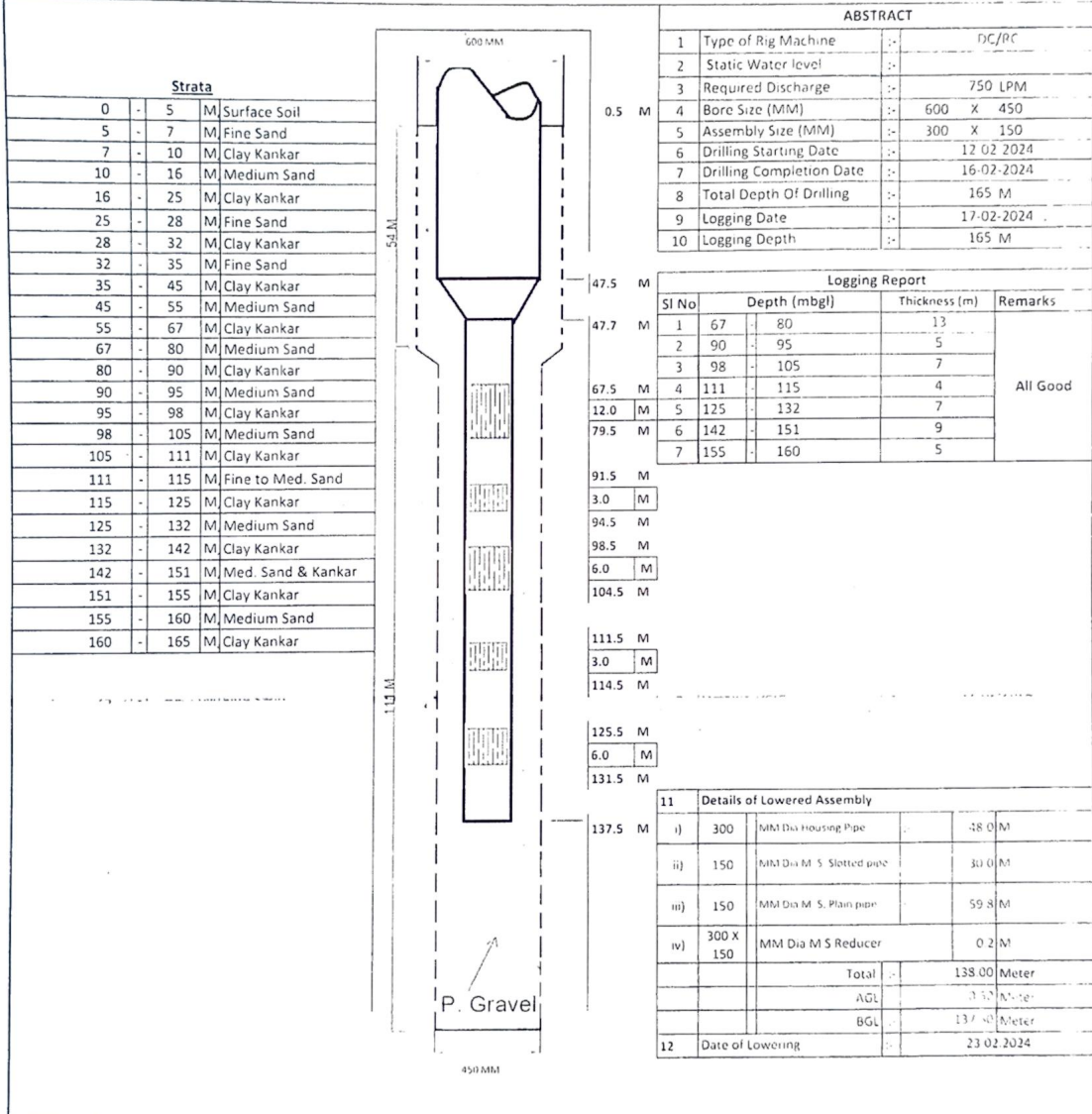


**Completion Plan Of Tubewell**

Name Of Work :- Construction of T. W. of G.P. CHADEYA PURAB, MUNDA & PIPROLA, Block- Palla, District, Lakhimpur Khori.  
 Name Of Program :- J. J. M-2 **Zone -1**  
 Name of client :- S.W.S.M. & U.P. JAL NIGAM ( R)  
 Name Of Contractor :- M/S NCC Limited  
 Name Of TPI :- Ceinsys Tech Limited  
 Contract Agreement :- 64/ED/2020-21 Dt. 12.03.2021  
 Cover Agreement :- 585/ED/Phase-2/2022-23/XV, Dt. 20.03.2023

**Lowered Assembly Chart of T. W of CHADEYA PURAB, MUNDA & PIPROLA G.P W/S Scheme District :- Lakhimpur Khori.**



Recommended & Prepared by: M/S. NCC Ltd.  
 Verified by: M/S. Ceinsys Tech Ltd.  
 Recommended by: 13th Division UP Jal Nigam (R) Lucknow  
 Approved by: 13th Division UP Jal Nigam (R) Lucknow

# REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- CHHEDIYA ZONE -1, BLOCK- PALIA, DISTT- LAKHIMPUR KHIRI

UNDER

JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 165 mtrs. at above site. Was drilled by M/s NCC, Lakhimpur Khiri.

On the request of M/s NCC, Lakhimpur Khiri. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 17.Feb.2024.

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:-

Location = Chhediya Zone -1

Latitude = 17.069929°

Longitude = 27.039687°

Mud Resistivity = 17.06 Ohms.

Drilling Water Resistivity = 27.03 Ohms.

Approx Water Level = 2 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 7	2	Fine sand	
3.	7 - 10	3	Clay kankar	
4.	10 - 16	6	Medium sand	Good
5.	16 - 25	9	Clay kankar	
6.	25 - 28	3	Fine sand	Good
7.	28 - 32	4	Clay kankar	
8.	32 - 35	3	Fine sand	Good
9.	35 - 45	10	Clay kankar	
10.	45 - 55	10	Medium sand	Good
11.	55 - 67	12	Clay kankar	
12.	67 - 80*	13	Medium sand	Good
13.	80 - 90	10	Clay kankar	
14.	90 - 95*	5	Medium sand	Good
15.	95 - 98	3	Clay kankar	
16.	98 - 105*	7	Medium sand	Good
17.	105 - 111	6	Clay kankar	
18.	111 - 115*	4	Fine to Medium sand	Good
19.	115 - 125	10	Clay kankar	
20.	125 - 132*	7	Medium sand	Good
21.	132 - 142	10	Clay kankar	
22.	142 - 151*	9	Medium sand & kankar	Good
23.	151 - 155	4	Clay kankar	
24.	155 - 160*	5	Medium sand	Good
25.	160 - 165	5	Clay kankar	

Ground Water Survey Consultancy

Agra

