

GROUND WATER SURVEY CONSULTANCY  
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL  
ELECTROLOGGING REPORT

Ref No:-A-77

Date:- 04-04-2023

NAME OF SITE

GRAM PANCHAYAT- Ishanlipur Virampur BLOCK- Datagnaj 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-Three Nagar Colony, Firozabad Road, Agra-282006  
(M) : 9412260823, 9794625420, 9761163000, Email : gwsc\_agra@yahoo.com

ISO : 9001 : 2015



# REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT: ISHMILEPUR VIRAMPUR, BLOCK - DATAGANT,

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 GIS Well Logger on 04 April, 2023

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral,

Details of major equifer 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 - 10	5	Dry sand	
3.	10 - 18	8	Clay	
4.	18 - 26	8	Medium sand	Medium
5.	26 - 31	5	Clay kankar	
6.	31 - 38	7	Medium sand	Medium
7.	38 - 41	3	Clay kankar	
8.	41 - 44	3	Fine to Medium sand	Medium
9.	44 - 47	3	Clay kankar	
10.	47 - 78*	31	Medium sand	Medium
11.	78 - 82	4	Clay kankar	
12.	82 - 90*	8	Medium sand	Medium
13.	90 - 106	16	Clay kankar	
14.	106 - 130*	24	Medium sand	Medium

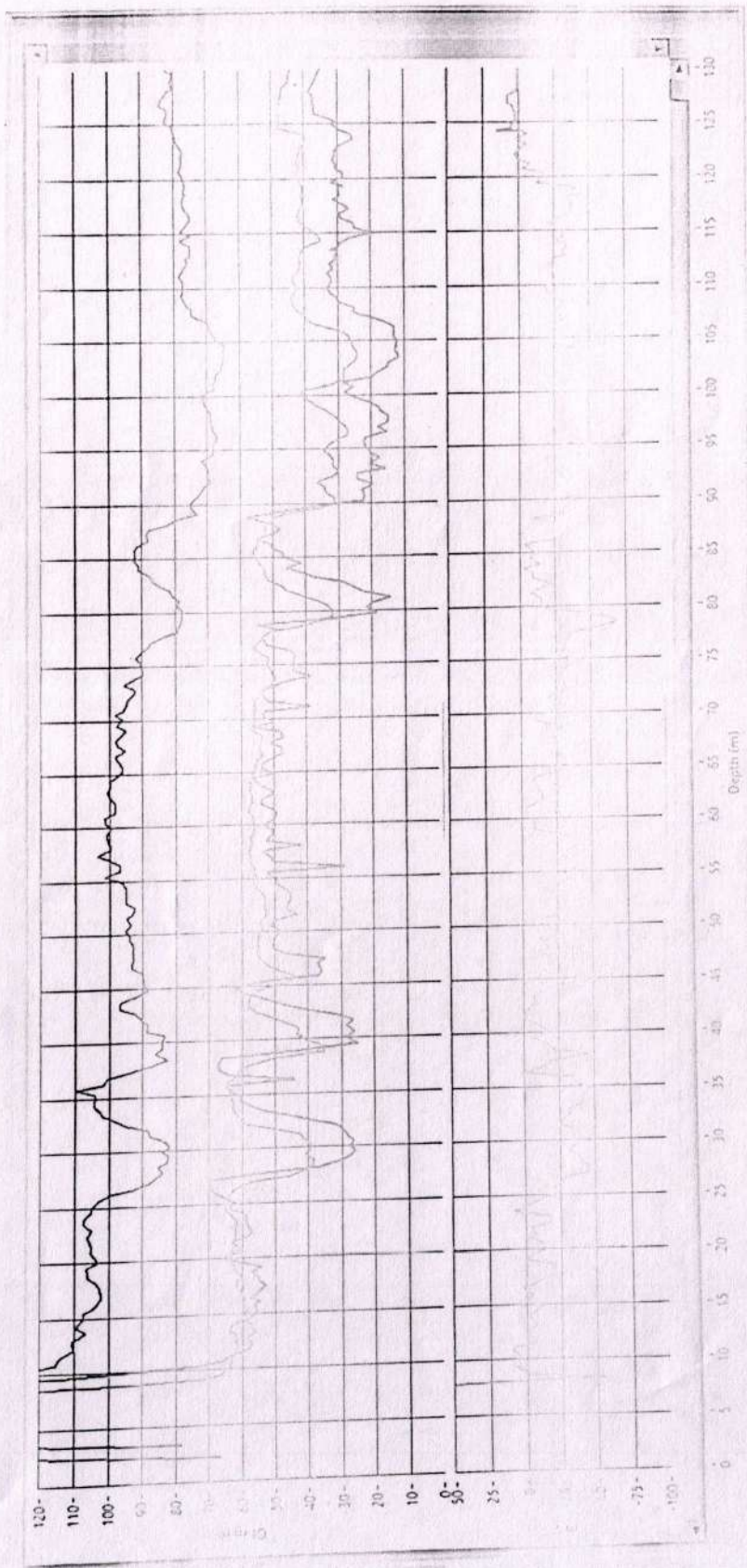


Conclusions and Recommendations :-

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.



Ground Water Survey Consultancy



Rho s  
 NI6 (SF)  
 NI6(LM)  
 LAT

Page No  
 NG/S/03/21-22

SP (mV)  
 GROUND WATER  
 SURVEY  
 CONSULTANCY  
 AGRA INDIA

