

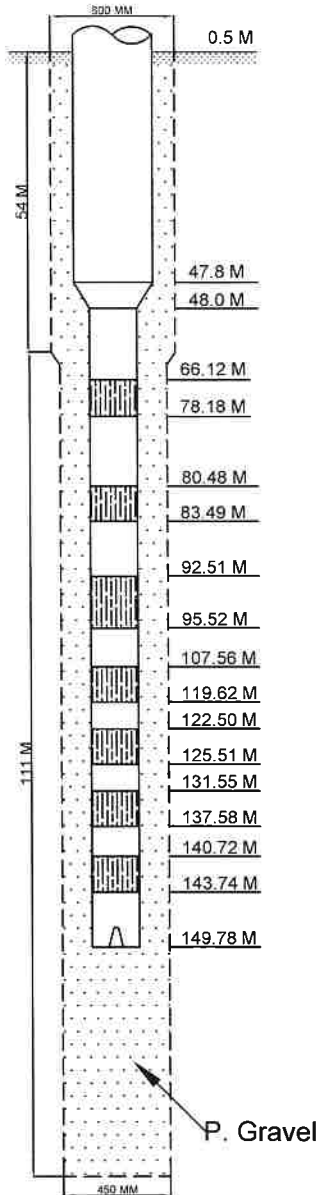
COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Lagucha, Block-Lakhimpur, 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 :- 200/ED/2021-22/III Dt. 30 November, 2021

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

Strata

0-3 M, Surface Clay
3 - 14 M, Clay & Silty Soil,
14-22 M, Find Sand,
22-32 M, Clay ,
32-36 M, Fine Sand,
36-44 M, Clay ,
44-84 M, Medium Sand ,
84-92 M, Clay Kankar ,
92-96 M, Medium Sand ,
96-106 M, Clay Kankar ,
106-126 M, Medium Sand ,
126-130 M, Clay Kankar ,
130-160 M, Medium Sand ,



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 :- 02.01.2022
7	Drilling Completion Date :- 05.01.2022
8	Total Depth Of Drilling :- 167.0 M
9	Logging Date :- 06.01.2022
10	Logging Depth :- 167.0M

Logging Report

Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	14--22	8	Fine to Medium Sand (Good All)
2	32--36	4	
3	44--84	40	
4	92--96	4	
5	106--126	20	
6	130--160	30	

Note:-All Zones are intermixed with fine band kankar.

11. Details of Lowered Assembly

i) 300 mm Dia Housing Pipe :- 48.3 Meter
ii) 150 mm Dia M. S. Slotted pipe :- 42.2 Meter
iii) 150 mm Dia M. S. Plain pipe :- 59.58 Meter
iv) 300 x 150 mm Dia M S Reducer :- 0.20 Meter
Total :- 150.28 Meter
AGI :- 00.50 Meter
BGL :- 149.78 Meter
12. Date of Lowering :- 01.02.2022



Recommended & Prepared by

M/S. NCC Ltd.

Verified by

M/S. Ceinsys Tech Ltd.

Recommended by

13th Division UP Jal Nigam (R) Lucknow

Approved by

13th Division UP Jal Nigam (R) Lucknow

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



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 106 -- L / AX- 2022

Date 06.01.2022


Geophysical Borehole Logging Report

Name of the site : Lagucha, Block- Lakhimpur
District : Kheri
Date : 06.01.2022
Depth logged : 167.0 mbgl
Depth drilled : 170.0 mbgl
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	32.0—36.0	4.0	
3	44.0—84.0	40.0	
4	92.0—96.0	4.0	
5	106.0—126.0	20.0	
6	130.0—160.0	30.0	

Note. All zones are intermixed with fine bands kankar.


for Aqua Xplore

CC;

1. Executive Engineer, XIIIth. Divn. (Rural), U.P.Jal Nigam, Lucknow.
2. M/S NCC Limited, Kheri.
3. Shree Saibaba Borewells, Infront of TVS showroom, Shop No.09, JK Complex, Nagpur Road, Chandrapur, Maharashtra-442401

Report must be reviewed before use. As zone 3, 5 and 6 have various breaks and should properly bifurcated

5.8h
07/07/22
ASSISTANT HYDROGEOLOGIST
YANTRIK MANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ