

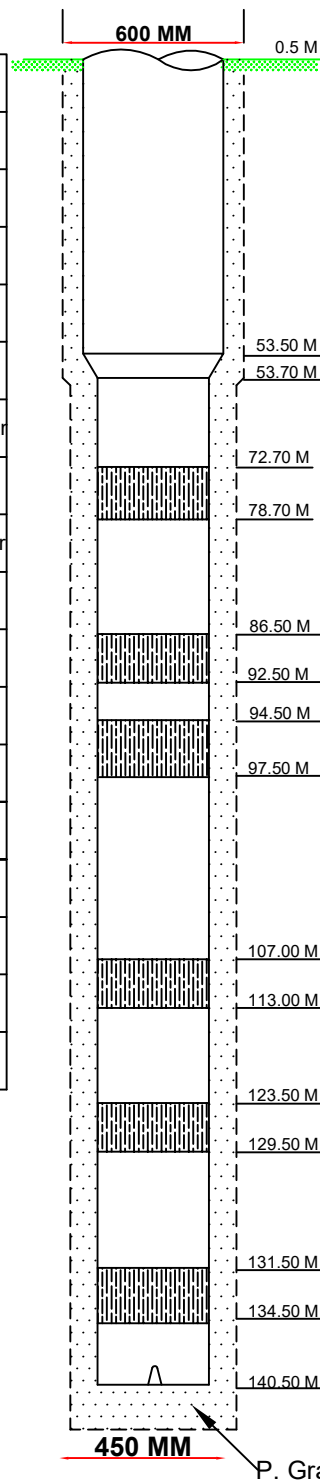
COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P.Bastuali, Block-Kumbhi Gola, 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
Cover Agreement :- 200/ED/2021-22 Dt. 30 November 2021

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

Strata

0-3 mtr Surface Clay
3-25 mtr Clay & Silty Clay.
25-34 mtr Fine Sand With Kankar
34-41 mtr Clay with Kankar
41-47 mtr Fine Sand with Kankar
47-55 mtr Sandy soil With Kankar
55-65 mtr Fine to Medium Sand With Kankar
65-72 mtr Clay with Kankar
72-79mtr Fine to Medium Sand With Kankar
79-86 mtr Sandy soil with Caving Clay
86-98 mtr Medium Sand With Kankar
98-106 mtr Sandy soil With Kankar
106-116 mtr Fine Sand With Kankar
116-123 mtr Clay with Kankar soil
123-135 mtr Fine Sand With Kankar
135-144 mtr Clay with Kankar soil
144-164 mtr Medium Sand With Kankar
164-170 mtr Sandy soil With Kankar



ABSTRACT	
1	Type of Rig Machine :- DC Cum RC
2	Static Water level :-
3	Required Discharge :- 800 LPM
4	Bore Size (MM) :- 600x450
5	Assembly Size (MM) :- 300 x 150
6	Drilling Starting Date :- 08.04.2022
7	Drilling Completion Date :- 16.04.2022
8	Total Depth Of Drilling :- 175 mtr
9	Logging Date :- 17.04.2022
10	Logging Depth :- 170M

Logging Report By Aqua Xplore Lucknow			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	25--34	9	Fine to Medium Sand (Good All)
2	41--47	6	
3	55--65	10	
4	72--79	7	
5	86--98	12	
6	106--116	10	
7	123--135	12	
8	144--164	20	

11. Details of Lowered Assembly	
i)	300 mm Dia Housing Pipe :- 54.0 Meter
ii)	150 mm Dia M. S. Slotted pipe :- 30.00Meter
iii)	150 mm Dia M. S. Plain pipe :- 56.80 Meter
iv)	300 x 150 mm Dia M S Reducer :- 0.20 Meter
Total :- 141.00 Meter	
AGI :- 00.50 Meter	
BGL :- 140.50 Meter	
12. Date of Lowering	:- 16.04.2022

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

Approved by

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

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/10

Date : 17.04.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Bastouli, Block –Gola
Distt. – Kheri

Drilling Depth : 175 mbgl as Reported by Driller

Logged Depth : 170 mbgl

Date of Logging : 17.04.22

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	25 – 34	9	Good	R _{mf} = 28 Ωm R _w = 31 Ωm
2	41 – 47	6	Good	
3	55 – 65	10	Good	
4	72 – 79	7	Good	
5	86 – 98	12	Good	
6	106 – 116	10	Good	
7	123 – 135	12	Good	
8	144 – 164	20	Good	

Remark :

CC :

1. M/S NCC Limited, Kheri

Verified as per logs provided.

G. S. Ch
ASSISTANT HYDROGEOLOGICIST
YANTRIK MANDAL
LUCKNOW
18/04/22
PRAYAGRAJ

A.K. Singh

(A.K. Singh)
Geophysicist