



Ground Water Survey Consultancy

ISO : 9001 : 2015

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GROUND WATER SURVEY CONSULTANCY
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.



NAME OF AGENCY
M/s PNC-SPML-JV
Badanun

Gram Panchayat-Abbumagar BLOCK - Sahaswan DISTT - Badanun

NAME OF SITE 1111

Date:- 03-04-2024

Ref No:-B-09

**GEO-PHYSICAL WELL
ELECTROLOGGING REPORT**

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT-ABBUNAGAR, BLOCK- SAHASWAN, DISTT- BADAUN

UNDER

JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 140 mtrs. depth. and Logged depth 135 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

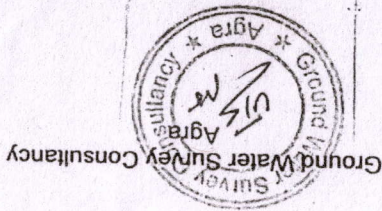
Logging in the above bore hole using IGIS Well Logger on 03.April.2024.

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 - 8	3	Clay kankar	
3.	8 - 12	4	Fine sand	
4.	12 - 18	6	Clay kankar	
5.	18 - 35	17	Medium sand	Medium
6.	35 - 40	5	Clay kankar	
7.	40 - 52	12	Medium sand	Medium
8.	52 - 60	8	Clay kankar	
9.	60 - 68*	8	Medium sand	Medium
10.	68 - 79	11	Clay kankar	
11.	79 - 105*	26	Fine to Medium sand & kan	Medium
12.	105 - 113	8	Clay kankar	
13.	113 - 118	5	Fine sand & kankar	Medium
14.	118 - 135	17	Clay kankar	

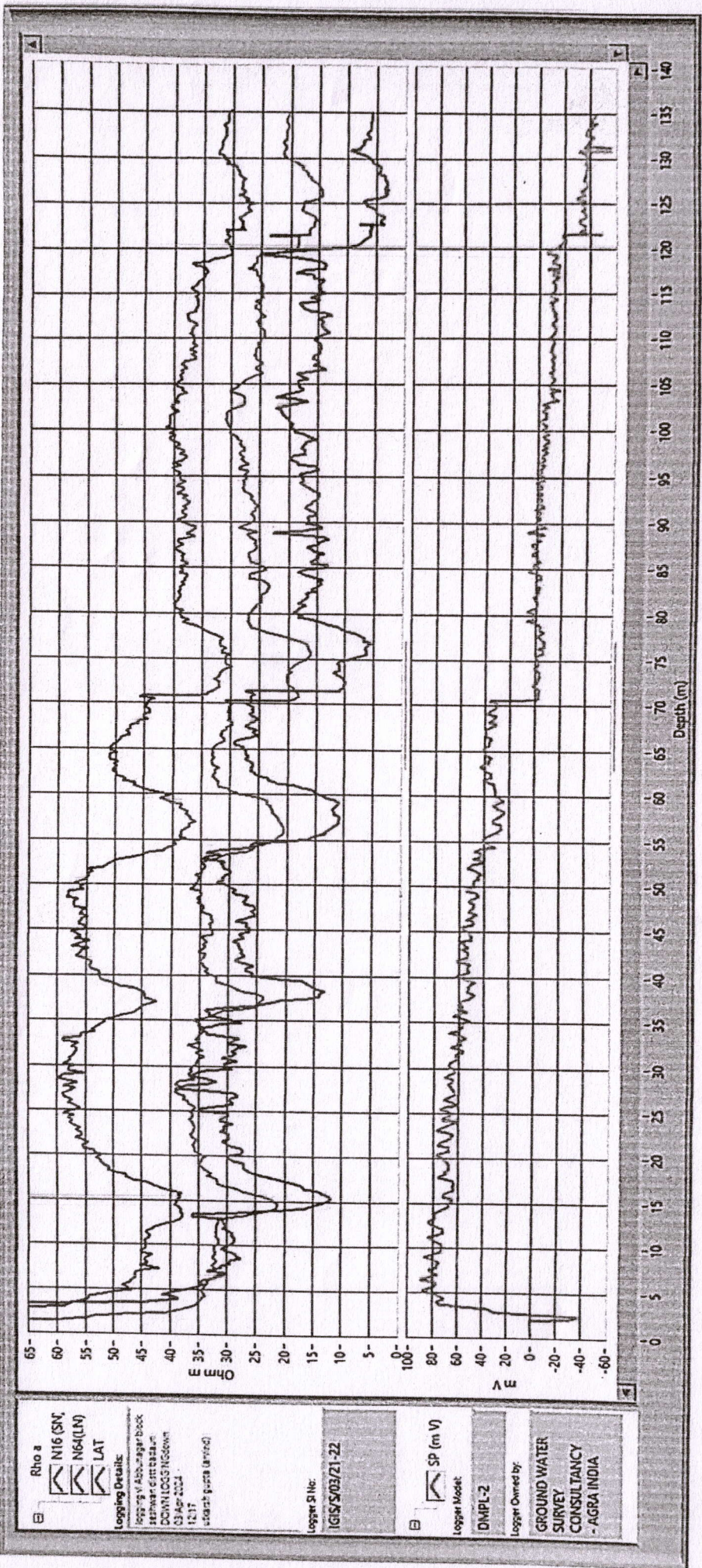


Conclnsions and Recommendations :-

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.
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.



Geologist



Rho a
 N16 (SN)
 N64 (LN)
 LAT

Logging Details:
 Logging V. Abhi-agar book
 1877447-61123424
 CDW/11055/1636001
 03 Apr 2024
 12.17
 (start gura (arriv))

Logger SI No:
 1GIS/5/03/21-22

SP (m V)
 Logger Model:
 DMPL-2

Logger Owned by:
 GROUND WATER
 SURVEY
 CONSULTANCY
 - AGRA INDIA

