

129 GP	South	Kanth	Sarthauli	
2-23/VI, 67 GP	West	Kalan	Sathra Dharampur	A-772
		Kienhi	Satnua	

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:-B-1914

Date:- 04-10-2023

NAME OF SITE

GRAM PANCHAYAT- Sikanderpur Khurd BLOCK- Kanth DISTT- Shahjahanpur

NAME OF AGENCY

M/s NCC Ltd.
Shahjahanpur



GROUND WATER SURVEY CONSULTANCY

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ISO ; 9001 : 2015

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REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SIKANDERPUR KHURD, BLOCK- KANTH, DISTT- SHAHJAHANPUR
UNDER
JAL JIVAN MISSION

Introduction

A Deep bore hole was drilled 110 mtrs. depth, and Logged depth 110 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 04.Oct.2023.

Logging Parameters - 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	Dry sand	
3.	8 = 15	7	Fine sand	
4.	15 = 30	15	Clay kankar	
5.	30 = 58*	28	Medium sand	Medium
6.	58 = 65	7	Clay kankar	
7.	65 = 78*	13	Medium sand	Medium
8.	78 = 85	7	Clay kankar	
9.	85 = 100*	15	Medium sand & kankar	Medium
10.	100 = 110	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.

Geophysicist



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Report No.
PROJECT TITLE
DATE
CLIENT
LOCATION
SCALE
BY
CHECKED
APPROVED
DATE

