

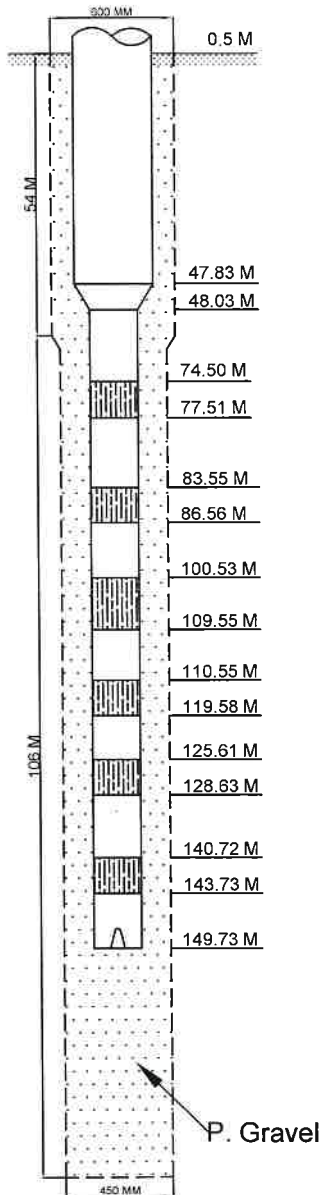
## COMPLETION PLAN OF TUBEWELL

**Name of work** :- Construction of T. W. of G.P. Sauthan, Block- Lakhimpur, District, Lakhimpur Kher  
**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 Sauthan G.P W/S Scheme District :- Lakhimpur Kheri.**

### Strata

0-3 M, Surface Clay
3 - 27 M, Clay & Silty Soil,
27-40 M, Fine Sand ,
40-54 M, Clay ,
54-69 M, Fine Sand ,
69-74 M, Clay ,
74-78 M, Fine Sand ,
78-82 M, Clay ,
82-88 M, Fine Sand ,
88-100 M, Clay Kankar ,
100-120 M, Medium Sand ,
120-124 M, Clay Kankar ,
124-130 M, Medium Sand ,
130-140 M, Clay Kankar ,
140-147 M, Medium Sand ,
147-151 M, Clay Kankar ,
151-155 M, Fine Sand ,



### ABSTRACT

1	Type of Rig Machine	:- DC/RC
2	Static Water level	:-
3	Required Discharge	:- 750 LPM
4	Bore Size (MM)	:- 600x450
5	Assembly Size (MM)	:- 300 x 150
6	Drilling Starting Date	:- 03.01.2022
7	Drilling Completion Date	:- 09.01.2022
8	Total Depth Of Drilling	:- 165.0 M
9	Logging Date	:- 10.01.2022
10	Logging Depth	:- 160.0 M

### Logging Report

Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	27--40	13	Fine to Medium Sand (Good All)
2	54--69	15	
3	74--78	4	
4	82--88	6	
5	100--120	20	
6	124--130	6	
7	140--147	7	
8	151--155	4	

Note:-Sl.No. 7 is Medium sand in nature  
Sl No. 8 is Fine Sand in nature

### 11. Details of Lowered Assembly

i) 300 mm Dia Housing Pipe	:- 48.33 Meter
ii) 150 mm Dia M. S. Slotted pipe	:- 30.10 Meter
iii) 150 mm Dia M. S. Plain pipe	:- 71.6 Meter
iv) 300 x 150 mm Dia M S Reducer	:- 0.20 Meter
Total	:- 150.23 Meter
AGI	:- 00.50 Meter
BGL	:- 149.73 Meter
12. Date of Lowering	:- 23.01.2022



Recommended & Prepared by

Verified by

Recommended by

Approved by

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*

M/S. NCC Ltd.

M/S. Ceinsys Tech Ltd.

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

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

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

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

& Service Dealer : Upton Borehole logging system, UPTON INDIA LTD., LUCKNOW

Ref:GIT:UP:21-22:LS: 131

Dated: 11-01-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sauthan  
Block: Lakhimpur  
District: Lakhimpur Kheeri  
State: Uttar Pradesh  
Drilling depth: 165.0 m bgl  
Logging depth: 160.0 m bgl  
Date of logging: 10-01-2022  
Rm - 12.0  $\Omega$ m Rw - 22.0  $\Omega$ m

Tubewell Drilled By: M/S NCC Limited, Lakhimpur Kheeri, Uttar Pradesh &  
M/S Hariom Enterprises Sitapur, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6" Geophysical Logs, following informations/granular zones have been deciphered:

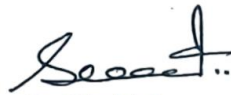
Sl. No.	Depth Range (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	27 - 40	13	Good
2.	54 - 69	15	Good
3.	74 - 78	04	Good
4.	82 - 88	06	Good
5.	100 - 120	20	Good
6.	124 - 130	06	Good
7.	140 - 147	07	Good
8.	151 - 155	04	Good

Note: 1. Zone Sl. No. 7 is Medium Sand in nature.  
2. Zone Sl. No. 8 is Fine Sand in nature.

Verified as per logs provided.

G.S.H.  
11/01/22.  
ASSISTANT HYDROGEOLOGIST  
YANTRIK MANDAL  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ

For Geo Instruments & Technic's

  
(S. Shukla)