

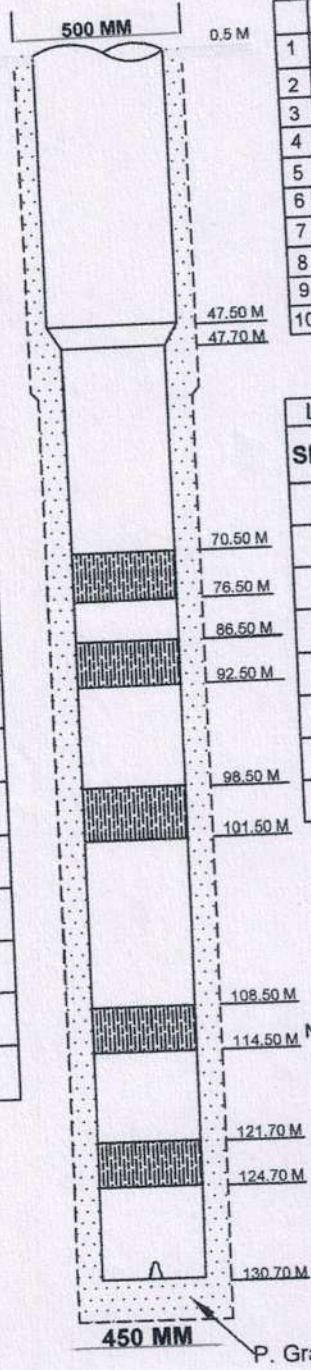
COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P Rasoolpur, Block-Mithauli, District, LakhimpurKheri.
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 :- 313/ED/2022-23/V Dt: 02/08/2022

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

Strata

0-3 mtr Surface Clay
3-27 mtr Clay & Silty Clay.
27-39 mtr Fine Sand
39-47 mtr Clay
47-51 mtr Fine Sand
51-55 mtr Sandy soil
55-62 mtr Fine to Medium Sand
62-70 mtr Clay with Kankar
70-77 mtr Fine Sand with Kankar
77-86 mtr Sandy soil with Caving Clay
86-103 mtr Fine Sand with Kankar
103-108 mtr Sandy soil with Kankar
108-116 mtr Fine Sand
116-120 mtr Clay with Kankar
120-125 mtr Fine Sand with Kankar
125-139 mtr Clay with Kankar
139-154 mtr Fine Sand with Kankar
154-167 mtr Clay with Kankar



ABSTRACT	
1	Type of Rig Machine :- DC Cum RC
2	Static Water level :- 10 Mtr
3	Required Discharge :- 550 LPM
4	Bore Size (MM) :- 500x450
5	Assembly Size (MM) :- 200 x 150
6	Drilling Starting Date :- 03.07.2022
7	Drilling Completion Date :- 05.07.2022
8	Total Depth Of Drilling :- 170 mtr
9	Logging Date :- 06.07.2022
10	Logging Depth :- 167 Mtr

Logging Report By Ground Water Investigation Center			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	27-39	12	Fine to Medium Sand (Good All)
2	47-51	4	
3	55-62	7	
4	70-77	7	
5	86-103	17	
6	108-116	8	
7	120-125	5	
8	139-154	15	

Note:- Sr.No.6 Zone are intermixed with fine bands of kankar

11. Details of Lowered Assembly	
i)	200 mm Dia Housing Pipe :- 48.00 Meter
ii)	150 mm Dia M. S. Slotted pipe :- 24.00 Meter
iii)	150 mm Dia M. S. Plain pipe :- 59.00 Meter
iv)	200 x 150 mm Dia M S Reducer :- 0.20 Meter
Total :- 131.70 Meter	
AGI :- 00.50 Meter	
BGL :- 130.70 Meter	
12.	Date of Lowering :- 07.07.2022

Recommended & Prepared by

M/s NCC Ltd

Verified by

M/s Ceinsys Tech Ltd

Recommended by

13th Division UP Jal Nigam (R) Lucknow

Recommended by

13th Division UP Jal Nigam (R) Lucknow

Approved by

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



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Mob: 9450659011, 8840756551, 9450364183

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

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Kheri/27

Date : 06.07.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~167~~ mbgl

Date of Logging : 06.07.22

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 – 39	12	Good	R _{mf} = 27 Ωm R _w = 28 Ωm
2	47 – 51	4	Good	
3	55 – 62	7	Good	
4	70 – 77	7	Good	
5	86 – 103	17	Good, Intermixed with finer bands of kankar	
6	108 – 116	8	Good	
7	120 – 125	5	Good	
8	139 – 154	15	Good, Intermixed with finer bands of kankar	

Remark :

CC :

M/S NCC Limited, Kheri

*Verified as per logs provided.
Note: To avoid kankar bands in Sr No 5, it may consider as 076-93 (7m) and 95-102 (7m).*

G. C. Singh
ASSISTANT HYDROGEOLOGIST
O.P. JAL NIGAM (RURAL)
PRAYAGRAJ

