

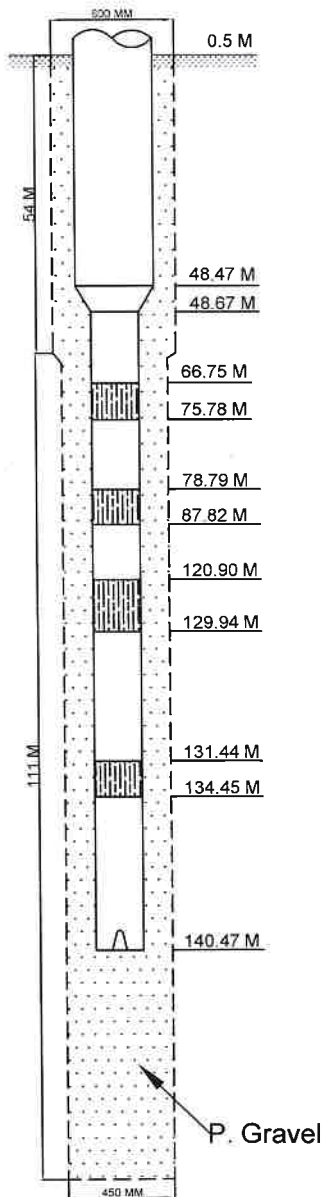
COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Phardhan, Block- Lakhimpur, District, Lakhimpur Kher
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 Phardhan G.P W/S Scheme District :- Lakhimpur Kheri.

Strata

0-3 M, Surface Clay
3 - 28 M, Clay & Silty Soil,
28-38 M, Fine Sand ,
38-57 M, Clay ,
57-90 M, Fine Sand ,
90-97 M, Clay ,
97-116 M, Intermixed Kankar
116-120 M, Clay ,
120-135 M, Medium Sand ,
135-148 M, Clay Kankar ,
148-156 M, Medium Sand ,



ABSTRACT	
1	Type of Rig Machine :- DC/RC
2	Static Water level :-
3	Required Discharge :- 650 LPM
4	Bore Size (MM) :- 600x450
5	Assembly Size (MM) :- 300 x 150
6	Drilling Starting Date :- 23.12.2021
7	Drilling Completion Date :- 30.12.2021
8	Total Depth Of Drilling :- 165.0 M
9	Logging Date :- 31.12.2021
10	Logging Depth :- 165.0 M

Logging Report			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	28--38	10	Fine to Medium Sand (Good All)
2	57--90	33	
3	97-116	19	
4	120--135	15	
5	148--156	8	

Note:-Sl.No. 3 is Intermixed with fine bands kankar.

11. Details of Lowered Assembly	
i) 300 mm Dia Housing Pipe	:- 48.97 Meter
ii) 150 mm Dia M. S. Slotted pipe	:- 30.11 Meter
iii) 150 mm Dia M. S. Plain pipe	:- 61.69 Meter
iv) 300 x 150 mm Dia M S Reducer	:- 0.20 Meter
	Total :- 140.97 Meter
	AGI :- 00.50 Meter
	BGL :- 140.47 Meter
12. Date of Lowering	:- 04.01.2022



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)

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

Ref 1231 - P / AX - 2021

Date 31.12.2021

Geophysical Borehole Logging Report


Name of the site : Phardhan, Block- Laharpur
District : Khon
Date : 31.12.2021
Depth logged : 165.0 mbgl
Depth drilled : 165.0 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(mbg)	Thickness(m)	Remarks
1	28.0—38.0	10.0	Good all Verified as per logs provide
2	57.0—90.0	33.0	
3	97.0—116.0	19.0	
4	120.0—135.0	15.0	
5	148.0—156.0	8.0	

Note. Sl.No 3 is Intermixed with fine bands kankar.


for Aqua Xplore


31/12/21
ASSISTANT HYDROGEOLOG
YANTRIK MANDAL
U.P. JAL NIGAM (RURAL
PRAYAGRAJ)

- CC:
- Executive Engineer, XIIIth. Divn. (Rural), U.P. Jal Nigam, Lucknow.
 - M/S NCC Limited, Kheri.
 - M/S Hariom Enterprises, Neemba Dehra, Mahmoodabad, Sitapur