

## COMPLETION PLAN OF TUBEWELL

**Name of work** :- Construction of T. W. of G.P. Shahpur Raja, Block-Mohammadi, 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

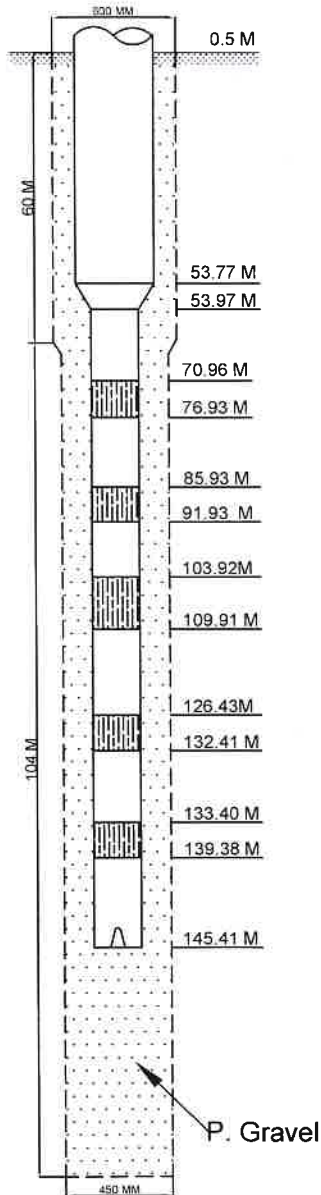
**Contract Agreement** :- 64/ED/2020-21 Dated on 12.03.2021

**Cover Agreement** :- 170/ED/2021-22/II Dt. 22 October, 2021

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

### Strata

0-3 M, Surface Clay
3 - 14 M, Clay & Silty Soil,
14-22 M, Fine Sand,
22-26 M, Clay Kankar,
26-38 M, Fine Sand,
38-43 M, Clay Kankar,
43-65M, Intermixed Kankar,
65-70 M, Clay Kankar,
70-78 M, Medium Sand,
78-85 M, Clay Kankar,
85-95 M, Medium Sand,
95-100 M, Clay Kankar,
100-118 M, Intermixed Kankar
118-126 M, Clay Kankar,
126-140 M, Medium Sand,
140-144 M, Clay Kankar,
144-148 M, Fine Sand Sandm



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 :- 12.12.2021
7	Drilling Completion Date :- 19.12.2021
8	Total Depth Of Drilling :- 165 M
9	Logging Date :- 20.12.2021
10	Logging Depth :- 164 M

Logging Report			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	14-22	9	Fine to Medium Sand (Good All)
2	26-38	4	
3	43-65	8	
4	70-78	10	
5	85-95	4	
6	100-118	4	
7	126-140	17	
8	144-148	14	

Note:- Sl.No. 3 & 6 is intermixed with kankar and Sl No.8 is fine sand

11. Details of Lowered Assembly	
i) 300 mm Dia Housing Pipe	:- 54.27 Meter
ii) 150 mm Dia M. S. Slotted pipe	:- 29.92 Meter
iii) 150 mm Dia M. S. Plain pipe	:- 61.52 Meter
iv) 300 x 150 mm Dia M S Reducer	:- 0.20 Meter
Total :- 145.91 Meter	
AGI :- 00.50 Meter	
BGL :- 145.41 Meter	
12. Date of Lowering	:- 26.12.2021



Recommended  
&  
Prepared by

M/S. NCC Ltd.

Verified by

*Asw...*

M/S. Ceinsys Tech Ltd.

Recommended by

*Alvin*

J.E  
13th Division UP Jal  
Nigam (R) Lucknow

Approved by

*A.E*

A.E  
13th Division UP Jal  
Nigam (R) Lucknow

*E.E*

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 1220 - G / AX - 2021

Date 20.12.2021

## Geophysical Borehole Logging Report

Name of the site : Shahpur Raja, Block- Mohamadi

District : Kheri

Date : 20.12.2021

Depth logged : 164.0 mbgl

Depth drilled : 165.0 mbgl - as reported

Logged by : Aqua Xplore

Presence : Representative of M/S NCC Limited, 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	14.0—22.0	8.0	Good all
2	26.0—38.0	12.0	
3	43.0—65.0	22.0	
4	70.0—78.0	8.0	
5	85.0—95.0	10.0	
6	100.0—118.0	18.0	
7	126.0—140.0	14.0	
8	144.0—148.0	4.0	

Note. Sl.Nos.3 & 6 are intermixed with kankar and Sl.No.8 is fine sand.

for Aqua Xplore

CC;

1. Executive Engineer, XIIIth. Divn. (Rural), U.P.Jal Nigam, Lucknow.
2. M/S NCC Limited, Kheri.
3. M/S SCION Mines & Minerals, 4/39, Vishal Khand, Gomti Nagar, Lucknow-226010.