

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTROLOGGING REPORT**

Ref No:-A-2147

Date:- 05-11-2023

NAME OF SITE

GRAM PANCHAYAT- Sakri Jangal

BLOCK- Ujhani

DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

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

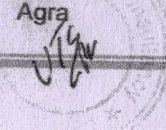
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ISO ; 9001 : 2015

Ground Water Survey Consultancy

Agra



REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- SAKRI JANGAL, BLOCK- UJHANI,

DISTT- BADAUN

UNDER

JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 140 mtrs. depth. and Logged depth 140 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 05.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

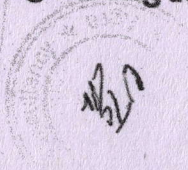
of Strata Chart prepared from drill cuttings are given in the following table:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 14	9	Clay kankar	
3.	14 - 21	7	Dry sand	
4.	21 - 35	14	Clay kankar	
5.	35 - 42	7	Medium sand	Medium
6.	42 - 47	5	Clay kankar	
7.	47 - 50*	3	Medium sand	Medium
8.	50 - 63	13	Clay kankar	
9.	63 - 74*	11	Medium sand	Medium
10.	74 - 82	8	Clay kankar	
11.	82 - 94*	12	Medium sand	Medium
12.	94 - 115	21	Clay kankar	
13.	115 - 131*	16	Medium sand	Medium
14.	131 - 140	9	Clay kankar	

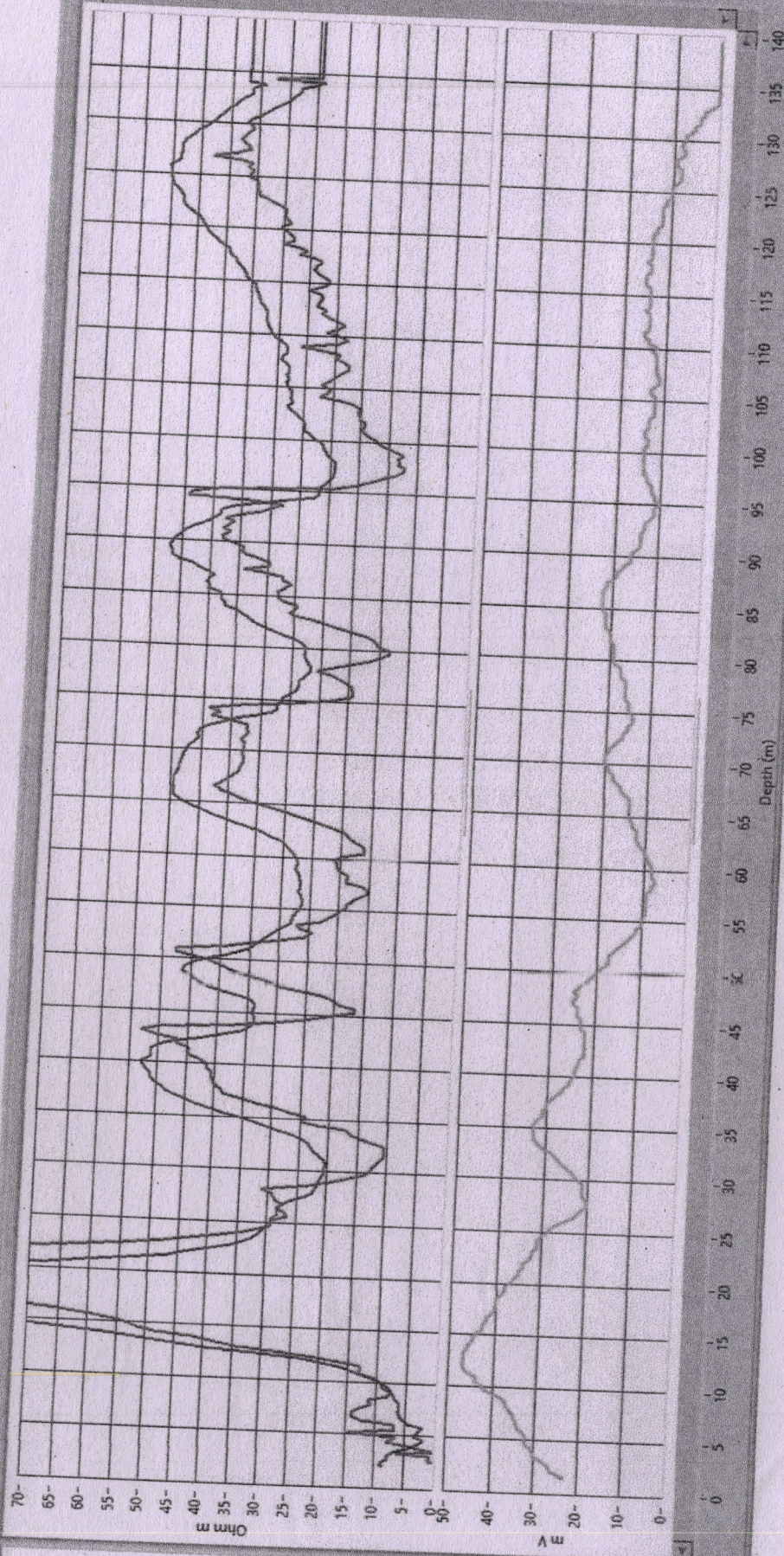
Conclusions and Recommendations :-

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.

Geophysicist



Ground Water Survey Consultancy



Rho a
 N16 (SN)
 N64(LIN)
 LAT

Logging Details:
 Logging SP Bore/Jangle
 Block/Upari/Chitt Borsan
 UP, INDIA
 04 May 2013
 03:55
 Meter-Gcm (4.0)

Logger SI No:
 IGIS/S/01/21-22

Logger Model:
 DKPL-2

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

