

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTOLOGGING REPORT

Ref No:-B- 714

Date:- 31-05-2023

NAME OF SITE

GRAM PANCHAYAT- Rouli Bouri BLOCK- Jalalabad DISTT- Shahjahanpur

NAME OF AGENCY

M/s NCC Ltd.
Shahjahanpur

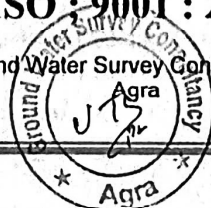


GROUND WATER SURVEY CONSULTANCY

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- ROULI BOURI, BLOCK- JALALABAD,
DISTT- SHAHJAHANPUR
UNDER
JAL JIVAN MISSION

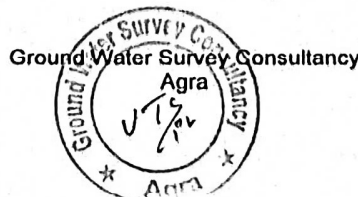
Introduction :

A Deep bore hole was drilled 130 mtrs. depth. and Logged depth 130 mtrs. at above site. Was drilled by M/S NCC Ltd., Shahjahanpur.

On the request of M/S NCC Ltd., Shahjahanpur. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 31.May.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 - 15	10	Clay kankar	
3.	15 - 23	8	Fine sand	
4.	23 - 32	9	Clay kankar	
5.	32 - 50	18	Medium sand	Good
6.	50 - 53	3	Clay kankar	
7.	53 - 77*	24	Medium sand	Good
8.	77 - 95	18	Clay kankar	
9.	95 - 101*	6	Fine to Medium sand	Good
10.	101 - 105	4	Clay kankar	
11.	105 - 115*	10	Fine to Medium sand	Good
12.	115 - 130	15	Clay kankar	



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 Good.
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

Logo
M/S SVS
NSQND
LAT

Logging Details:
 Project No. / Date / Location
 10/15/2022/23

Logger's Name:
 DMP/L-2

Logger Oversee by:
 GROUND WATER SURVEY CONSULTANCY AGRA, UP, INDIA

SP (mV)

