

COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Roshan Nagar, Block-Bankeyganj, 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

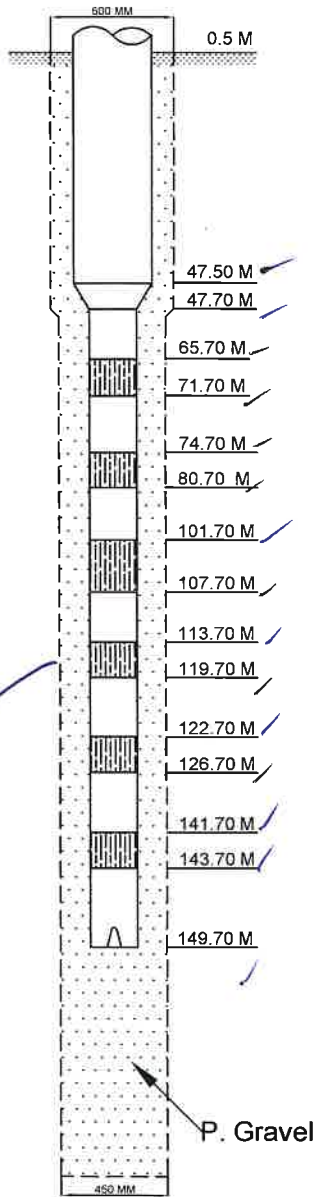
Contract Agreement :- 64/ED/2020-21 Dated on 12.03.2021

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

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

Strata

0-3 M, Surface Clay
3-27 M, Clay & Silty Soil
27-33 M, Fine Sand
33-47 M, Clay
47-59 M, Fine Sand
59-63 M, Clay
63-83 M, Medium Sand
83-100 M, Clay Kankar
100-109 M, Medium Sand
109-113 M, Clay Kankar
113-128 M, Medium Sand
128-141 M, Clay Kankar
141-154 M, Medium Sand
154-160 M, Clay Kankar
160-167 M, Medium Sand



ABSTRACT	
1	Type of Rig Machine :- DC/RC
2	Static Water level :-
3	Required Discharge :- 900 LPM
4	Bore Size (MM) :- 600x450
5	Assembly Size (MM) :- 300 x 150
6	Drilling Starting Date :- 05.03.2022
7	Drilling Completion Date :- 09.03.2022
8	Total Depth Of Drilling :- 180 M
9	Logging Date :- 10.03.2022 <i>g-3-22</i>
10	Logging Depth :- 170 M

Logging Report

Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	27-33	06	Fine to Medium Sand (Good All)
2	47-59	12	
3	63-83	20	
4	100-109	09	
5	113-128	15	
6	141-154	13	
7	160-167	07	

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 :- 72.00 Meter
iv) 300 x 150 mm Dia M S Reducer :- 0.20 Meter
Total :- 150.20 Meter
AGI :- 00.50 Meter
BGL :- 149.70 Meter
12. Date of Lowering :- 12.03.2022

Recommended

&
Prepared by



M/S. NCC Ltd.

Verified by

Randeep
02/02

M/S. Ceinsys Tech Ltd.

Recommended by

(V.K. Yadav)

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

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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:21-22:LS: 278
Dated: 10-03-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

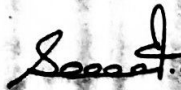
Site: Roshan Nagar
Block: Bankaganj
District: Lakhimpur Kheeri
State: Uttar Pradesh
Drilling depth: 180.0 m bgl.
Logging depth: 170.0 m bgl
Date of logging: 09-03-2022
Rm - 19.0 Qm Rw - 21.0 Qm

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

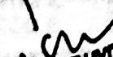
Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' Geophysical Logs, following informations/granular zones have been deciphered:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	27 - 33	06	Good
2.	47 - 59	12	Good
3.	63 - 83	20	Good
4.	100 - 109	09	Good
5.	113 - 128	15	Good
6.	141 - 154	13	Good
7.	160 - 187	07	Good

For Geo Instruments & Technic's


(S. Shukla)

Verified as per
log provided.


ASSISTANT HYDROGEOLOGIST
JANAKI MANDAL
B. S. JAL NIGAM (RURAL)
PRAYAGRAJ