

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GÉOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTROLOGGING REPORT**

Ref No:- 1000

Date:- 11-10-2022

NAME OF SITE

Gram Panchayat- Dadrol

BLOCK- Dadrol

DISTT- Shahjahanpur

NAME OF AGENCY

M/s NCC Ltd.
Shahjahanpur



GROUND WATER SURVEY CONSULTANCY

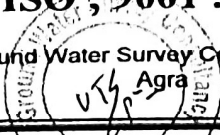
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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

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

ISO ; 9001 : 2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DADROL, BLOCK- DADROL, DISTT- SHAHJAHANPUR
UNDER
JAL JIVAN MISSION

Introduction :

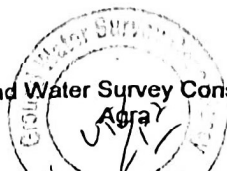
A Deep bore hole was drilled 132 mtrs. depth. and Logged depth 131 mtrs. at above site. Was drilled by M/S NCC Ltd., Shahjahanpur.

On the request of M/S NCC Ltd., Shahjahanpur. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 11.Oct.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.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 15	10	Sandy clay	
3.	15 - 23	8	Clay	
4.	23 - 32	9	Medium sand	Good
5.	32 - 42	10	Clay kankar	
6.	42 - 77*	35	Medium sand & Kankar	Good
7.	77 - 80	3	Clay kankar	
8.	80 - 93*	13	Fine to Medium sand	Good
9.	93 - 105	12	Clay kankar	
10.	105 - 125*	20	Medium sand & Kankar	Good
11.	125 - 131	6	Clay kankar	

Ground Water Survey Consultancy



usions 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. 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

