

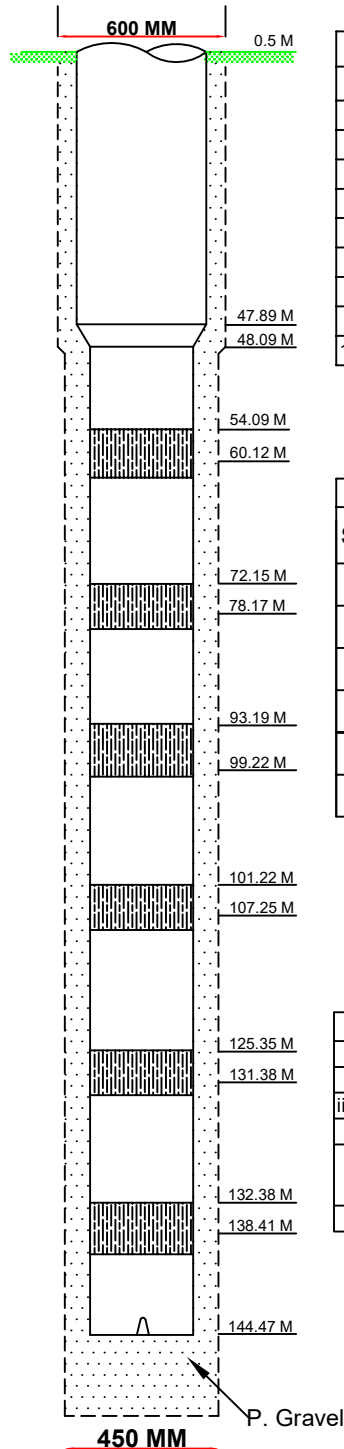
COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Betisehdev, Block. Issanagar, 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 :-245/ED/2021-22/IV Dt. 20 January, 2022

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

Strata

0-3 mtr Surface Clay
3-42 mtr Sandy Clay.
42-62 mtr Fine Sand
62-68 mtr Clay
68-82 mtr Fine Sand
82-92 mtr Sandy soil
92-122 mtr Fine Sand With Kankar
122-124 mtr Clay with Kankar
124-144 mtr Fine to Medium Sand
144-150 mtr Sandy soil with Caving Clay
150-160 mtr Medium Sand
160-165 mtr Sandy soil with Kankar



ABSTRACT	
1	Type of Rig Machine :- DC Cum RC
2	Static Water level :-
3	Required Discharge :- 950 LPM
4	Bore Size (MM) :- 600x450
5	Assembly Size (MM) :- 300 x 150
6	Drilling Starting Date :- 30.03.2022
7	Drilling Completion Date :- 03.04.2022
8	Total Depth Of Drilling :- 165.0 M
9	Logging Date :- 04.04.2022
10	Logging Depth :- 162.0M

Logging Report By Aqua Xplore Lucknow			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	42--62	20	Fine to Medium Sand (Good All)
2	68--82	14	
3	92--122	30	
4	124--144	20	
5	150--160	10	

NOTE: Sl.No 3 From 110-112 mbgl Thin Band of Kankar And Fine Sediment are present.

11. Details of Lowered Assembly	
i) 300 mm Dia Housing Pipe	:- 48.39 Meter
ii) 150 mm Dia M. S. Slotted pipe	:- 36.17 Meter
iii) 150 mm Dia M. S. Plain pipe	:- 60.21 Meter
iv) 300 x 150 mm Dia M S Reducer	:- 0.20 Meter
Total	:- 144.97Meter
AGI	:- 00.50 Meter
BGL	:- 144.47Meter
12. Date of Lowering	:- 06.04.2022

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



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref 404 - B / AX- 2022

Date 04.04.2022

Geophysical Borehole Logging Report

Name of the site : Beti Sahdev, Block- Isha Nagar
District : Kheri
Date : 04.04.2022
Depth logged : 162.0 mbgl
Depth drilled : 165.0 mbgl- as reported
Logged by : Aqua Xplore
Presence : Rep.of M/S NCC/ NRC/Neeram, 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	42.0—62.0	20.0	Good all
2	68.0—82.0	14.0	
3	92.0—122.0	30.0	
4	124.0—144.0	20.0	
5	150.0—160.0	10.0	

Note.

Verified as per logs provided.
Note: In Sr N03- From 110- to 122 mbgl thin bands of kankar and finer sediments are present.

CC;

1. M/S NCC, Kheri
2. M/S N.R. Constructions, Plot No.56, Pragathi Nagar Yousufguda, Hyderabad - 500045, Telangana
2. M/S Neeram Enterprises Private Limited, Shop No.2, Hera Complex, Picnic Spot Road, Lucknow-226016.

ASSISTANT HYDROGEOLOGIST
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PRAYAGRAJ

for Aqua Xplore