

GROUND WATER SURVEY CONSULTANTS
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:-A-489

Date:- 13-05-2023

NAME OF SITE

GRAM PANCHAYAT- Kundra Ta Pahena BLOCK- Jalalabad DISTT- Shahjahanpur

NAME OF AGENCY

M/s NCC Ltd.
Shahjahanpur



GROUND WATER SURVEY CONSULTANTS
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ISO ; 9001 : 2015

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Agra

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REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KUNDRA TA PAHENA, BLOCK- JALALABAD,
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 13.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 - 13	8	Clay	
3.	13 - 17	4	Fine sand	Medium
4.	17 - 23	6	Clay kankar	
5.	23 - 43	20	Medium sand	Medium
6.	43 - 47	4	Clay kankar	
7.	47 - 67*	20	Medium sand	Medium
8.	67 - 75	8	Clay kankar	
9.	75 - 84*	9	Medium sand	Medium
10.	84 - 90	6	Clay kankar	
11.	90 - 100	10	Medium sand	Medium
12.	100 - 110	10	Sandy clay	

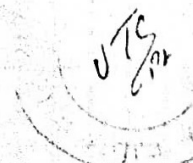
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11/1/23

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



Ground Water Survey Consultancy

Bore
 N16 (SIT)
 164(LIN)
 LAT

Logging Details

Date: 11/02/2011
 Time: 11:00:00
 Location: ...
 Operator: ...

Logger's No
 IG/S/S/01/10-11

Logger Voice
 SP (m V)

DMPL-2

Logger Control By

GROUND WATER
 SURVEY
 CONSULTANCY
 - AGRA (INDIA)

