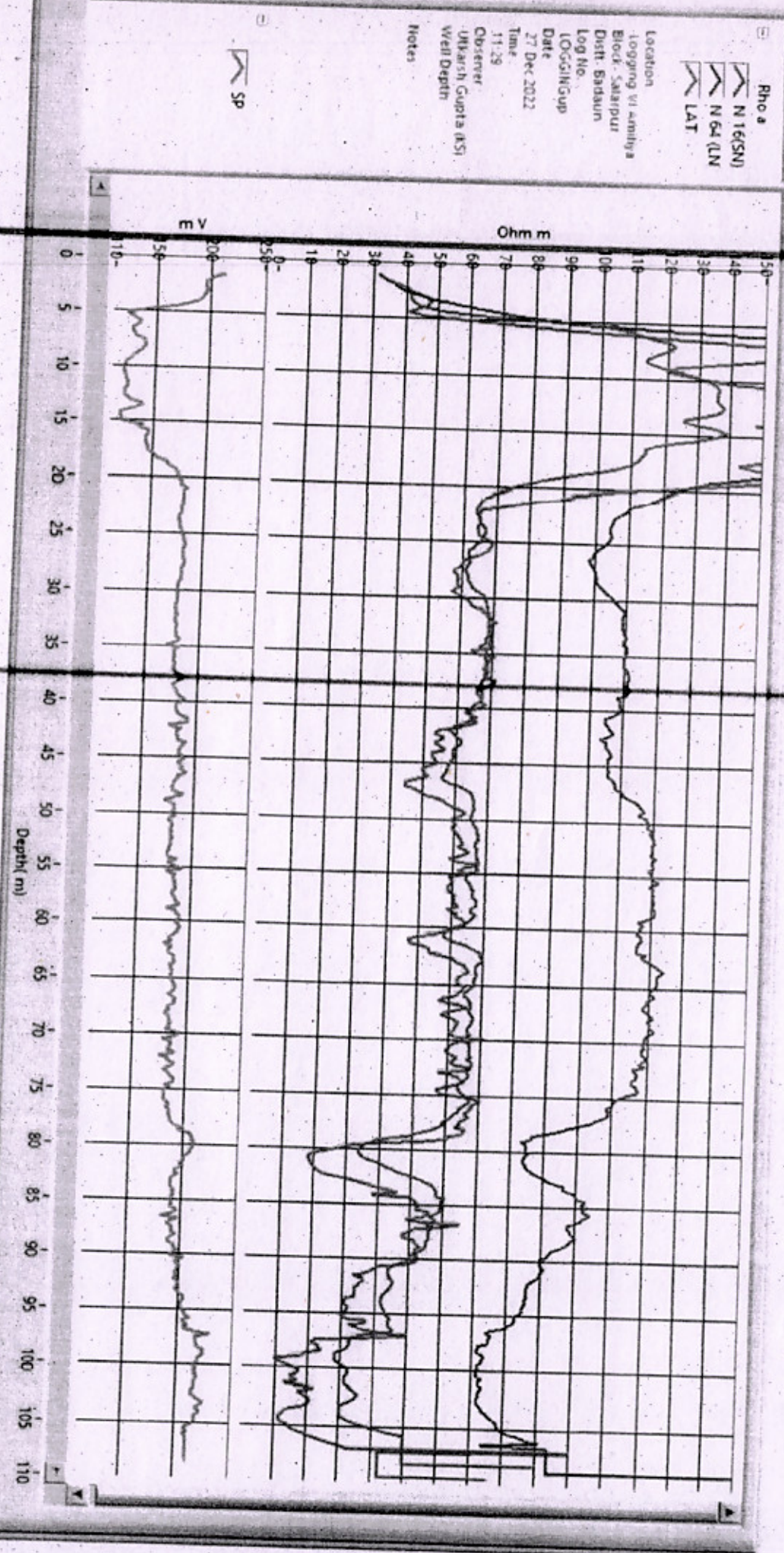




Rho a  
 N 16(SN)  
 N 64 (LN)  
 LAT

Location  
 Logging via amitya  
 Block: Salarpur  
 Dist: Badaun  
 Log No.  
 LOGSINGUP  
 Date  
 27 Dec 2022  
 Time  
 11:29  
 Observer  
 -Utkarsh Gupta (SI)  
 Well Depth

SP



UTG/PP