

## COMPLETION PLAN OF TUBEWELL

Name of work

:- Construction of T. W. of G.P. Murtizaalinagar , Block Mohammadi District, Lakhimpur Kheri.

Name of Program :- J. J. M-2

Name of client :- S.W.S.M. & U.P. JAL NIGAM ( R )

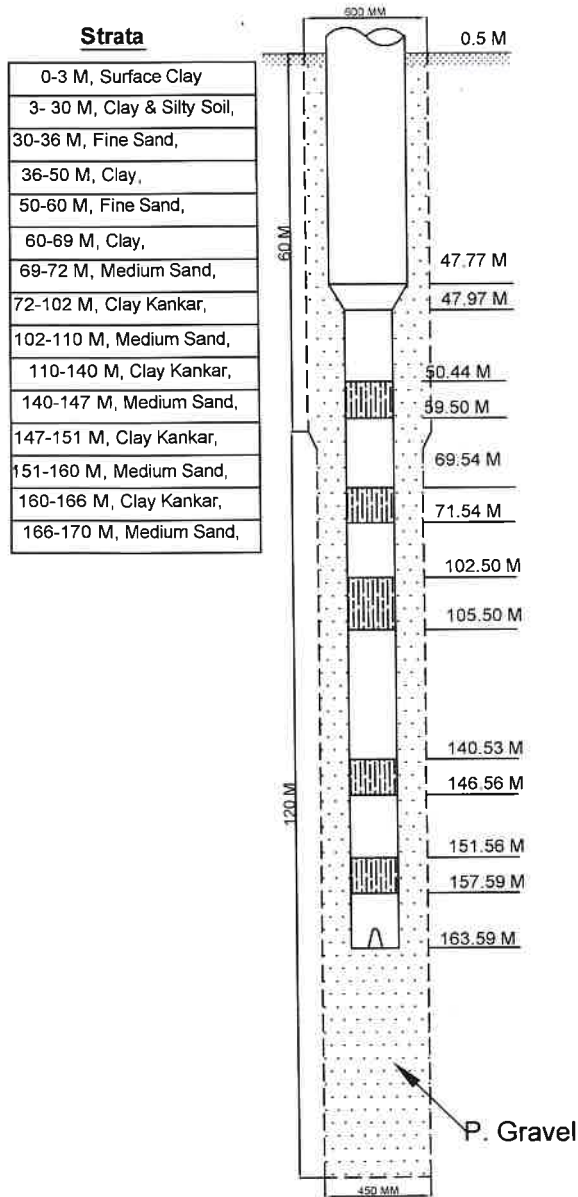
Name of Contractor :- M/S NCC Limited

Name of TPI :- Ceinsys Tech Limited

Contract Agreement :- 64/ED/2020-21 Dated on 12.03.2021

Cover Agreement :- 200/ED/2021-22/III Dt. 30 November, 2021

**Lowered Assembly Chart of T. W of Murtizaalinagar G.P W/S Scheme District :- Lakhimpur Kheri.**



ABSTRACT		
1	Type of Rig Machine	:- DC/RC
2	Static Water level	:-
3	Required Discharge	:- 800 LPM
4	Bore Size (MM)	:- 600x450
5	Assembly Size (MM)	:- 300 x 150
6	Drilling Starting Date	:- 27.01.2022
7	Drilling Completion Date	:- 01.02.2022
8	Total Depth Of Drilling	:- 182 M
9	Logging Date	:- 02.02.2022
10	Logging Depth	:- 177 M

Logging Report			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	30-36	6	Fine to Medium Sand (Good All)
2	50-60	10	
3	69-72	3	
4	102-110	8	
5	140-147	7	
6	151-160	9	
7	166-170	4	

11. Details of Lowered Assembly	
i) 300 mm Dia Housing Pipe	:- 48.27 Meter
ii) 150 mm Dia M. S. Slotted pipe	:- 26.12 Meter
iii) 150 mm Dia M. S. Plain pipe	:- 89.70 Meter
iv) 300 x 150 mm Dia M S Reducer	:- 0.20 Meter
	Total :- 164.09 Meter
	AGI :- 00.50 Meter
	BGL :- 163.59 Meter
12. Date of Lowering :- 09.02.2022	



Recommended & Prepared by

M/S. NCC Ltd.

Verified by

J.E  
 M/S. Ceinsys Tech Ltd.

Recommended by

A.E  
 13th Division UP Jal Nigam (R) Lucknow

Approved by

E.E  
 13th Division U.P Jal Nigam (R) Lucknow

# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Kheri/2

Date : 02.02.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village - Murtaza Ali Nagar ( Machala), Block - Mahammadi  
Distt. - Kheri

**Drilling Depth** : 182 mbgl

**Logged Depth** : ~~180 mbgl~~ 177 mbgl.

**Date of Logging** : 02.02.22

**Types of Log** : S.P. & Resistivity (Normal & Lateral)

**Logger Used** : Uptron

**Presence** : Representative of M/S NCC Ltd.

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strata	R <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	30 - 36	6	Good	R <sub>mf</sub> = 24 Ωm R <sub>w</sub> = 28 Ωm
<del>2</del>	50 - 60	10	Good	
<del>3</del>	69 - 72	3	Good	
<del>4</del>	102 - 110	8	Good	
<del>5</del>	140 - 147	7	Good	
6	151 - 160	9	Good	
7	166 - 170	4	Good	

**Remark :** Strata of all zones are good for lowering. Ground water quality is good.

CC:

1. M/S NCC Limited, Kheri

Verified as per logs provided.  
Note - To avoid finer sediments in Sr No-4 - 102 - 106 mbgl should use.  
- All zones are intermixed with Ranbar.

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