

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTOLOGGING REPORT**

Ref No:-B-2175

Date:- 23-10-2023

NAME OF SITE

GRAM PANCHAYAT- Disauliganj

BOCK- Bisauli

DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

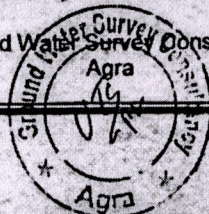
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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

(M) : 9412260823, 9794625420, 9761163000, Email : gwsc_agra@yahoo.com

ISO ; 9001 : 2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DISAULIGANJ, BLOCK- BISAULI, DISTT- BADAUN UNDER JAL JIVAN MISSION

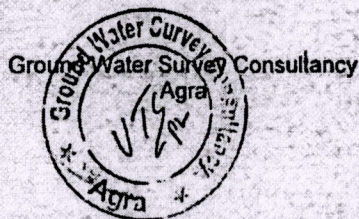
Introduction :

A Deep bore hole was drilled 150 mtrs. depth. and Logged depth 147 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 23.Oct.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:-

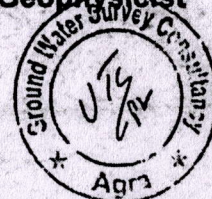
S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 20	15	Dry sand	
3.	20 - 28	8	Clay kankar	
4.	28 - 36	8	Fine to Medium sand	
5.	36 - 42	6	Clay kankar	
6.	42 - 45	3	Fine to Medium sand	Medium
7.	45 - 50	5	Clay kankar	
8.	50 - 56*	6	Fine to Medium sand	Medium
9.	56 - 64	8	Clay kankar	
10.	64 - 80*	16	Medium sand	Medium
11.	80 - 85	5	Clay kankar	
12.	85 - 103*	18	Medium sand	Medium
13.	103 - 133	30	Clay kankar	
14.	133 - 142*	9	Medium sand	Medium
15.	142 - 147	5	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

Page 2

N16 SX
N64 QUN
LAT

Logging Details:
Log No: 0214-97
Bore Hole: D-16
SP: 02/02/97
11 22
Date: 02/02/97

Logger: S. Har
GSI/SO1/21-22

SP (m V)
Logger Model: DMP-2
Logger Owned by:
GROUND WATER SURVEY CONSULTANCY
AGRA, UP India

