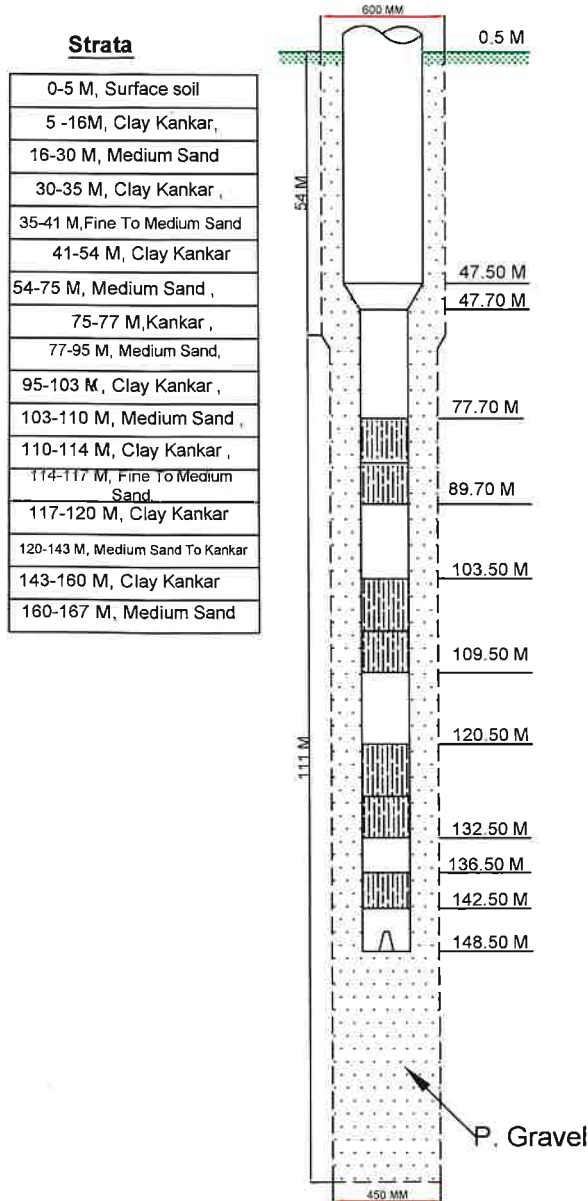


COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P Visenpuri Colony, Block-Palia, 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 :- 313/ED/2022-23/V Dt. 02.08.2022

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



1	Type of Rig Machine	:- DC/RC
2	Static Water level	:-
3	Required Discharge	:- 900 LPM
4	Bore Size (MM)	:- 600x450
5	Assembly Size (MM)	:- 300 x 150
6	Drilling Starting Date	:- 04.09.2022
7	Drilling Completion Date	:- 06.09.2022
8	Total Depth Of Drilling	:- 170.0 M
9	Logging Date	:- 07.09.2022
10	Logging Depth	:- 167.0 M

Logging Report			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	0-5	5	(Good All)
2	5-16	11	
3	16-30	14	
4	30-35	5	
5	35-41	6	
6	41-54	13	
7	54-75	21	
8	75-77	2	
9	77-95	18	
10	95-103	8	
11	103-110	7	
12	110-114	4	
13	114-117	3	
14	117-120	3	
15	120-143	23	
16	143-160	17	
17	160-167	7	

11. Details of Lowered Assembly	
i) 300 mm Dia Housing Pipe	:- 48.00 Meter
ii) 150 mm Dia M. S. Slotted pipe	:- 36 Meter
iii) 150 mm Dia M. S. Plain pipe	:- 64.8 Meter
iv) 300 x 150 mm Dia M S Reducer	:- 0.20 Meter
Total	:- 149.00 Meter
AGI	:- 00.50 Meter
BGL	:- 148.50 Meter
12. Date of Lowering	:- 10.09.2022

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

Approved by

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

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

REPORT ON GEOPHYSICAL WELL LOGGING AT

**GRAM RANCHAYAT- VISENPURI COLONY, BLOCK- PALIA KALAN
DISTT-LAKHIMPUR KHIRI
UNDER
JAL JIVAN MISSION**

Introduction :

A Deep bore hole was drilled 170 mtrs. depth. and Logged depth 167 mtrs. at above site. Was drilled by M/s NCC, Lakhimpur Khiri.

On the request of M/s NCC, Lakhimpur Khiri. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 07.Sep.2022.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 18.08 Ohms.

Drilling Water Resistivity = 14.76 Ohms.

Approx Water Level = 5 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 16	11	Clay kankar	
3.	16 - 30	14	Medium sand	Good
4.	30 - 35	5	Clay kankar	
5.	35 - 41	6	Fine to Medium sand	Good
6.	41 - 54	13	Clay kankar	
7.	54 - 75*	21	Medium sand	Good
8.	75 - 77	2	Kankar	
9.	77 - 95*	18	Medium sand	Good
10.	95 - 103	8	Clay kankar	
11.	103 - 110*	7	Medium sand	Good
12.	110 - 114	4	Clay kankar	
13.	114 - 117*	3	Fine to Medium sand	Good
14.	117 - 120	3	Clay kankar	
15.	120 - 143*	23	Medium sand & Kankar	Good
16.	143 - 160	17	Clay kankar	
17.	160 - 167*	7	Medium sand	Good



Logging performed as per SWSM guidelines - Ground water quality tested in 100mm as per their calibration.

ASSISTANT HO, GEOL. CIRCLE OF DIST. LAKHIMPUR KHIRI, U.P. DIST. NAGAR (RURAL) AYAZABAD