



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JIM/ Kheri/23

Date : 28.06.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Baikuan, Block – Pasgawan
Distt. – Kheri

Drilling Depth : 165 mbgl as Reported by Driller

Logged Depth : ~~155 mbgl~~

Date of Logging : 28.06.22

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	27 – 35	8	Good	R _{mf} = 63 Ωm R _w = 66 Ωm
2	40 – 46	6	Good	
3	55 – 70	15	Good	
4	84 – 87	3	Good	
5	95 – 104	9	Good	
6	115 – 141	26	Good, Intermixed with fine bands of kankar	
7	148 – 152	4	Good	

Remark :

CC :

1. M/S NCC Limited, Kheri

Verified as per logs provided.

S. K. Singh
ASSISTANT HYDROGEOLOGIST
28/06/22
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

Arish

(S. K. Singh)
Geophysicist

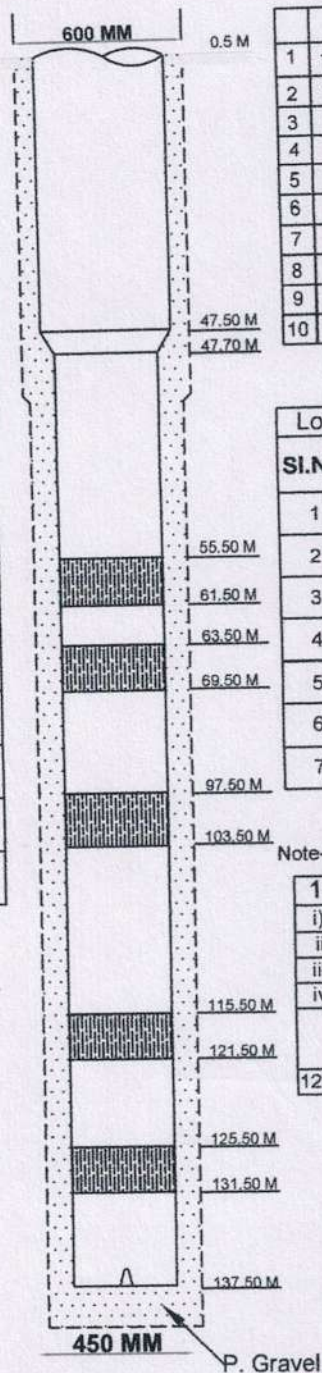
COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P Baikuan, Block-Pasgawan, District, LakhimpurKheri.
 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
 Cover Agreement :- 313/ED/2022-23/V Dt: 02/08/2022

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

Strata

0-27 mtr Suraface Clay
27-35 mtr Fine Sand
35-40 mtr Clay Kankar
40-46 mtr Fine Sand
46-55 mtr Clay Kankar
55-70 mtr Fine to Medium Sand
70-84 mtr Clay Kankar
84-87 mtr Fine Sand
87-95 mtr Clay
95-104 mtr Fine to Medium Sand
104-115 mtr Clay with Kankar
115-141 mtr Fine to Medium Sand
141-148 mtr Clay Kankar
148-152 mtr Fine to Medium Sand
152-155 mtr Clay Kankar



ABSTRACT	
1	Type of Rig Machine :- DC Cum RC
2	Static Water level :- 10 Mtr
3	Required Discharge 750 LPM
4	Bore Size (MM) :- 600x450
5	Assembly Size (MM) :- 300 x 150
6	Drilling Starting Date :- 24.06.2022
7	Drilling Completion Date :- 02.07.2022
8	Total Depth Of Drilling :- 165 mtr
9	Logging Date :- 28.06.2022
10	Logging Depth :- 155M

Logging Report By Ground Water Investigation Center			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	27-35	8	Fine to Medium Sand (Good All)
2	40-46	6	
3	55-70	15	
4	84-87	3	
5	95-104	9	
6	115-141	26	
7	148-152	4	

Note:- Sr.No.6 Zone are intermixed with fine bands of kankar

11. Details of Lowered Assembly	
i)	300 mm Dia Housing Pipe :- 48.00 Meter
ii)	150 mm Dia M. S. Slotted pipe :- 30.00Meter
iii)	150 mm Dia M. S. Plain pipe :- 59.80 Meter
iv)	300 x 150 mm Dia M S Reducer :- 0.20 Meter
	Total :- 138.50 Meter
	AGI :- 00.50 Meter
	BGL :- 138.00 Meter
12.	Date of Lowering :- 03.07.2022

Recommended & Prepared by



M/s NCC Ltd

Verified by

M/s Ceinsys Tech Ltd

Recommended by

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

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

13th Division UP Jal Nigam (R) Lucknow

Approved by

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