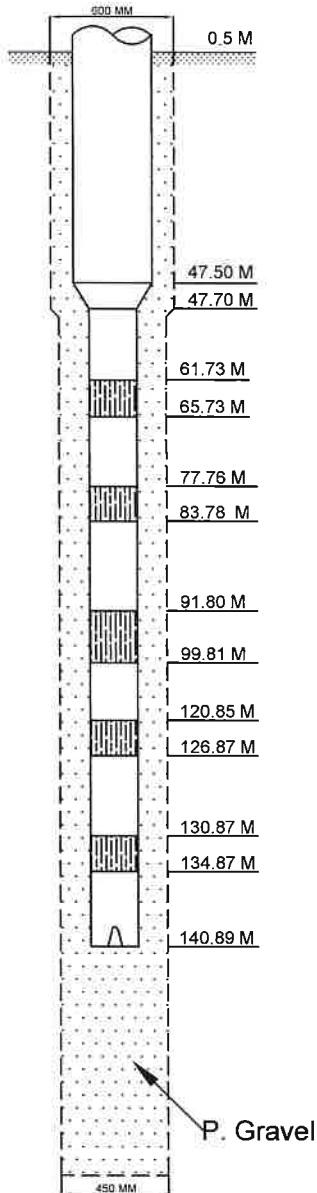


COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Basahi Colony , Block-Palia, 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 Basahi Colony G.P W/S Scheme District :- Lakhimpur Kheri.

Strata	
0-3 M, Surface Clay	
3-20 M, Clay & Silty Soil	
20-30 M, Fine Sand	
30-35 M, Clay	
35-42 M, Fine Sand	
42-50 M, Clay	
50-56 M, Fine Sand	
56-60 M, Clay	
60-66 M, Medium Sand	
66-77 M, Clay Kankar	
77-86 M, Medium Sand	
86-91 M, Clay Kankar	
91-102 M, Medium Sand	
102-108 M, Clay Kankar	
108-148 M, Medium Sand	



ABSTRACT	
1	Type of Rig Machine :- DC/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 :- 20.04.2022
7	Drilling Completion Date :- 24.04.2022
8	Total Depth Of Drilling :- 180 M
9	Logging Date :- 25.04.2022
10	Logging Depth :- 172 M

Logging Report			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	20-30	10	Fine to Medium Sand (Good All)
2	35-42	07	
3	50-56	06	
4	60-66	06	
5	77-86	09	
6	91-102	11	
7	108-148	40	

11. Details of Lowered Assembly	
i) 300 mm Dia Housing Pipe :- 47.50 Meter	
ii) 150 mm Dia M. S. Slotted pipe :- 28.05 Meter	
iii) 150 mm Dia M. S. Plain pipe :- 65.64 Meter	
iv) 300 x 150 mm Dia M S Reducer :- 0.20 Meter	
Total :- 141.39 Meter	
AGI :- 00.50 Meter	
BGL :- 140.89 Meter	
12. Date of Lowering :- 25.04.2022	

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, 8940756551, 9450364183

Email: si.amarash11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JM/ Kheri/11

Date : 25.04.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Basahi Colony, Block - Palia
Distt. - Kheri

Drilling Depth : 180 mbgl as Reported by Driller

Logged Depth : 172 mbgl

Date of Logging : 25.04.22

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

Logger Used : Uptron

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	20 - 30	10	Good	R _{mf} = 28 Ωm R _w = 31 Ωm
2	35 - 42	7	Good	
3	50 - 56	6	Good	
4	60 - 66	6	Good	
5	77 - 86	9	Good	
6	91 - 102	11	Good	
7	108 - 148	40	Good	

Remark : Strata up to 42mbgl written on the basis of Lateral Log.

CC:

1. M/S NCC Limited, Kheri

Verified as per logs provided.
Note - Sr No 7 - have fine bands of Ranker intermixed.

ASSISTANT DIRECTOR
YANTRIK MANBHA
RPSA (RICKETTRURAL)
PRAYAGRAJ


(A.K. Singh)
Geophysicist