

COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Mirzapur Grant , Block KumbhiGola 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

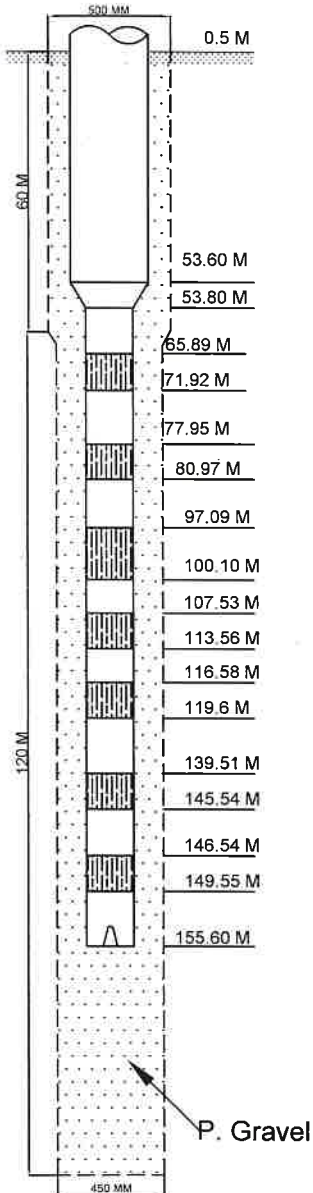
Name of TPI :- Ceinsys Tech Limited

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 Kumbhigola G.P W/S Scheme District :- Lakhimpur Kheri.

Strata	
0-3 M, Surface Clay	
3-38 M, Clay & Silty Soil,	
38-50 M, Fine Sand,	
50-61 M, Clay,	
61-82 M, Fine Sand,	
82-96 M, Clay,	
96-101 M, Medium Sand,	
101-106 M, Clay Kankar,	
106-120 M, Medium Sand,	
120-139 M, Clay Kankar,	
139-150 M, Medium Sand,	
150-157 M, Clay Kankar,	
157-161 M, Medium Sand,	
161-175 M, Clay Kankar,	
175-180 M, Medium Sand,	



ABSTRACT	
1	Type of Rig Machine :- DC/RC
2	Static Water level :-
3	Required Discharge :- 700 LPM
4	Bore Size (MM) :- 500x450
5	Assembly Size (MM) :- 200 x 150
6	Drilling Starting Date :- 06.02.2022
7	Drilling Completion Date :- 12.02.2022
8	Total Depth Of Drilling :- 185 M
9	Logging Date :- 13.02.2022
10	Logging Depth :- 180 M

Logging Report			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	38--50	12	Fine to Medium Sand (Good All)
2	61--82	21	
3	96--101	05	
4	106--120	14	
5	139--150	11	
6	157--161	04	
7	175--180	5	

11. Details of Lowered Assembly	
i) 200 mm Dia Housing Pipe :- 54.10 Meter	
ii) 150 mm Dia M. S. Slotted pipe :- 30.15 Meter	
iii) 150 mm Dia M. S. Plain pipe :- 71.65 Meter	
iv) 200 x 150 mm Dia M S Reducer :- 0.20 Meter	
Total :- 156.10 Meter	
AGI :- 00.50 Meter	
BGL :- 155.6 Meter	
12. Date of Lowering :- 16.02.2022	

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

Recommended by

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

Approved by

 E.E.
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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:21-22:LS: 207

Dated: 14-02-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mirzapur Grant
Block: Kumbhi Gola
District: Lakhimpur Kheeri
State: Uttar Pradesh
Drilling Depth: 185.0 m bgl
Logging Depth: 180.0 m bgl
Date of logging: 13-02-2022
Rm -15.0 Ω m Rw - 18.0 Ω m

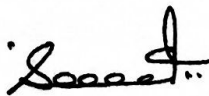
Borehole Drilled by: NCC Limited, Lakhimpur Kheeri, Uttar Pradesh.

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 (meter)	Remark (Quality of Aquifer Water)
1.	38 - 50	12	Good
2.	61 - 82	21	Good
3.	96 - 101	05	Good
4.	106 - 120	14	Good
5.	139 - 150	11	Good
6.	157 - 161	04	Good
7.	175 - 180	05	Good

Verified as per logs provided.

For Geo Instruments & Technic's


(S. Shukla)


ASSISTANT HYDROGEOLOGIST
VARRIK MANDAL
UP. JAL NIGAM (RURAL)
PRAYAGRAJ