

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTROLOGGING REPORT**

Ref No:-B-1792

Date:- 22-09-2023

NAME OF SITE

GRAM PANCHAYAT- Kotha

BLOCK- Dahagawan

DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

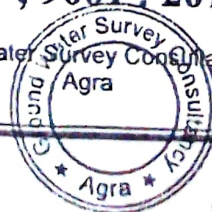
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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ISO ; 9001 : 2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KOTHA, 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 in the above bore hole using IGIS Well Logger on 22.Sep.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 - 13	8	Dry sand	
3.	13 - 30	17	Clay kankar	
4.	30 - 40	10	Medium sand	Medium
5.	40 - 43	3	Clay kankar	
6.	43 - 45	2	Fine sand	Medium
7.	45 - 57	12	Clay kankar	
8.	57 - 67*	10	Fine to Medium sand	Medium
9.	67 - 71	4	Clay kankar	
10.	71 - 82*	11	Medium sand	Medium
11.	82 - 88	6	Clay kankar	
12.	88 - 91	3	Fine sand	Medium
13.	91 - 116	25	Clay kankar	
14.	116 - 128*	12	Medium sand	Medium
15.	128 - 130	2	Clay kankar	



Conclusions and Recommendations :-

1. The Lithology broadly tallies with that of drill cutting starta chart.
2. The zones marked with asterisk (*) appear to be aquifer zones for possible development of tube well.
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

Report No. 101021-078A-000
 Date of Survey: 07/08/2004
 Project Name: GROUND WATER SURVEY
 Location: Agra, INDIA
 Client: GROUND WATER SURVEY CONSULTANCY - AGRA, INDIA
 Date: 10/15/2004
 Time: 10:30 AM
 Operator: S. K. SINGH
 Station: G-1
 Well: G-1
 Depth: 130 m
 Log No: 101021-078A-000

