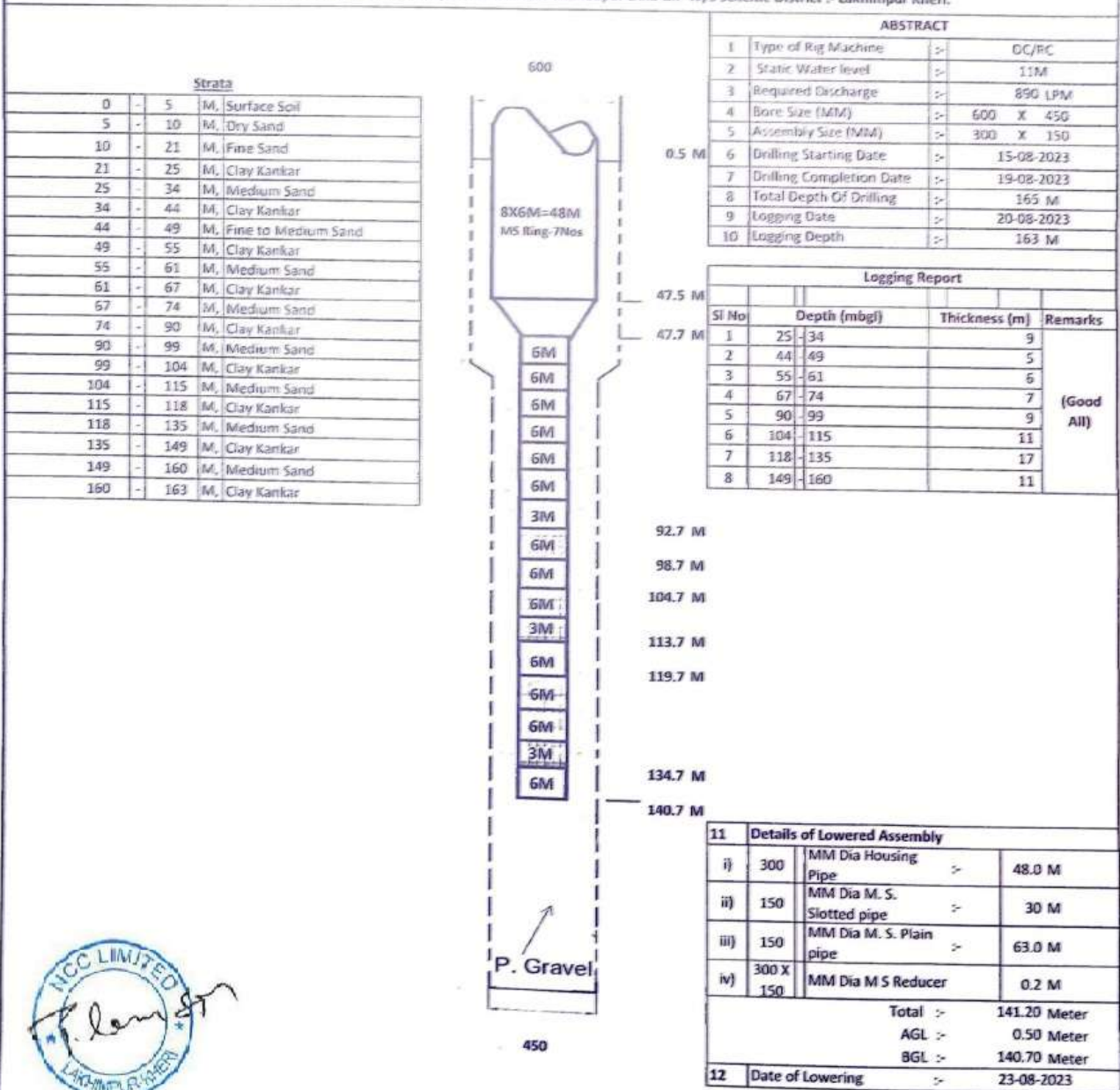


Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. Raampur Misra & Mohammadpur Dina, Block- Mohammada, District, Lakhimpur Kheri.  
 Name Of Program :- J. J. M  
 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 :- 12/ED/Phase-3/2021-22, date-07.01.2022  
 Cover Agreement :- 256/ED/Phase-3/2022-23/IX, Dated 21.11. 2022

Lowered Assembly Chart of T. W of Raampur Misra & Mohammadpur Dina G.P W/S Scheme District :- Lakhimpur Kheri.



Recommended & Prepared by

M/S. NCC Ltd.

Verified by

M/S. Ceinsys Tech Ltd.

Division Office (E/M) UP Jal Nigam (R) Lucknow

**ASHISH KUMAR**  
 JUNIOR ENGINEER  
 DIVISIONAL OFFICE (E&M)  
 U.P. JAL NIGAM (R)  
 LUCKNOW

Recommended by

Division Office (E/M) UP Jal Nigam (R) Lucknow

Approved by

Division Office (E/M) UP Jal Nigam (R) Lucknow

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- RAMPUR MISRA, BLOCK- MOHAMMADI,  
DISTT- LAKHIMPUR KHIRI  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 163 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 20.Aug.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:-

Mud Resistivity = 18.64 Ohms.

Drilling Water Resistivity = 19.51 Ohms.

Approx Water Level = 11 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Dry sand	
3.	10 - 21	11	Fine sand	
4.	21 - 25	4	Clay kankar	
5.	25 - 34	9	Medium sand	Good
6.	34 - 44	10	Clay kankar	
7.	44 - 49	5	Fine to Medium sand	Good
8.	49 - 55	6	Clay kankar	
9.	55 - 61*	6	Medium sand	Good
10.	61 - 67	6	Clay kankar	
11.	67 - 74*	7	Medium sand	Good
12.	74 - 90	16	Clay kankar	
13.	90 - 99*	9	Medium sand	Good
14.	99 - 104	5	Clay kankar	
15.	104 - 115*	11	Medium sand	Good
16.	115 - 118	3	Clay kankar	
17.	118 - 135*	17	Medium sand	Good
18.	135 - 149	14	Clay kankar	
19.	149 - 160*	11	Medium sand	Good
20.	160 - 163	3	Clay kankar	

Ground Water Survey Consultancy  
Agra

