

## COMPLETION PLAN OF TUBEWELL

**Name of work** :- Construction of T. W. of G.P. Kamala puri Colony, Block- Palia, 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

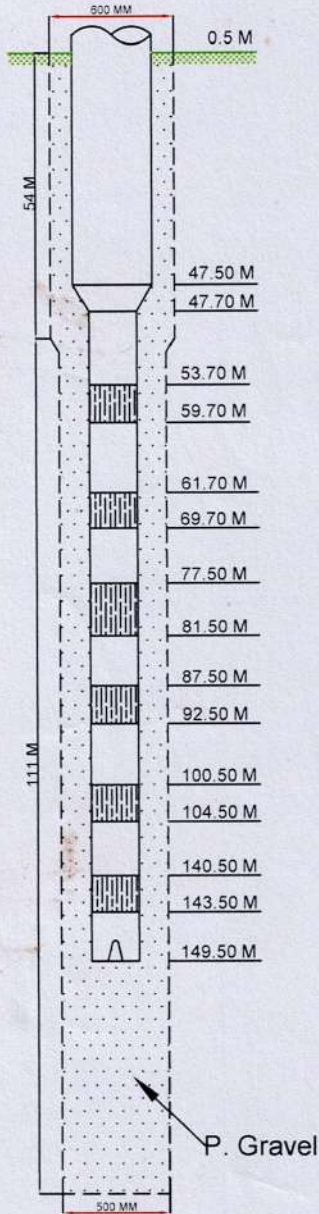
**Name of TPI** :- Ceinsys Tech Limited

**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 Kamala Puri Colony G.P W/S Scheme District :- Lakhimpur Kheri.**

Strata	
0-3 M, Surface Clay	
3 - 25 M, Clay & Silty Soil,	
25-38 M, Fine Sand ,	
38-50 M, Clay ,	
50-70 M, Fine To Medium Sand	
70-77, Clay Kankar	
77-82 M, Fine To Medium Sand	
82-87 M, Clay Kankar ,	
87-93 M, Fine To Medium Sand	
93-100 M, Clay Kankar ,	
100-105 M, Fine To Medium Sand	
105-140 M, Clay Kankar ,	
140-148 M, Fine To Medium Sand	



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 :- 23.05.2022
7	Drilling Completion Date :- 27.05.2022
8	Total Depth Of Drilling :- 167.0 M
9	Logging Date :- 28.05.2022
10	Logging Depth :- 165.0 M

Logging Report			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	25-38	13	(Good All)
2	50-70	20	
3	77-82	5	
4	87-93	6	
5	100-105	5	
6	140-148	8	

11. Details of Lowered Assembly	
i) 300 mm Dia Housing Pipe :- 48.00 Meter	
ii) 150 mm Dia M. S. Slotted pipe :- 30.00 Meter	
iii) 150 mm Dia M. S. Plain pipe :- 71.80 Meter	
iv) 300 x 150 mm Dia M S Reducer :- 0.20 Meter	
Total :- 150.00 Meter	
AGI :- 00.50 Meter	
BGL :- 149.50 Meter	
12. Date of Lowering :- 06.06.2022	

Recommended & Prepared by

M/S. NCC Ltd.

Verified by

M/S. Ceinsys Tech Ltd.

Recommended by

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

Approved by

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

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

Mob: 9450659011, 8840756551, 9450364183

Email: slamarash11@gmail.com, gicakr Singh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JM/ Kheri/17

Date : 28.05.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village -Kamlapuri Colony, Block - Palia  
Distt. - Kheri

**Drilling Depth** : 167 mbgl as Reported by Driller

**Logged Depth** : 165 mbgl

**Date of Logging** : 28.05.22

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

**Logger Used** : Upton

**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>	25 - 38	13	Good	R <sub>mf</sub> = 24 Ωm R <sub>w</sub> = 27 Ωm
<del>2</del>	50 - 70	20	Good	
<del>3</del>	77 - 82	5	Good	
<del>4</del>	87 - 93	6	Good	
<del>5</del>	100 - 105	5	Good	
<del>6</del>	140 - 148	8	Good	

**Remark :**

CC :  
M/S NCC Limited, Kheri

*Verified as per logs provided.*

*G. S. Singh*  
ASSISTANT HYDROGEOLOGIST  
200/100, MANDAL  
U.P. JAL NIGAM (F.R.E.S.)  
PRAYAGRAJ

*G. S. Singh*  
  
(G. S. Singh)  
Geophysicist