GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTOLOGGING REPORT

Ref No:- 574

Date: - 04-01-2023

NAME OF SITE

Gram Panchayat- Dhara

BLOCK- Powayan

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, SOM : 2015
Ground Water Survey Compultancy

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DHARA, BLOCK- POWAYAN, DISTT- SHAHJAHANPUR UNDER JAL JIVAN MISSION

Introduction:

A Deep bore hole was drilled 130 mtrs. depth. and Logged depth 130 mtrs.

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.Jan.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
a removement come.	() or 5	5	Surface soil	water Quarty
2,	5 - 12	The state of the s	Dry sand	
William Residence of the State	12 - 29	Lists of the state	Clay kankar	
- BELLEVILLE CAUPER	29 - 44	15	Medium sand	Medium
2,	AA = 50	Company - Albert 2 / CA Designation of the Care of	Clay kankar	
O I	50 - 72+	field Statement and Statement	Medium sand	Medium
u varmente	72 - 75	Fig. 8 plans & marriage discount of the second discount of the secon	Clay kankar	The second secon
A series	75 - 85+	police Designation of the property of the property and the property of the property of the police of	Medium sand	Medium
o o falla sa	85 × 90	No. Septem Automorph September payments and record	Clny kankar	A STATE OF THE PERSON NAMED IN COLUMN ASSESSMENT OF THE PERSON NAMED IN COLUMN
- mortification of the set	90 - 117+	27	Medium sand	Medium
ed of age to	117 - 125	A Somewhat and a sound of	Clay kankar	And the second s
. BI	125 - 130+	5	Medium sand	Medium



Conclusions and Recommendations :-

- The Lithology broadly tallies with that of drill cutting strata chart.
- The zones marked with asterisk (*) appear to be aquifer zones for possible development of tubewell.
- 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

Ā	er Survey (- Agra	E SP (m V)	logs/5/03/21-22	Coh	Logging Details. Loggin
0.	\$ \$ \$ \$ mv	o 6 6	, 5 5 c	ម្ ខ្ ខុ	<u> </u>
υ-	1				
ö-					
3 -				[]	
b-				N. C.	
У- У-	NA.			{	
	4			3	
8-	W.			***	THE REPORT OF THE PERSON OF TH
35	And mark			V V V V V V V V V V V V V V V V V V V	WATANA LA CANA CANA CANA CANA CANA CANA CAN
8-	3			1	
3-1	1			2	
છ-				7,72	
8-	3	-		1	
8-				3	
65 70 Depth (m)	A ANTONIA				1 8 1
3 g-	2				1 18
3 -	-	-		2 }	
8-				1	
8-	THE PARTY OF THE P			1	55
8 -	The state of the s			TANK TO THE PARTY OF THE PARTY	
<i>9</i> ,-	3			}	333
<u>8</u> -	1			[
g-	WWW.			{	1
	1 1 2			1	**
ਲ ਾ	1			[2]	1
15.				18	
25	3	3,	117		5
13-				1	3
쯍-	1139	>		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

