

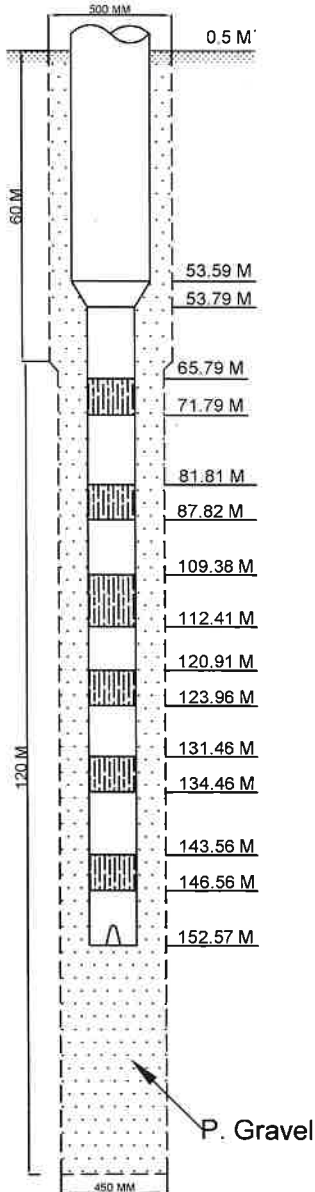
COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Suhela, KumbhiGola, 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 Suhela, G.P W/S Scheme District :- Lakhimpur Kheri.

Strata

0-3 M, Surface Clay
3 - 29 M, Clay & Silty Soil,
29-39 M, Intermixed Kankar,
39-47 M, Clay ,
47-57 M, Fine Sand ,
57-65 M, Clay ,
65-73 M, Intermixed Kankar,
73-78 M, Clay Kankar,
78-89 M, Intermixed Kankar,
89-100 M, Clay Kankar,
100-103 M, Medium Sand,
103-108M, Clay Kankar,
108-113 M, Medium Sand,
113-120 M, Clay Kankar,
120-125 M, Medium Sand,
125-130 M, Clay Kankar,
130-135 M, Intermixed Kankar
135-143M, Clay Kankar,
143-147 M, Intermixed Kankar
147-156 M, Clay Kankar,
156-163 M, Intermixed Kankar
163-170 M, Clay Kankar,
170-174 M, Intermixed Kankar



ABSTRACT	
1	Type of Rig Machine :- DC/RC
2	Static Water level :-
3	Required Discharge :- 600 LPM
4	Bore Size (MM) :- 500x450
5	Assembly Size (MM) :- 200 x 150
6	Drilling Starting Date :- 24.02.2022
7	Drilling Completion Date :- 28.02.2022
8	Total Depth Of Drilling :- 180 M
9	Logging Date :- 01.03.2022
10	Logging Depth :- 180.0 M

Logging Report			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	29-39	10	Fine to Medium Sand (Good All)
2	47-57	10	
3	65-73	8	
4	78-89	11	
5	100-103	3	
6	108-113	5	
7	120-125	5	
8	130-135	5	
9	143-147	4	
10	156-163	7	
11	170-174	4	

11. Details of Lowered Assembly	
i) 200 mm Dia Housing Pipe :- 54.09 Meter	
ii) 150 mm Dia M. S. Slotted pipe :- 24.09 Meter	
iii) 150 mm Dia M. S. Plain pipe :- 74.69 Meter	
iv) 300 x 150 mm Dia M S Reducer :- 0.20 Meter	
Total :- 153.07 Meter	
AGI :- 00.50 Meter	
BGL :- 152.57 Meter	
12. Date of Lowering :- 03.03.2022	



Recommended & Prepared by

M/S. NCC Ltd.

Verified by

J.E. Ceinsys

M/S. Ceinsys Tech Ltd.

Recommended by

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13th Division UP Jal Nigam (R) Lucknow

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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTON INDIA LTD., LUCKNOW

Ref:GIT:UP:21-22:LS: 247
Dated: 01-03-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Suhela
Block: Kumbhi
District: Lakhimpur Kheeri
State: Uttar Pradesh
Drilling depth: 196.0 m bgl
Logging depth: 183.0 m bgl
Date of logging: 01-03-2022

Tubewell Drilled By: NCC Limited, Lakhimpur Kheeri, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6" Geophysical Logs, following informations/granular zones have been deciphered:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	29 - 39	10	Good
2.	47 - 57	10	Good
3.	65 - 73	08	Good
4.	78 - 89	11	Good
5.	100 - 103	03	Good
6.	108 - 113	05	Good
7.	120 - 125	05	Good
8.	130 - 135	05	Good
9.	143 - 147	04	Good
10.	156 - 163	07	Good
11.	170 - 174	04	Good

Note: 1. Very fine bands of Kankar are intermixed with Zones Sl. No. 1, 3, 4 and 8 to 11.

Verified as per logs provided.

ASSISTANT GEOLOGIST
INDIAN OIL CORPORATION
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(S. Shukla)