

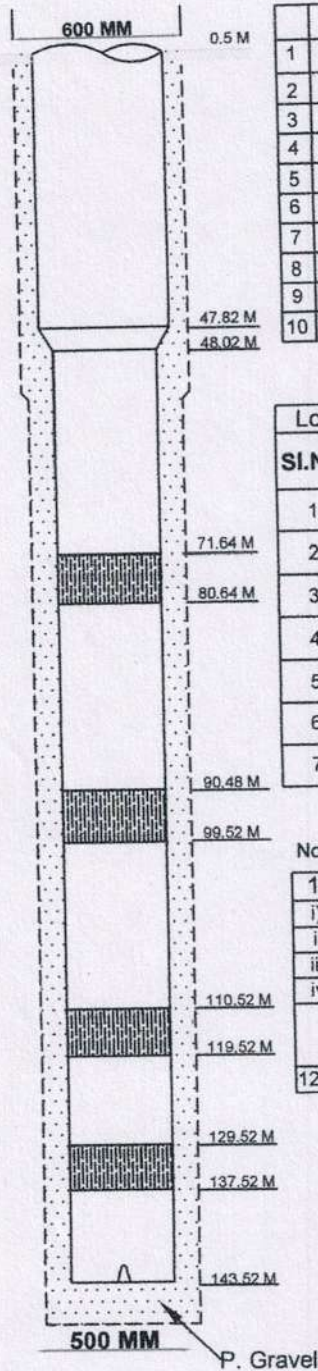
COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P Kumbhi, Block-Kumbhigola, 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 :-

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

Strata

0-3 mtr Surface Clay
3-27 mtr Clay & Silty Clay.
27-36 mtr Fine Sand
36-44 mtr Clay with Kankar
44-61 mtr Fine Sand with Kankar
61-70 mtr Sandy soil With Kankar
70-82 mtr Fine to Medium Sand
82-90 mtr Clay with Kankar
90-100mtr Fine to Medium Sand
100-110 mtr Sandy soil with Caving Clay
110-120 mtr Fine Sand With Kankar
120-129 mtr Sandy soil With Kankar
129-138 mtr Fine Sand With Kankar
138-145 mtr Clay Sand With Kankar
145-152 mtr Fine Sand With Kankar



ABSTRACT	
1	Type of Rig Machine :- DC Cum RC
2	Static Water level :-
3	Required Discharge :- 1400 LPM
4	Bore Size (MM) :- 600x500
5	Assembly Size (MM) :- 300 x 200
6	Drilling Starting Date :- 15.07.2022
7	Drilling Completion Date :- 21.07.2022
8	Total Depth Of Drilling :- 165 mtr
9	Logging Date :- 22.07.2022
10	Logging Depth :- 155M

Logging Report By Ground Water Investigation Center			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	27-36	9	Fine to Medium Sand (Good All)
2	44-61	17	
3	70-82	12	
4	90-100	10	
5	110-120	10	
6	129-138	9	
7	145-152	7	

Note:-Sr No. 2 & 6 are intermixed with fine bands of kankar

11. Details of Lowered Assembly	
i)	300 mm Dia Housing Pipe :- 48.32 Meter
ii)	200 mm Dia M. S. Slotted pipe :- 35.04Meter
iii)	200 mm Dia M. S. Plain pipe :- 60.46 Meter
iv)	300 x 200 mm Dia M S Reducer :- 0.20 Meter
Total :- 144.02 Meter	
AGI :- 00.50 Meter	
BGL :- 143.52 Meter	
12.	Date of Lowering :- 23.07.2022

Recommended & Prepared by



M/s NCC Ltd

Verified by

M/s Ceinsys Tech Ltd

Recommended by

J.E
J.E

13th Division UP Jal Nigam (R) Lucknow

A.E
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GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Kheri/28

Date : 22.07.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 165 mbgl as Reported by Driller

Logged Depth : 155 mbgl

Date of Logging : 22.07.22

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 strara	R _{mf} & R _w
1	27 – 36	9	Good	R _{mf} = 33 Ωm R _w = 37 Ωm
2	44 – 61	17	Good, Intermixed with finer bands of kankar	
3	70 – 82	12	Good	
4	90 – 100	10	Good	
5	110 – 120	10	Good	
6	129 – 138	9	Good, Intermixed with finer bands of kankar	
7	145 – 152	7	Good	

Remark :

CC :

M/S NCC Limited, Kheri

Verified as per logs provided.

S. Singh
ASSISTANT HYDROGEOLOGIST
22/07/22
U.P. JAL NISAM (RURAL)
PRAYAGRAJ

Singh

(S. Singh)
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