



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow – 226001

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

Ref 425 - C / AX- 2022

Date 25.04.2022

Geophysical Borehole Logging Report

Name of the site : Chandarsakala, Block- Isha Nagar

District : Kheri

Date : 25.04.2022

Depth logged : 162.0 mbgl

Depth drilled : 165.0 mbgl- as reported

Logger use : Robertson make

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	30.0—37.0	7.0	Good all
2	42.0—62.0	20.0	
3	70.0—86.0	16.0	
4	90.0—114.0	24.0	
5	116.0—128.0	12.0	
6	132.0—144.0	12.0	
7	152.0—158.0	6.0	

Note, All zones are intermixed with fine bands of kankar.

for Aqua Xplore

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.

Verified as per logs provided.

G.S.H.
ASSISTANT HYDROGEOLOGIST
UR. JAL NIGAM (RURAL)
PRAYAGRAJ

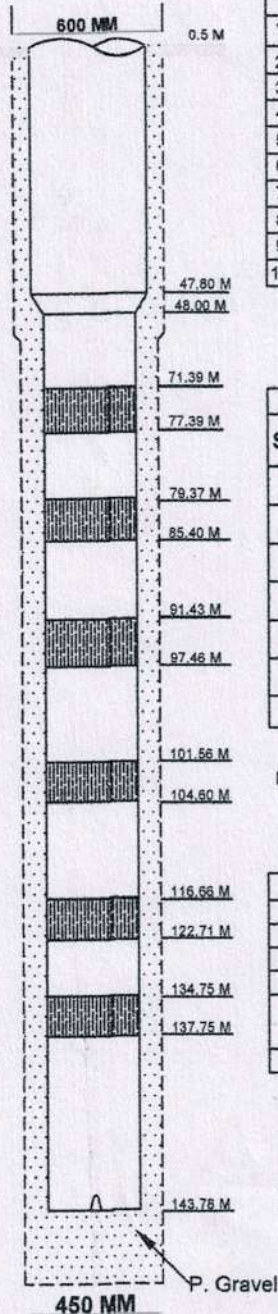
COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Chandrasakalan, Block-Ishanagar, 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: 02/08/2022

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

Strata

0-5 mtr Surface Soil
5-30 mtr Clay Kankar
30-37 mtr Clay With Kankar
30-37 mtr Medium Sand
37-42 mtr Clay with Kankar
42-62 mtr Medium Sand
62-70 mtr Clay With Kankar
70-86 mtr Fine Sand
86-90 mtr Clay
90-114 mtr Fine to Medium Sand
114-116 mtr Sandy Soil With Caving Clay
116-128 mtr Fine Sand With Kankar
128-132 mtr Clay With Kankar
132-144 mtr Fine to Medium Sand
144-152 mtr Clay With Kankar
152-158 mtr Fine to Medium sand
158-162 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 :- 17.04.2022
7	Drilling Completion Date :- 24.04.2022
8	Total Depth Of Drilling :- 165.0 M
9	Logging Date :- 25.04.2022
10	Logging Depth :- 162.0M

Logging Report By Aqua Xpløre Lucknow			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	30-37	7	Fine to Medium Sand (Good All)
2	42-62	20	
3	70-86	16	
4	90-114	24	
5	116-128	12	
6	132-144	12	
7	152-158	6	

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

11. Details of Lowered Assembly	
i)	300 mm Dia Housing Pipe :- 48.30 Meter
ii)	150 mm Dia M. S. Slotted pipe :- 30.15 Meter
iii)	150 mm Dia M. S. Plain pipe :- 65.63 Meter
iv)	300 x 150 mm Dia M S Reducer :- 0.20 Meter
Total :- 144.28 Meter	
AGI :- 00.51 Meter	
BGL :- 143.78 Meter	
12. Date of Lowering	:- 26.04.2022

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

E.E
13th Division U.P Jal Nigam (R) Lucknow