

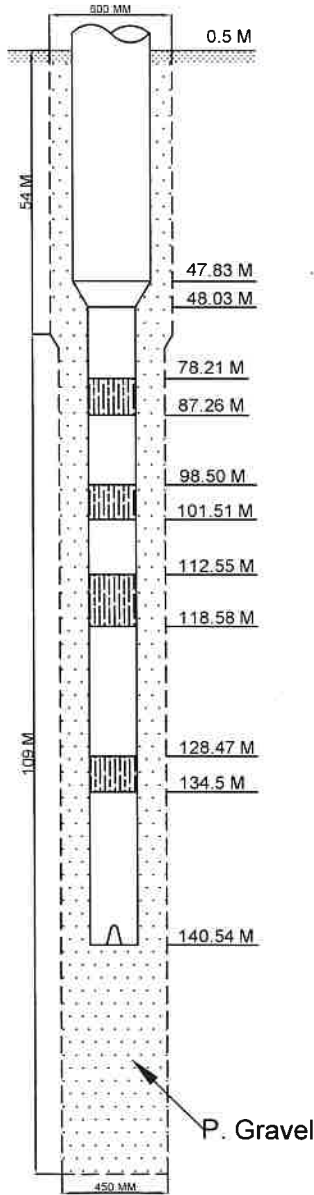
COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Asauwa, Block Mohammadi, 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 Asauwa G.P W/S Scheme District :- Lakhimpur Kheri.

Strata

| |
|----------------------------|
| 0-3 M, Surface Clay |
| 3- 22 M, Clay & Silty Soil |
| 22- 32 M, Fine Sand |
| 32 - 45 M, Clay |
| 45- 56 M, Fine Sand |
| 56 -77 M, Clay |
| 77 - 88 M, Medium Sand, |
| 88 - 97 M, Clay Kankar, |
| 97 -102 M, Medium Sand, |
| 102 - 110 M, Clay Kankar, |
| 110 - 119 M, Medium Sand, |
| 119 - 126 M, Clay Kankar, |
| 126-135 M, Medium Sand, |
| 135-148 M, Clay Kankar, |
| 148-160 M, Medium Sand, |



ABSTRACT

| | | |
|----|--------------------------|---------------|
| 1 | Type of Rig Machine | :- DC/RC |
| 2 | Static Water level | :- |
| 3 | Required Discharge | :- 550 LPM |
| 4 | Bore Size (MM) | :- 500x450 |
| 5 | Assembly Size (MM) | :- 200 x 150 |
| 6 | Drilling Starting Date | :- 20.01.2022 |
| 7 | Drilling Completion Date | :- 27.01.2022 |
| 8 | Total Depth Of Drilling | :- 175.0 M |
| 9 | Logging Date | :- 28.01.2022 |
| 10 | Logging Depth | :- 163.0M |

Logging Report

| Sl.No | Depth (mbgl) | Thickness (m) | Remarks |
|-------|--------------|---------------|--------------------------------|
| 1 | 22-32 | 10 | Fine to Medium Sand (Good All) |
| 2 | 45-56 | 11 | |
| 3 | 77-88 | 11 | |
| 4 | 97-102 | 5 | |
| 5 | 110-119 | 9 | |
| 6 | 126-135 | 9 | |
| 7 | 148-160 | 12 | |

11. Details of Lowered Assembly

| | |
|-----------------------------------|-----------------|
| i) 200 mm Dia Housing Pipe | :- 48.33 Meter |
| ii) 150 mm Dia M. S. Slotted pipe | :- 24.12 Meter |
| iii) 150 mm Dia M. S. Plain pipe | :- 68.39 Meter |
| iv) 200 x 150 mm Dia M S Reducer | :- 0.20 Meter |
| Total | :- 141.04 Meter |
| AGI | :- 00.50 Meter |
| BGL | :- 140.54 Meter |

12. Date of Lowering :- 01.02.2022



Recommended & Prepared by

M/S. NCC Ltd.

Verified by

[Signature]
CO/tee

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

EO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Service Dealer : Uptron Borehole logging system, UPTRON INDIA.LTD., LUCKNOW

Ref:GIT:UP:21-22:LS: 167

Dated: 29-01-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Asauwa
Block: Mohammdi
District: Lakhimpur Kheeri
State: Uttar Pradesh
Drilling depth: 175.0 m bgl
Logging depth: 163.0 m bgl
Date of logging: 28-01-2022
Rm -16.0Ωm Rw - 17.0Ωm

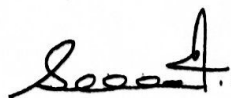
Tubewell Drilled By: NCC Limited, Lakhimpur Kheeri, Uttar Pradesh.

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. | 22 - 32 | 10 | Good |
| 2. | 45 - 56 | 11 | Good |
| 3. | 77 - 88 | 11 | Good |
| 4. | 97 - 102 | 05 | Good |
| 5. | 110 - 119 | 09 | Good |
| 6. | 128 - 135 | 09 | Good |
| 7. | 148 - 160 | 12 | Good |

Verified as per logs provided.

For Geo Instruments & Technic's


(S. Shukla)

ASSISTANT HYDROGEOLOGIST
YAMPIRIK MANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ