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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
Badoun

NAME OF SITE
Gram Panchayat- Nagla Dallu BLOCK - Ambiyapur
DISTT - Badoun

Ref No:- 261

Date:- 28-12-2021

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

For Bill of Materials, Boqewer

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- NAGLA DALLU, BLOCK- AMBIYAPUR, DISTT.- BADAUN

UNDER

JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 119 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 28. 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 - 45	15	Medium sand	Medium
5.	45 - 60	15	Clay kankar	
6.	60 - 76*	16	Medium sand	Medium
7.	76 - 78	2	Clay	
8.	78 - 88*	10	Medium sand	Medium
9.	88 - 100	12	Clay kankar	
10.	100 - 119*	19	Medium sand & Kankar	Medium



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Agra

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For Bhagwati Borewell

Ground Water Survey Consultancy



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 Medium.
4. Expected discharge is 1100 to 1200 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.

Conclusions and Recommendations :-

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