

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:-A-08

Date:- 11-04-2024

NAME OF SITE 1111

Gram Panchayat-Chatarpur Mahrola BLOCK-Islamagar DISTT-Badoun

NAME OF AGENCY

M/s PNC-SPML-JV
Badoun



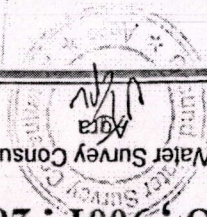
GROUND WATER SURVEY CONSULTANCY

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

JAM PANCHAYAT-CHATARPUR MAHROLA, BLOCK-ISLAMNAGAR, DISTT.-BADAU

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, Badoun.

On the request of M/S PNC-SPML-JV, Badoun. a Geophysical well

Logging in the above bore hole using GIS Well Logger on 11.April.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

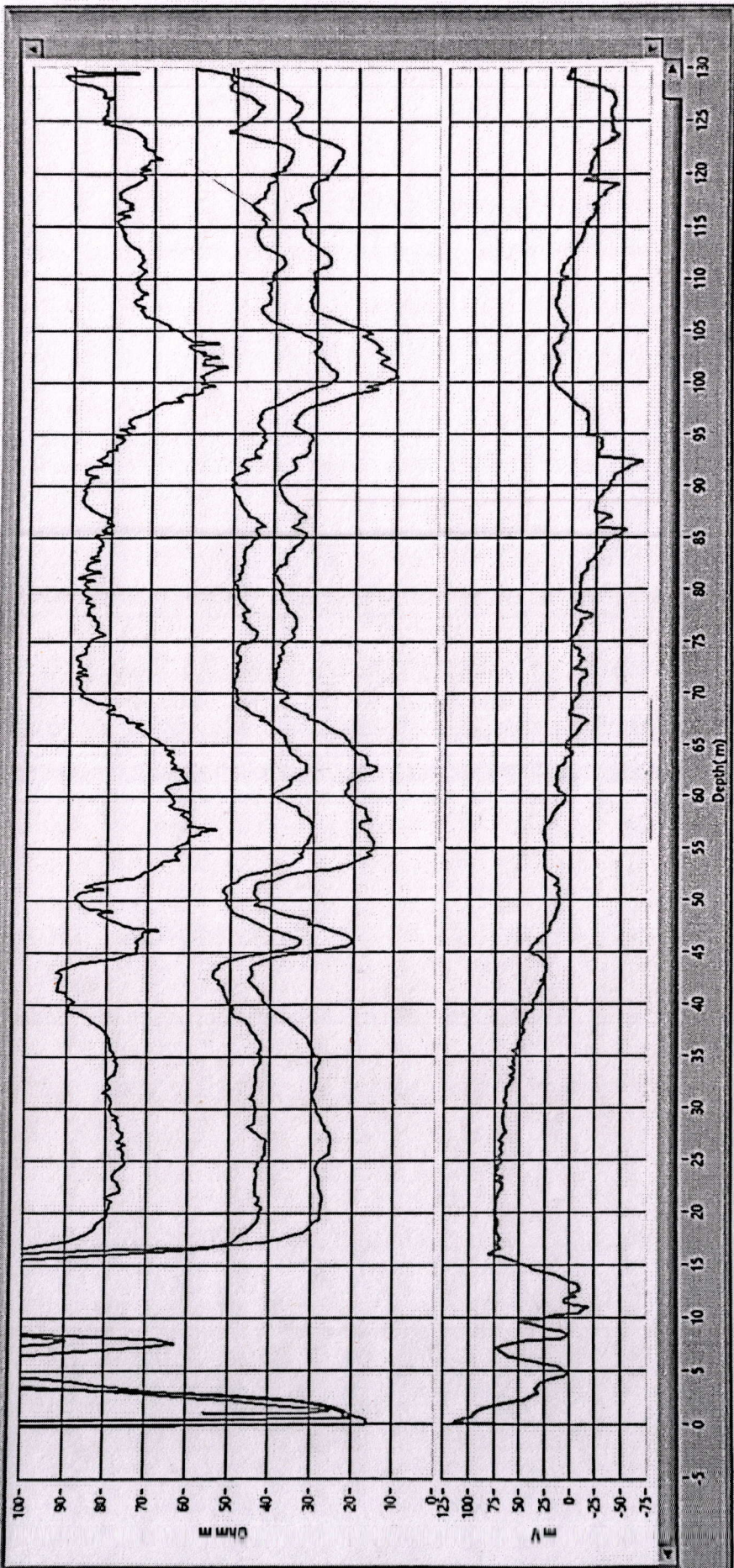
of Strata Chart prepared from drill cuttings are given in the following table:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 18	13	Dry sand	
3.	18 - 39	21	Clay kankar	
4.	39 - 44	5	Medium sand	Med to Good
5.	44 - 47	2	Clay kankar	
6.	47 - 52*	5	Medium sand	Med to Good
7.	52 - 67	15	Clay kankar	
8.	67 - 97*	30	Medium sand	Med to Good
9.	97 - 106	9	Clay kankar	
10.	106 - 120*	14	Medium sand	Med to Good
11.	120 - 125	5	Clay kankar	
12.	125 - 130*	5	Medium sand	Med to Good

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 tube well.
3. The Quality of water is expected Medium to 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.





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 N 16SD
 N 64 (LN
 LAT

Location:
 Logging Character:
 Mandra & Bora
 Sarni Bazar
 Log No.:
 UP LOGS/10/11
 Date:
 11 Apr 2014
 Time:
 17:34
 Operator:
 Umesh Kumar (AZ)
 Well Depth:

Logger S No:
 IGSS/07/10-11

SP
 Logger Model:
 DMPL-2

Logger Owned by:
 Ground Water
 Survey Consultancy
 Agra UP India
 India

