

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTOLOGGING REPORT

Ref No:-A-1070

Date:- 13-07-2023

NAME OF SITE

GRAM PANCHAYAT- Tanda Parwatpur BLOCK- Kanth DISTT- Shahjahanpur

NAME OF AGENCY

M/s NCC Ltd.
Shahjahanpur



GROUND WATER SURVEY CONSULTANCY
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.
112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006
(M) : 9412260823, 9794625420, 9761163000, Email : gwsc_agra@yahoo.com

ISO ; 9001 : 2015

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REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- TANDA PARWATPUR, BLOCK- KANTH, DISTT- SHAHJAHANPUR
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 120 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.July.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 - 10	5	Dry sand	
3.	10 - 13	3	Fine sand	
4.	13 - 20	7	Clay kankar	
5.	20 - 22	2	Fine sand	
6.	22 - 28	6	Clay kankar	
7.	28 - 55*	27	Medium sand	
8.	55 - 60	5	Clay kankar	Medium
9.	60 - 76*	16	Medium sand	
10.	76 - 83	7	Clay kankar	Medium
11.	83 - 99*	16	Medium sand	
12.	99 - 105	6	Clay kankar	Medium
13.	105 - 110*	5	Medium sand	
14.	110 - 120	10	Clay kankar	Medium

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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



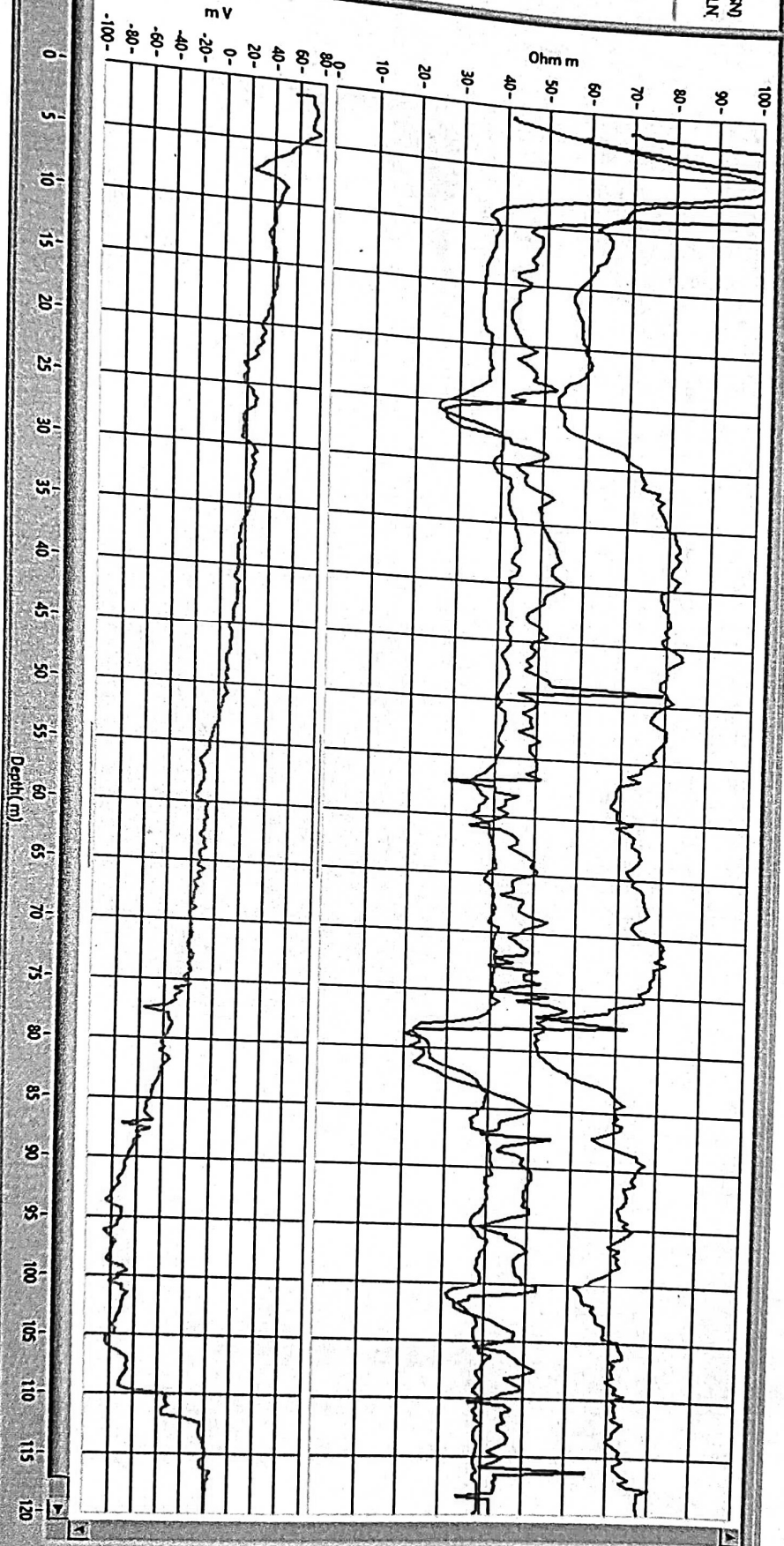
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Rio a
 N 16(SN)
 N 64(LN)
 LAT

Location:
 Logging Vitrina
 Ramwatar Block, Garh
 Distt. Sagar, MP
 Log No.:
 UP/CGSN/SGP
 Date: 13 Jul 2023
 Time: 19:40
 Operator: Ujjwal Garia (S)
 Well Depth:

Logger Site No:
 IGIS/S/02/22-23

SP
 Logger Model:
 DMP-2
 Logger Owned by:
 GROUND WATER
 SURVEY
 CONSULTANCY
 AGRA, UP, INDIA



GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:-A- 617

Date:- 24-05-2023

NAME OF SITE

GRAM PANCHAYAT- Chamarpur Kalan BLOCK- Madnapur DISTT- Shahjahanpur

NAME OF AGENCY

M/s NCC Ltd.
Shahjahanpur



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