



Ground Water Survey Consultancy

ISO : 9001 : 2015

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



ESTD. 2010

AGRA

Badoun

M/s PNC-SPML-JV

NAME OF AGENCY

Gram Panchayat-Bhawaniipur Khali
BLOCK-Dahaganwan
DISTT-Badoun

NAME OF SITE.1111

Date:- 06-05-2024

Ref No:-A-43

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- BHAWANIPUR KIALI, BLOCK- DAHAGAWAN, 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.

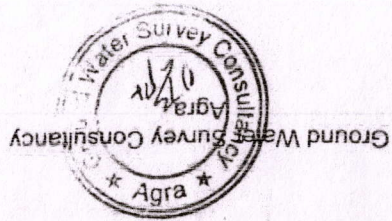
On the request of M/S PNC-SPML-JV, Badaun. a Geophysical well

Logging in the above bore hole using IGIS Well Logger on 06.May.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 - 17	12	Clay kankar	
3.	17 - 33	16	Medium sand	Medium
4.	33 - 47	14	Clay kankar	
5.	47 - 66*	19	Medium sand	Medium
6.	66 - 80	14	Clay kankar	
7.	80 - 85*	5	Medium sand	Medium
8.	85 - 88	3	Clay kankar	
9.	88 - 91	3	Fine sand	Medium
10.	91 - 97	6	Clay kankar	
11.	97 - 120*	23	Medium sand	Medium
12.	120 - 130	10	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 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

