

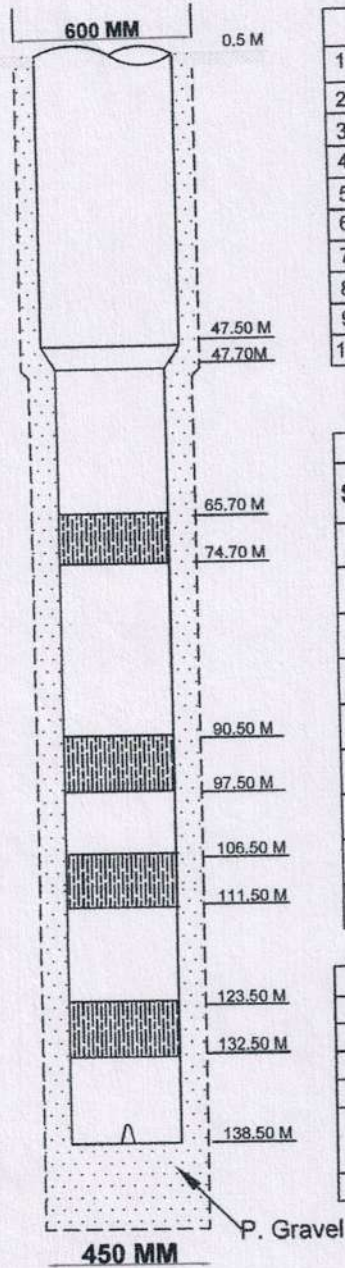
COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Nimchani, Block-Mithauli, 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 Dt. 12.03.2021
 Cover Agreement :- 01/EE Kheri (R)/22-22 Dt: 18/07/22

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

Strata

0-3 mtr Surface Clay
3-27 mtr Clay & Silty Clay.
27-35 mtr Fine Sand
35-47 mtr Clay
47-50 mtr Fine Sand
50-55 mtr Sandy soil
55-60 mtr Fine to Medium Sand
60-65 mtr Clay with Kankar
65-75 mtr Fine Sand with Kankar
75-90 mtr Sandy soil with Caving Clay
90-98 mtr Fine to Medium Sand
98-106 mtr Sandy soil with Kankar
106-112 mtr Fine to Medium Sand
112-120 mtr Clay with Kankar
120-133 mtr Fine Sand with Kankar
133-140 mtr Clay with Kankar
140-144 mtr Fine to Medium Sand
144-157 mtr Clay with Kankar
157-162 mtr Fine to Medium Sand



ABSTRACT

1	Type of Rig Machine	:- DC Cum RC
2	Static Water level	:-
3	Required Discharge	:- 650 LPM
4	Bore Size (MM)	:- 600x450
5	Assembly Size (MM)	:- 300 x 150
6	Drilling Starting Date	:- 19.06.2022
7	Drilling Completion Date	:- 24.06.2022
8	Total Depth Of Drilling	:- 175M
9	Logging Date	:- 25.06.2022
10	Logging Depth	:- 170M

Logging Report By GIC Lucknow

Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	27-35	8	Fine to Medium Sand (Good All)
2	47-50	3	
3	55-60	5	
4	65-75	10	
5	90-98	8	
6	106-112	6	
7	120-133	13	
8	140-144	4	
9	157-162	5	

11. Details of Lowered Assembly

i) 300 mm Dia Housing Pipe	:- 48.0 Meter
ii) 150 mm Dia M. S. Slotted pipe	:- 30.00 Meter
iii) 150 mm Dia M. S. Plain pipe	:- 60.80 Meter
iv) 300 x 150 mm Dia M S Reducer	:- 0.20 Meter
Total :- 139.00 Meter	
AGI :- 00.50 Meter	
BGL :- 138.50 Meter	

12. Date of Lowering :- 27.06.2022

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

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

13th Division UP Jal Nigam (R) Lucknow

Approved by

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



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Kheri/22

Date : 25.06.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Nimchaini, Block – Mitauli
Distt. – Kheri

Drilling Depth : 175 mbgl as Reported by Driller

Logged Depth : ~~170~~ mbgl

Date of Logging : 25.06.22

Types of Log : S.P. & ~~Resistivity~~ (Normal & Lateral)

Logger Used : ~~Upton~~

Presence : Representative of M/S NCC Ltd.

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strata	R _{mf} & R _w
1	27 – 35	8	Good	R _{mf} = 26 Ωm R _w = 29 Ωm
2	47 – 50	3	Good	
3	55 – 60	5	Good	
4	65 – 75	10	Good, Intermixed with finer bands of kankar	
5	90 – 98	8	Good	
6	106 – 112	6	Good	
7	120 – 133	13	Good, Intermixed with finer bands of kankar	
8	140 – 144	4	Good	
9	157 – 162	5	Good	

Remark :

CC :

M/S NCC Limited, Kheri

Verified as per logs provided.

G.S.P.
ASSISTANT HYDROGEOLOGIST
20708/22
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

Singh

(*Singh*)
Geophysicist