

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTOLOGGING REPORT

Ref No:- 642

Date:- 14-03-2022

NAME OF SITE

GRAM PANCHAYAT- Kaurah

BLOCK- Kanth

DISTT- Shahjanhapur

NAME OF AGENCY

M/s NCC Ltd.
Shahjanhapur



GROUND WATER SURVEY CONSULTANCY

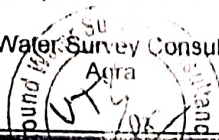
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

(M) : 9412260823, 9794625420, 9761163000. Email : gwsc_agra@yahoo.com

ISO ; 9001 : 2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KAURAH, BLOCK- KANTH, DISTT- SHAHJANHAPUR UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 135 mtrs. depth. and Logged depth 130 mtrs. at above site. Was drilled by M/S NCC Ltd., Shahajanhapur.

On the request of M/S NCC Ltd., Shahajanhapur. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 14.Mar.2022.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major equifer 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.	Defth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 27	22	Clay	
3.	27 - 38	11	Fine sand	
4.	38 - 42	4	Clay	
5.	42 - 67*	25	Medium sand	Good
6.	67 - 70	3	Clay kankar	
7.	70 - 76*	6	Medium sand	Good
8.	76 - 94	18	Clay kankar	
9.	94 - 115*	21	Medium sand	Good
10.	115 - 117	2	Clay kankar	
11.	117 - 130*	13	Medium sand	Good

Conclusions and Recommendations :-

1. The Lithology broadly tallies with that of drill cutting starta 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. Expected discharge is 1000 to 1100 L.P.M.
5. 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.
6. 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

Logging VIKARAH
 Block: KANTH DIST
 SHAHJAHANPUR
 LOGGILLIGUP
 14 MAR 2022
 14 C2
 Ujjayish Gupta (L.G)

Rho a
 N16 (SN)
 N64(LN)
 LAT

SP (m V)

