

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:-A-2613

Date:- 17-02-2024

NAME OF SITE

GRAM PANCHAYAT- Abhaypur Peera
BLOCK- Samrer
DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



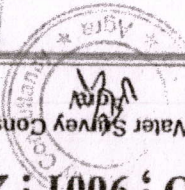
GROUND WATER SURVEY CONSULTANCY

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

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ISO : 9001 : 2015

Ground Water Survey Consultancy



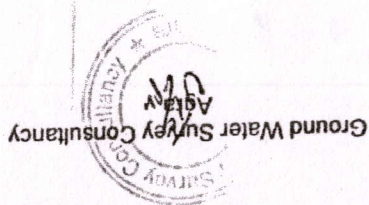
REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- ABHAYPUR PEERA, BLOCK- SAMRER, 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 is conduct at above bore hole using IGIS Well Logger on 17.Feb.2024.
 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:-

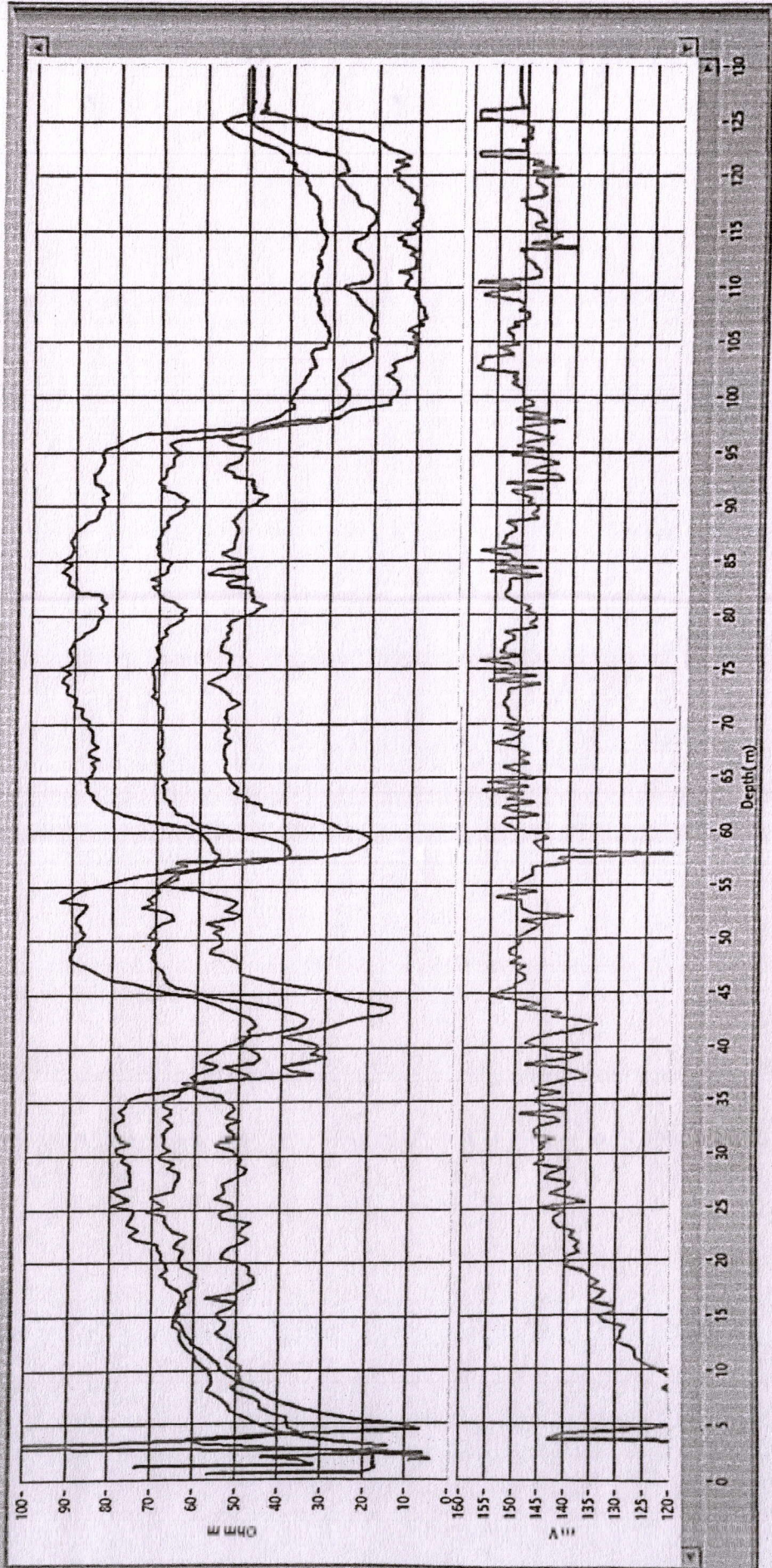


S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Clay	
3.	10 - 16	6	Medium sand	Medium
4.	16 - 22	6	Clay kankar	
5.	22 - 25	3	Medium sand	Medium
6.	25 - 45	20	Clay kankar	
7.	45 - 56*	11	Medium sand	Medium
8.	56 - 61	5	Clay kankar	
9.	61 - 79*	18	Medium sand	Medium
10.	79 - 82	3	Kankar	
11.	82 - 96*	14	Medium sand	Medium
12.	96 - 124	28	Clay kankar	
13.	124 - 125	1	Fine sand	Medium
14.	125 - 130	5	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 16(S)0
 N 64 (LN)
 LAT

Location
 Logging of Abhishek
 Prasad & Son, Bhubaneswar,
 Bhubaneswar
 Log No.
 UP/1000/AG/20
 Date
 17 Feb 2024
 Time
 18:03
 Operator
 Ushank Gupta (A2)
 Field Deputy

Log No:
 IG/S/01/21-22

SP
 Logger Model:
 DMPL-2
 Logger Owned by:
 GROUND WATER
 SURVEY
 CONSULTANCY
 AGRA, UP, India

