

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:-B- 576

Date:- 22-05-2023

NAME OF SITE

GRAM PANCHAYAT- Mohaliya Veeran BLOCK- Khutar DISTT- Shahjahanpur

NAME OF AGENCY

M/s NCC Ltd.
Shahjahanpur



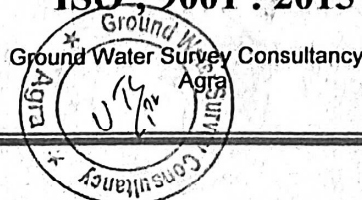
GROUND WATER SURVEY CONSULTANCY

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



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- MOHALIYA VEERAN, BLOCK- KHUTAR,
DISTT- SHAHJAHANPUR
UNDER
JAL JIVAN MISSION

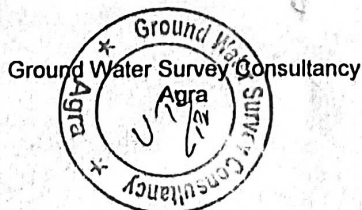
Introduction :

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 22.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 - 7	2	Dry sand	
3.	7 - 15	8	Clay kankar	
4.	15 - 37	22	Fine to Medium sand	Good
5.	37 - 44	7	Clay kankar	
6.	44 - 57	13	Medium sand	Good
7.	57 - 62	5	Clay kankar	
8.	62 - 71*	9	Medium sand	Good
9.	71 - 79	8	Clay kankar	
10.	79 - 87*	8	Medium sand	Good
11.	87 - 98	11	Clay kankar	
12.	98 - 125*	27	Medium sand & kankar	Good
13.	125 - 130	5	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

Rio a
 Ni6 (SN)
 Ni6 (LN)
 LAT
 Logging Details:
 Logging Methodology & version
 Record description
 Project Name
 User (COSNG) on
 22 May 2013
 15:17
 Location (Survey Name)
 Logset St No:
 IGIS/S/04/21-22
 Logset Model:
 SP (m V)
 DMP1-2
 Logger Owned by:
 GROUND WATER
 SURVEY
 CONSULTANCY
 -AGRA INDIA

