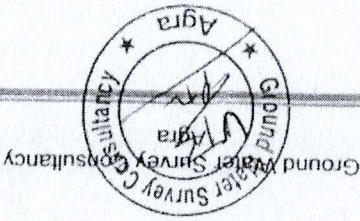


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GROUND WATER SURVEY CONSULTANCY
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.
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(M) : 9412260823, 9794625420, 9761163000. Email : gwsc_agra@yahoo.com
ISO : 9001 : 2015



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

NAME OF SITE
Gram Panchayat-Nagpur Noorpur BLOCK-Bisoli DISTT-Badoun

Date:- 21-12-2021

Ref No:- 222

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS
ELECTROLOGGING REPORT

For Borewell

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- NAGPUR NOORPUR, BLOCK- BISOLI, DISTT.- BADAUN

UNDER

JAL JIVAN MISSION

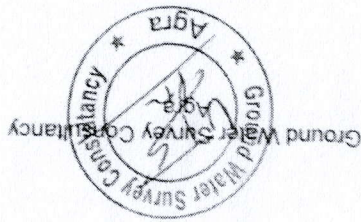
Introduction:

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 21 Dec.2021.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major equifer 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 - 30	12	Clay kankar	
4.	30 - 65*	35	Medium sand	Good
5.	65 - 72	7	Kankar & Sand	
6.	72 - 95*	23	Fine to Med. sand & Kankar	Good
7.	95 - 100	5	Clay kankar	
8.	100 - 120*	20	Medium sand	Good
9.	120 - 130	10	Clay kankar	



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For Bhagwati Borewell

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Conclusions and Recommendations :-

1. The Lithology broadly tallies with that of drill cutting starta chart.
2. The zones marked with asterisk (*) appear to be aquifer zones for possible development of tubewell.
3. The Quality of water is expected Good
4. Expected discharge is 1200 to 1400 L.P.M.
5. 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.
6. 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.



Ground Water Survey Consultancy

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