

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTOLOGGING REPORT**

Ref No:-B-3233

Date:- 17-03-2024

NAME OF SITE

GRAM PANCHAYAT- Shekhupura

BLOCK- Dahagawan

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

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REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SHEKHUPURA, BLOCK- DAHAGAWAN, 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 conduct at above bore hole using IGIS Well Logger on 17.Mar.2024.

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:-

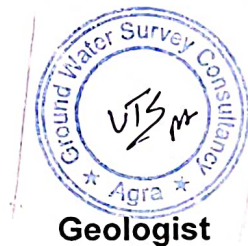
S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 15	10	Clay kankar	
3.	15 - 30	15	Fine to Medium sand	Medium
4.	30 - 38	8	Clay kankar	
5.	38 - 65*	27	Medium sand	Medium
6.	65 - 75	10	Clay kankar	
7.	75 - 85*	10	Medium sand	Medium
8.	85 - 100	15	Clay kankar	
9.	100 - 120*	20	Fine to Medium sand	Medium
10.	120 - 130	10	Clay kankar	

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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.



Rho a

NI6 (SN)
 N64(QN)
 LAT

Logging Details:

Loggy v. Pte. Chandra Sock
 deparan ari
 Pte. Chandra Sock
 deparan ari
 US 10556 N64
 17 Mar 2011
 17:27
 v. 8

Logger S. No.: IGS/SQ/10-11

SP (m V)
 Logger Model: DMPL-2
 Logger Owned by:
 GROUND WATER
 SURVEY
 CONSULTANCY
 - AGRA INDIA

