

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:-B-2073

Date:- 15-10-2023

NAME OF SITE

GRAM PANCHAYAT- Kuan Danda Kashimpur BLOCK- Salarpur DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

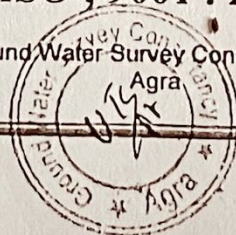
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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ISO ; 9001 : 2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KUAN DANDA KASHIMPUR, BLOCK- SALARPUR, DISTT- BADAUN
UNDER
JAL JIVAN MISSION

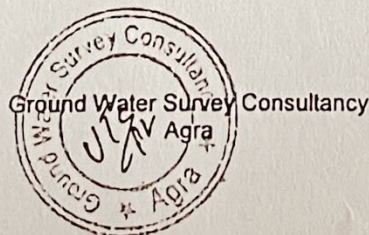
Introduction :

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 15.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 - 23	3	Fine sand	
4.	23 - 30	7	Clay kankar	
5.	30 - 42	12	Medium sand	Med to Good
6.	42 - 48	6	Clay kankar	
7.	48 - 62*	14	Medium sand	Med to Good
8.	62 - 70	8	Clay kankar	
9.	70 - 93*	23	Medium sand	Med to Good
10.	93 - 107	14	Clay kankar	
11.	107 - 115*	8	Fine to Medium sand	Med to Good
12.	115 - 130	15	Clay kankar	



Conclusions and Recommendations :

The Lithology broadly tallies with that of drill cutting logs chart.

The zones marked with asterisk (*) appear to be aquifer zones for possible development of tube well.

The Quality of water is expected Medium to Good.

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.

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



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B No 3
 N16 (S)
 NS4(LN)
 LAT

Logging Details
 Date of Log: 07/07/2018
 Log No: 10
 Log No: 11
 Log No: 12
 Log No: 13
 Log No: 14
 Log No: 15

Log No: 16
 ISS/04/21-22

Scale (m V)

Log No: 17
 Log No: 18
 Log No: 19
 Log No: 20
 Log No: 21
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