



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Kheri/24

Date : 06.07.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Ashiq Nagar, Block – Mitauli
Distt. – Kheri

Drilling Depth : 165 mbgl as Reported by Driller

Logged Depth : 160 ~~mbgl~~

Date of Logging : 06.07.22

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : ~~Upton~~

Presence : Representative of M/S NCC Ltd.

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strata	R _{mf} & R _w
1	25 – 35	10	Good	R _{mf} = 26 Ωm R _w = 29 Ωm
2	50 – 75	25	Good, Intermixed with finer bands of kankar	
3	84 – 89	5	Good	
4	97 – 107	10	Good	
5	120 – 132	12	Good, Intermixed with finer bands of kankar	
6	136 – 140	4	Good	

Remark :

CC :

1. M/S NCC Limited, Kheri

Verified as per logs provided.

G. S. Singh
ASSISTANT HYDROGEOLOGIST
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

Dr. Singh

(*G. S. Singh*)
Lucknow
Geophysicist

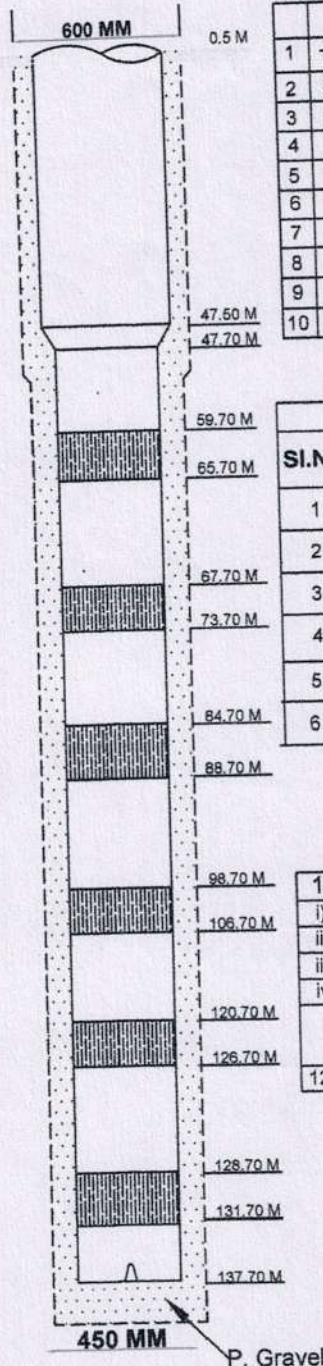
COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. ASHIK NAGAR, Block. MITHAULI, 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 :- 01/EE Kheri (R)/22-22 Dt: 18/07/22

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

Strata

0-10 mtr Surface Clay
10-25 mtr Clay with Kankar
25-35 mtr Fine Sand
35-50 mtr Clay with Kankar
50-75 mtr Fine Sand with Kankar
75-84 mtr Clay With Kankar
84-89 mtr Fine Sand
89-97 mtr Clay with Kankar
97-107 mtr Fine to Medium Sand
107-120 mtr Clay with Kankar
120-132 mtr Fine Sand with Kankar
132-136 mtr Clay with Kankar
136-140 mtr Fine to Medium Sand
140-160 mtr Clay with Kankar



ABSTRACT

1	Type of Rig Machine	:- DC Cum RC
2	Static Water level	:- 10M
3	Required Discharge	:- 850 LPM
4	Bore Size (MM)	:- 600x450
5	Assembly Size (MM)	:- 300 x 150
6	Drilling Starting Date	:- 01.07.2022
7	Drilling Completion Date	:- 05.07.2022
8	Total Depth Of Drilling	:- 165M
9	Logging Date	:- 06.07.2022
10	Logging Depth	:- 160M

Logging Report By GIC Lucknow

Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	25-35	10	Fine to Medium Sand (Good All)
2	50-75	25	
3	84-89	5	
4	97-107	10	
5	120-132	12	
6	136-140	4	

11. Details of Lowered Assembly

i) 300 mm Dia Housing Pipe	:- 48.00 Meter
ii) 150 mm Dia M. S. Slotted pipe	:- 33.00 Meter
iii) 150 mm Dia M. S. Plain pipe	:- 57.00 Meter
iv) 300 x 150 mm Dia M S Reducer	:- 0.20 Meter
Total	:- 138.20 Meter
AGI	:- 00.50 Meter
BGL	:- 137.70 Meter

12. Date of Lowering :- 07.07.2022

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

A.E.
 13th Division UP Jal Nigam (R) Lucknow

Approved by

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