

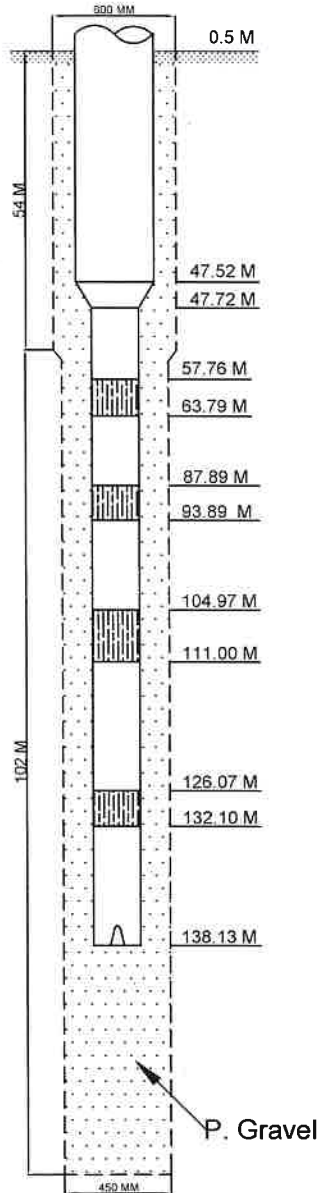
## COMPLETION PLAN OF TUBEWELL

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

### Strata

|                           |
|---------------------------|
| 0-3 M, Surface Clay       |
| 3-25 M, Clay & Silty Soil |
| 25-35 M, Fine Sand        |
| 35-45 M, Clay             |
| 45-50 M, Fine Sand        |
| 50-55 M, Clay             |
| 55-65 M, Medium Sand      |
| 65-72 M, Clay Kankar      |
| 55-65 M, Medium Sand      |
| 65-72 M, Clay Kankar      |
| 72-76 M, Medium Sand      |
| 76-85 M, Clay Kankar      |
| 85-95 M, Medium Sand      |
| 95-100 M, Clay Kankar     |
| 100-112 M, Medium Sand    |
| 112-125 M, Clay Kankar    |
| 125-134 M, Medium Sand    |
| 134-139 M, Clay Kankar    |
| 139-145 M, Medium Sand    |
| 145-153 M, Clay Kankar    |
| 153-156 M, Medium Sand    |



### ABSTRACT

|    |                          |               |
|----|--------------------------|---------------|
| 1  | Type of Rig Machine      | :- DC/RC      |
| 2  | Static Water level       | :-            |
| 3  | Required Discharge       | :- 600 LPM    |
| 4  | Bore Size (MM)           | :- 500x450    |
| 5  | Assembly Size (MM)       | :- 200 x 150  |
| 6  | Drilling Starting Date   | :- 25.04.2022 |
| 7  | Drilling Completion Date | :- 29.04.2022 |
| 8  | Total Depth Of Drilling  | :- 165 M      |
| 9  | Logging Date             | :- 30.04.2022 |
| 10 | Logging Depth            | :- 156 M      |

### Logging Report

| Sl.No | Depth (mbgl) | Thickness (m) | Remarks                        |
|-------|--------------|---------------|--------------------------------|
| 1     | 25-35        | 10            | Fine to Medium Sand (Good All) |
| 2     | 45-50        | 05            |                                |
| 3     | 55-65        | 10            |                                |
| 4     | 72-76        | 04            |                                |
| 5     | 85-95        | 10            |                                |
| 6     | 100-112      | 12            |                                |
| 7     | 125-134      | 09            |                                |
| 8     | 139-145      | 06            |                                |
| 9     | 153-156      | 03            |                                |

### 11. Details of Lowered Assembly

|                                   |                 |
|-----------------------------------|-----------------|
| i) 200 mm Dia Housing Pipe        | :- 47.52 Meter  |
| ii) 150 mm Dia M. S. Slotted pipe | :- 24.09 Meter  |
| iii) 150 mm Dia M. S. Plain pipe  | :- 66.82 Meter  |
| iv) 200 x 150 mm Dia M S Reducer  | :- 0.20 Meter   |
| Total                             | :- 138.63 Meter |
| AGI                               | :- 00.50 Meter  |
| BGL                               | :- 138.13 Meter |

12. Date of Lowering :- 02.05.2022



Recommended &

Prepared by

M/S. NCC Ltd.

Verified by

*Signature*

M/S. Ceinsys Tech Ltd.

Recommended by

*Signature*  
J.E

13th Division UP Jal Nigam (R) Lucknow

Approved by

*Signature*  
A.E

13th Division UP Jal Nigam (R) Lucknow

*Signature*  
E.E

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

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP-22-23:LS: 104  
Dated: 30-04-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bawan  
Block: Mohammadi  
District: Lakhimpur Kheerl  
State: Uttar Pradesh  
Drilling depth: 165.0 m bgl  
Logging depth: 156.0 m bgl  
Date of logging: 30-04-2022  
Rm -18.0  $\Omega$ m Rw - 15.0  $\Omega$ m

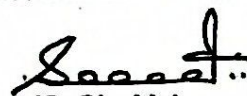
Borewell Drilled By: NCC Limited, Lakhimpur Kheerl, Uttar Pradesh.

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.      | 25 - 35            | 10                 | Good                               |
| 2.      | 45 - 50            | 05                 | Good                               |
| 3.      | 55 - 65            | 10                 | Good                               |
| 4.      | 72 - 76            | 04                 | Good                               |
| 5.      | 85 - 95            | 10                 | Good                               |
| 6.      | 100 - 112          | 12                 | Good                               |
| 7.      | 125 - 134          | 09                 | Good                               |
| 8.      | 139 - 145          | 06                 | Good                               |
| 9.      | 153 - 156          | 03                 | Good                               |

Note: 1. Fine Bands of Kankar are intermixed with almost all the zones.

For Geo Instruments & Technic's

  
(S. Shukla)