

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:- 1371

Date:- 14-12-2022

NAME OF SITE

Gram Panchayat-Nibhera Sarvarpur BLOCK-Bisauli DISTT-Budaun

NAME OF AGENCY

M/s PNC-SPML-JV
Budaun



GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations,
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ISO ; 9001 : 2015

Ground Water Survey Consultancy





S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 15	10	Dry sand	
3.	15 - 30	15	Clay kankar	
4.	30 - 49	19	Medium sand	Medium
5.	49 - 57	8	Clay kankar	
6.	57 - 74*	17	Medium sand & Kankar	Medium
7.	74 - 81	7	Clay kankar	
8.	81 - 92*	11	Medium sand	Medium
9.	92 - 105	13	Clay kankar	
10.	105 - 110*	5	Medium sand	Medium

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT-NIBHERA SARVAPUR, BLOCK-BISALI

DIST.-BUDAUN

UNDER

JAL JIVAN MISSION

Introduction:

A Deep bore hole was drilled 110 mtrs. depth and Logged depth 110 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 conducted

at above bore hole using IGIS Well Logger on 14.Dec.2022. The logging was done

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:-



Geophysicist

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. 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.

Conclusions and Recommendations :-

