

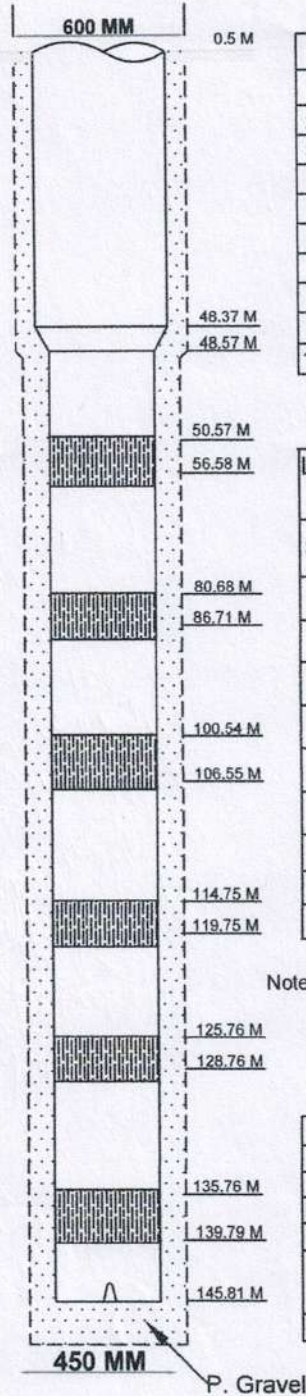
COMPLETION PLAN OF TUBEWELL

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

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

Strata

0-3 mtr Surface Clay
3-30 mtr Clay & Silty Clay.
30-40 mtr Fine Sand with Kanakar
40-49 mtr Clay With Kankar
49-57 mtr Fine Sand with Kankar
57-80 mtr Sandy soil
80-88 mtr Fine to Medium Sand
88-100 mtr Clay with Kankar
100-107 mtr Fine Sand mixed with Kankar
107-114 mtr Sandy soil
114-120 mtr Medium Sand
120-125 mtr Sandy Clay with Caving Clay
125-129 mtr Medium sand
129-135 mtr Clay with Kankar soil
135-140 mtr Medium Sand
140-146 mtr Clay with kankar
146-151 mtr Fine Sand
151-160 mtr Clay with Kankar
160-170 mtr Fine to Medium Sand
170-175 mtr Clay With Kankar soil



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	:- 06.01-2022
7	Drilling Completion Date	:- 09.01-2022
8	Total Depth Of Drilling	:- 180.0 M
9	Logging Date	:- 10.01-2022
10	Logging Depth	:- 175.0M

Logging Report by GROUND WATER INVESTIGATION CENTER Lucknow.

Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	30-40	10	Fine to Medium Sand (Good All)
2	49-57	8	
3	80-88	8	
4	100-107	7	
5	114-120	6	
6	125-129	4	
7	135-140	5	
8	146-151	5	
9	160-170	10	

Note:-1. Fine Bands of Kankar Intermixed With Sl.No. 1,2 & 9.
 2. Zone Sl. No 6 & 7 is Medium Sand in Nature.
 3. Zone Sl. No. 8 is Fine Sand in nature.

11. Details of Lowered Assembly

i) 300 mm Dia Housing Pipe	:- 48.87 Meter
ii) 150 mm Dia M. S. Slotted pipe	:- 30.08 Meter
iii) 150 mm Dia M. S. Plain pipe	:- 67.16 Meter
iv) 300 x 150 mm Dia M S Reducer	:- 0.20 Meter
Total	:- 146.31 Meter
AGI	:- 00.50 Meter
BGL	:- 145.81 Meter
12. Date of Lowering	:- 13.01.2022

Recommended & Prepared by

Verified by

Recommended by

Approved by

(Signature)

(Signature)

(Signature)

(Signature)

(Signature)

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA.LTD., LUCKNOW

Ref:GIT:UP:21-22:LS: 129
Dated: 11-01-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Kajuha**
Block: **Behjam**
District: **Lakhimpur Kheeri**
State: **Uttar Pradesh**
Drilling depth: **180.0 m bgl**
Logging depth: **175.0 m bgl**
Date of logging: **10-01-2022**
Rm – **13.5.0 Ωm** Rw – **21.5 Ωm**

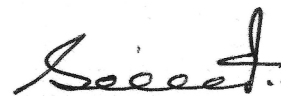
Tubewell Drilled By: **NCC Limited, Lakhimpur Kheeri, Uttar Pradesh.**

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 (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	30 – 40	10	Good
2.	49 – 57	08	Good
3.	80 – 88	08	Good
4.	100 – 107	07	Good
5.	114 – 120	06	Good
6.	125 – 129	04	Good
7.	135 – 140	05	Good
8.	146 – 151	05	Good
9.	160 – 170	10	Good

Note: 1. Fine Bands of Kankar are intermixed with Zone Sl. No. 1, 2 and 9.
2. Zone Sl. No. 6 and 7 is Medium Sand in nature.
3. Zone Sl. No. 8 is Fine Sand in nature.

For Geo Instruments & Technic's


(S. Shukla)

*Verified as per
logs provided.
S. Shukla
11/01/22*