

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:-A-2274

Date:- 29-11-2023

NAME OF SITE

GRAM PANCHAYAT- Kadarchowk BLOCK - Kadar Chowk 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
(M) : 9412260823, 9794625420, 9761163000, Email : gwsc_agra@yahoo.com

ISO ; 9001 : 2015

Ground Water Survey Consultancy
Agra

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT-KADARCHOWK, BLOCK-KADAR CHOWK,

DISTT.-BADAUN

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 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 29.Nov.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	Fine sand	
3.	15 - 20	5	Clay kankar	
4.	20 - 29	9	Medium sand	Medium
5.	29 - 35	6	Clay kankar	
6.	35 - 43	8	Fine sand	
7.	43 - 46	3	Clay kankar	Medium
8.	46 - 67*	21	Medium sand	Medium
9.	67 - 78	11	Clay kankar	
10.	78 - 85	7	Fine sand	Medium
11.	85 - 99	14	Clay kankar	
12.	99 - 105*	6	Medium sand	Medium
13.	105 - 108	3	Clay kankar	
14.	108 - 114*	6	Medium sand	Medium
15.	114 - 118	4	Clay kankar	
16.	118 - 124	6	Kankar	
17.	124 - 150	26	Clay kankar	

Conclusions and Recommendations :-

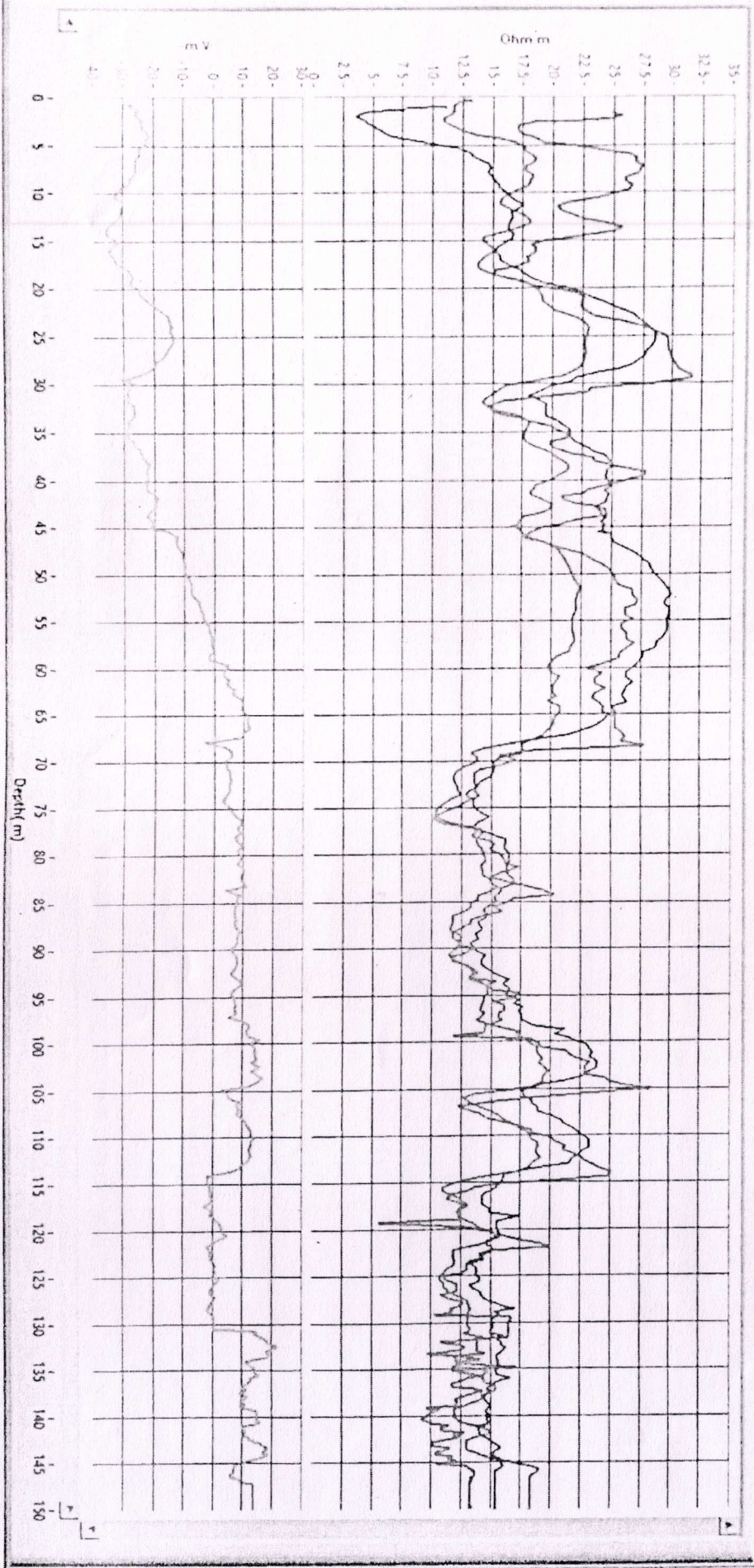
1. The Lithology broadly tallies with that of drill cutting strata chart.
2. The zones marked with asterisk (*) appear to be aquifer zones for possible development of tubewell.
3. The Quality of water is expected Medium.
4. It is recommended to have a chemical and bacteriological analysis of the water 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.



RHO A
N (GSM)
N (M) (G)
LAT

Project: Ground Water Survey
Date: 02/22/23
Sheet: 1 of 1
Scale: 1:1000
Drawing: 1

SP
DAPI 2
GROUND WATER SURVEY CONSULTANCY
AGFA UB, INDIA



Signature