

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:-N-912

Date:- 21-01-2023

NAME OF SITE

Gram Panchayat- Sanjaypur

BLOCK- Mion

DISTT- Budaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



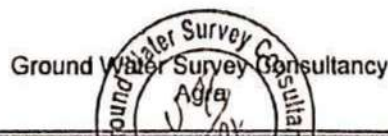
GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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ISO ; 9001 : 2015



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SANJAYPUR, BLOCK- MION, DISTT.- BUDAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 117 mtrs. depth. and Logged depth 116 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.Jan.2023.

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 - 12	7	Clay kankar	
3.	12 - 23	11	Dry sand	
4.	23 - 28	5	Clay kankar	
5.	28 - 37	9	Medium sand	Good
6.	37 - 40	3	Clay kankar	
7.	40 - 48*	8	Medium sand	Good
8.	48 - 53	5	Clay	
9.	53 - 61*	8	Medium sand	Good
10.	61 - 65	4	Clay kankar	
11.	65 - 73*	8	Medium sand	Good
12.	73 - 80	7	Clay kankar	
13.	80 - 90	10	Sand & kankar	Good
14.	90 - 100	10	Clay kankar	
15.	100 - 111*	11	Medium sand	Good
16.	111 - 116	5	Clay	

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 tubewell.
3. The Quality of water is expected Good.
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.

Geophysicist



Ground Water Survey Consultancy

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 IGSS 5/03/21-22
 Logging Details:
 M16 (SN)
 NSQ(U)
 LAT
 SP (m V)
 DMP1-2
 Ground Water Survey
 Consultancy - Agra
 India

