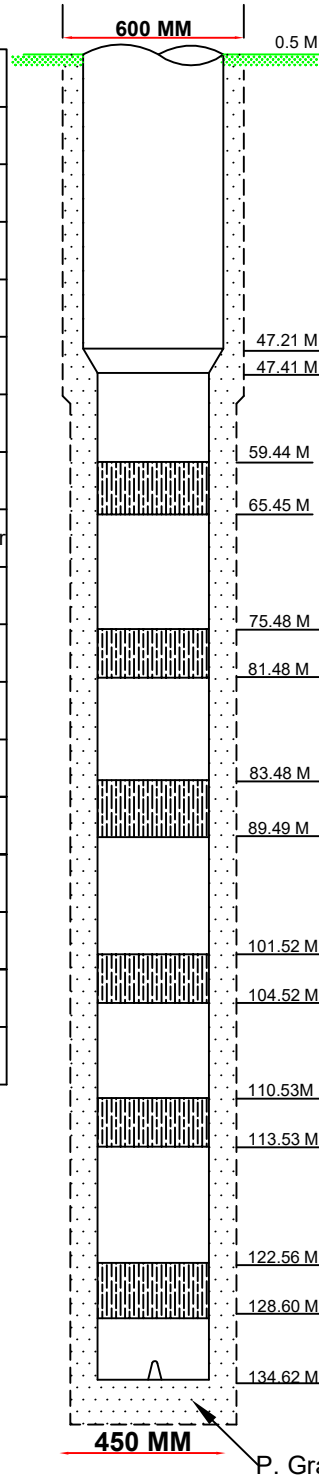


# COMPLETION PLAN OF TUBEWELL

**Name of work** :- Construction of T. W. of G.P. Sahajani, Block-Nakaha, 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 Dt. 12.03.2021  
**Cover Agreement** :- 200/ED/2021-22/III Dt. 30 November, 2021  
**Lowered Assembly Chart of T. W of Sahajani G.P W/S Scheme District :- Lakhimpur Kheri.**

## Strata

0-3 mtr Surface Clay
3-25 mtr Clay & Silty Clay.
25-35 mtr Fine Sand With Kankar
35-45 mtr Clay with Kankar
45-52 mtr Fine Sand with Kankar
52-58 mtr Sandy soil With Kankar
58-68 mtr Fine Sand With Kankar
68-74 mtr Clay with Kankar
74-90mtr Fine to Medium Sand With Kankar
90-100 mtr Sandy soil with Caving Clay
100-106 mtr Fine Sand With Kankar
106-110 mtr Sandy soil With Kankar
110-116 mtr Fine Sand With Kankar
116-122 mtr Clay with Kankar soil
122-132mtr Fine Sand With Kankar
132-140 mtr Clay With Kankar
140-160mtr Fine Sand With Kankar
160-165 mtr Clay 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 :- 01.04.2022
7	Drilling Completion Date :- 06.04.2022
8	Total Depth Of Drilling :- 167M
9	Logging Date :- 25.04.2022
10	Logging Depth :- 165M

Logging Report By Aqua Xplore Lucknow			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	25--35	10	Fine to Medium Sand (Good All)
2	45--52	7	
3	58--68	10	
4	74--90	16	
5	100--106	6	
6	110--116	6	
7	122--132	10	
8	140--160	20	

Note:-All Zone are intermixed with fine bands of kankar

11. Details of Lowered Assembly	
i) 300 mm Dia Housing Pipe :- 47.71 Meter	
ii) 150 mm Dia M. S. Slotted pipe :- 30.06Meter	
iii) 150 mm Dia M. S. Plain pipe :- 57.15 Meter	
iv) 300 x 150 mm Dia M S Reducer :- 0.20 Meter	
Total :- 135.12 Meter	
AGI :- 00.50 Meter	
BGL :- 134.62 Meter	
12. Date of Lowering :- 22.01.2022	

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



# Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow – 226001  
Mob. 9918202546 / 9889323322, Email-aquaxploreko@gmail.com

Advisor- Dr. R. A. Yadav, ex- Manager (Groundwater), U. P. Jal Nigam

Ref 425 — S / AX - 2022 Date 25.04.2022


## Geophysical Borehole Logging Report

Name of the site : Sahejani, Block- Nakaha  
District : Kheri  
Date : 25.04.2022  
Depth logged : 165.0 mbgl  
Depth drilled : 167.0 mbgl  
Logger use : Robertson make  
Presence : Representative of M/S NRC, Kheri

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water;

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	25.0—35.0	10.0	Good all
2	45.0—52.0	7.0	
3	58.0—68.0	10.0	
4	74.0—90.0	16.0	
5	100.0—106.0	6.0	
6	110.0—116.0	6.0	
7	122.0—132.0	10.0	
8	140.0—160.0	20.0	

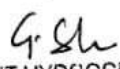
Note. All zones are intermixed with fine bands of kankar. Sl. Nos. 5 & 6 are fine sand.

  
for Aqua Xplore

CC;

M/S N. R. Construction, Kheri.

Verified as per  
logs provided.

  
ASSISTANT HYDROGEOLOGIST  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ