

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:-A-2422

Date:-24-12-2023

NAME OF SITE

GRAM PANCHAYAT- Kundhra Majhra BLOCK- Dataganj DISTT- Badaun

NAME OF AGENCY

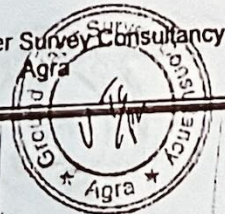
M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.
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ISO ; 9001 : 2015

Ground Water Survey Consultancy
Agra



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KUNDHRA MAJHRA, BLOCK- DATAGANJ, DISTT- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

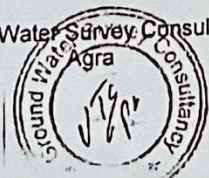
A Deep bore hole was drilled 135 mtrs. depth. and Logged depth 132 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badaun.

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 24.Dec.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 - 8	3	Clay kankar	
3.	8 - 18	10	Fine to Medium sand	
4.	18 - 27	7	Clay kankar	
5.	27 - 38	11	Medium sand	Medium
6.	38 - 40	2	Clay kankar	
7.	40 - 50*	10	Medium sand	Medium
8.	50 - 54	4	Clay kankar	
9.	54 - 61*	7	Medium sand	Medium
10.	61 - 65	4	Clay kankar	
11.	65 - 73*	8	Medium sand	Medium
12.	73 - 78	5	Clay kankar	
13.	78 - 91*	13	Medium sand	Medium
14.	91 - 101	10	Clay kankar	
15.	101 - 114*	13	Medium sand	Medium
16.	114 - 127	13	Clay kankar	
17.	127 - 130	3	Medium sand	Medium
18.	130 - 132	2	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.



Geologist

Drw 3
NITD
NAGALAND
LAI

Project Details
Project Name
Project Location
Project No.
Project Date

Project No. 1
NOST/PA/21-22

Scale (cm V)

Project Location
District - 2

Project Name
GROUND WATER
SURVEY
CONSULTANCY
- AGRA INDIA

