

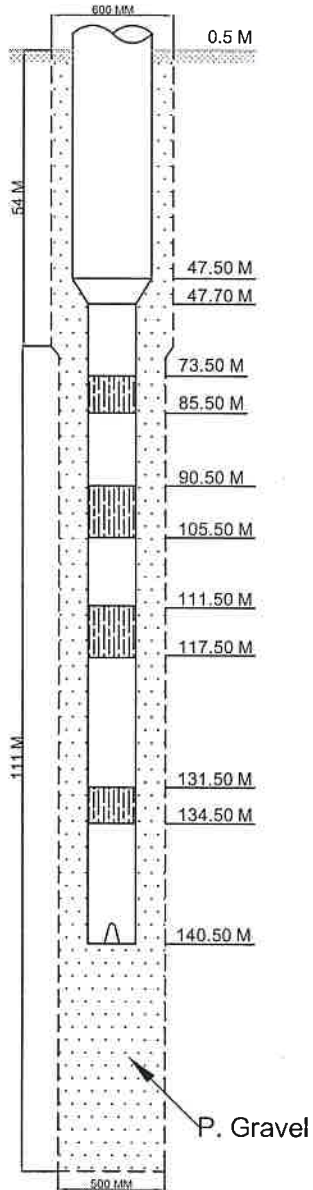
COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Pipariya Bhoor, Block-Bijua, 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 :- 313/ED/2022-23/V Dt. 02 August, 2022

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

Strata

0-3 M, Surface Clay
3-32 M, Clay & Silty Soil
32-37 M, Fine Sand
37-55 M, Clay
55-64 M, Fine Sand
64-69 M, Clay
69-86 M, Intermediate with Finer Bands of Kankar
86-90 M, Clay Kankar
90-106 M, Intermediate with Finer Bands of Kankar
106-110 M, Clay Kankar
110-118 M, Fine to Medium Sand
118-130 M, Clay Kankar
130-135 M, Fine To Medium Sand
135-145 M, Clay Kankar
145-151 M, Fine to medium sand
151-162 M, Clay Kankar
162-170 M, Intermixed with Finer Bands of Kankar



ABSTRACT

1	Type of Rig Machine	:- DC/RC
2	Static Water level	:-
3	Required Discharge	:- 1100 LPM
4	Bore Size (MM)	:- 600x450
5	Assembly Size (MM)	:- 300 x 150
6	Drilling Starting Date	:- 09.09.2022
7	Drilling Completion Date	:- 12.09.2022
8	Total Depth Of Drilling	:- 175 M
9	Logging Date	:- 13.09.2022
10	Logging Depth	:- 173 M

Logging Report

Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	32-37	5	Fine to Medium Sand (Good All)
2	55-64	9	
3	69-86	17	
4	90-106	16	
5	110-118	8	
6	130-135	5	
7	145-151	6	
8	162-170	8	

11. Details of Lowered Assembly

i) 300 mm Dia Housing Pipe	:- 48.00 Meter
ii) 150 mm Dia M. S. Slotted pipe	:- 36.0 Meter
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	:- 14.09.2022

Recommended
&
Prepared by

M/S. NCC Ltd.

Verified by

M/S. Ceinsys Tech Ltd.

Recommended by

Alim
J.E
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GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/IJM/ Kheri/33

Date : 13.09.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Piparia Bhoor, Block – Bijua
Distt. – Kheri

Drilling Depth : 175 mbgl as Reported by Driller

Logged Depth : 170 mbgl *173 mbgl.*

Date of Logging : 13.09.22

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	32 – 37	5	Good	R _{mf} = 23 Ωm R _w = 23.2 Ωm
2	55 – 64	9	Good	
3	69 – 86	17	Good, Intermixed with finer bands of kankar	
4	90 – 106	16	Good, Intermixed with finer bands of kankar	
5	110 – 118	8	Good	
6	130 – 135	5	Good	
7	145 – 151	6	Good	
8	162 – 170	8	Good, Intermixed with finer bands of kankar	

Remark :

CC :

1. M/S NCC Limited, Kheri

Verified as per logs provided.

Sgt
ASSISTANT HYDROGEOLOGIST
CIRCLE OFFICE (EM)
B.P. JALMAGAM (RURAL)
PRAYAGRAJ

Dr

(*A. K. Singh*)
Geophysicist