

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:-B-3180

Date:- 07-03-2024

NAME OF SITE

GRAM PANCHAYAT- Anghara BLOCK- Bisauli DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

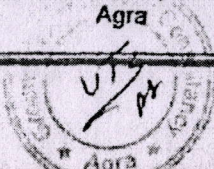
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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
Agra



REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 130 mtrs. depth. and Logged depth 130 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 07.Mar.2024.

Logging Parameters - 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:-

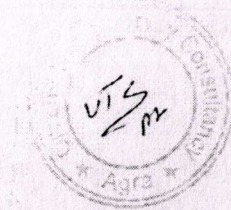
S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 18	13	Dry sand	
3.	18 - 20	2	Clay kankar	
4.	20 - 25	5	Fine sand	
5.	25 - 30	5	Clay kankar	
6.	30 - 35	5	Fine sand	Medium
7.	35 - 40	5	Clay kankar	
8.	40 - 46	6	Medium sand	Medium
9.	46 - 52	6	Clay kankar	
10.	52 - 72*	20	Medium sand	Medium
11.	72 - 85	13	Clay kankar	
12.	85 - 96*	11	Medium sand	Medium
13.	96 - 100	4	Clay kankar	
14.	100 - 104	4	Fine sand	Medium
15.	104 - 115	11	Clay kankar	
16.	115 - 125*	10	Medium sand	Medium
17.	125 - 130	5	Clay kankar	

Ground Water Survey Consultancy
Agra



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.



Geologist

Rno 3
 NIS (SK)
 NSQ(LIN)
 LAT

Logging Details
 Project: J. Agri. 2008
 Station Name: Bhatkoti
 SP CODE: 0000000
 SP No: 0000
 Date: 10/10/11
 Operator: [Name]

Upper 5 Met
 KSS/SQ/10-11

Upper Meter
 SP (m V)

OHMEL-2

Upper Owned by
 Ground Water
 Survey Consultancy
 Agra UP India
 India

