

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTOLOGGING REPORT**

Ref No:- 1037

Date:- 17-10-2022

NAME OF SITE

Gram Panchayat- Ambiyapur

BLOCK- Salarpur

DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

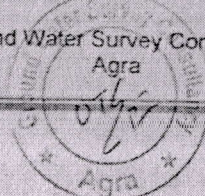
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

(M) : 9112260823, 9794625420, 9761163000, Email : gwsc_agra@yahoo.com

ISO ; 9001 : 2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- AMBIYAPUR, BLOCK- SALARPUR, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

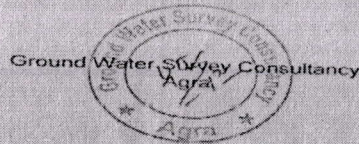
Introduction :

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 conduct at above bore hole using IGIS Well Logger on 17.Oct.2022.

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 - 8	3	Clay	
3.	8 - 22	14	Dry sand	
4.	22 - 45	23	Clay kankar	
5.	45 - 50	5	Fine sand	Medium
6.	50 - 55	5	Clay kankar	
7.	55 - 84*	29	Medium sand & Kankar	Medium
8.	84 - 92	8	Clay kankar	
9.	92 - 108*	16	Medium sand & Kankar	Medium
10.	108 - 110	2	Clay kankar	



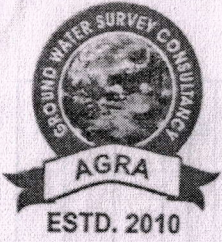
Conclusions and Recommendations :-

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 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.

Geophysicist



Ground Water Survey Consultancy



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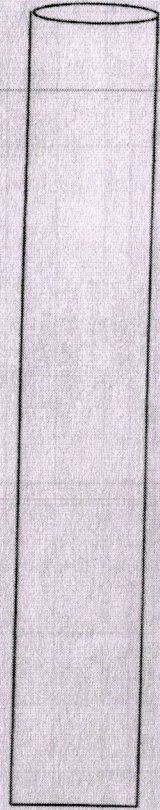
Date: 17-10-2022

GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

DETAIL OF WATER BEARING ZONES

Name Of Agency- PNC Budann DHRUV Tubel
 Village - Ambiyapur Block- Salanpur
 District- Budann Logging Depth- 110 mts
 Drilling Depth- 110 mts Water Level- 22 mts

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0-5	Surface Soil	
2	5-8	Clay	
3	8-22	Dry Sand	
4	22-45	Clay Banker	
5	45-50	Fine Sand	Medium
6	50-55	Clay Banker	
7	55-84*	Medium Sand + Banker	Medium
8	84-92	Clay Banker	
9	92-108*	Medium Sand + Banker	Medium
10	108-110	Clay Banker	
11			
12			
13			
14			
15			
16			
17			
18			
19			



Expected Water Bearing Zone

For Ground Water Survey Consultancy

S. K. Singh

Geophysicist

Specializations In

Electric Well Logging, Geophysical Survey, Resistivity Survey, Rainwater Harvesting,
 Construction of Recharge Well, Rectification of Tubewells, Ground Water Investigations.

Rho a
 N 16(SM)
 N 64 (LN)
 LAT

Location:
 Logging VI
 Ambhapur Block
 Sahaspur Dist
 Budaun
 Log No. LOGGINGUP
 Date 17 Oct 2022
 Time 09:44
 Observer Utkarsh Gupta (G)
 Well Depth

SP

