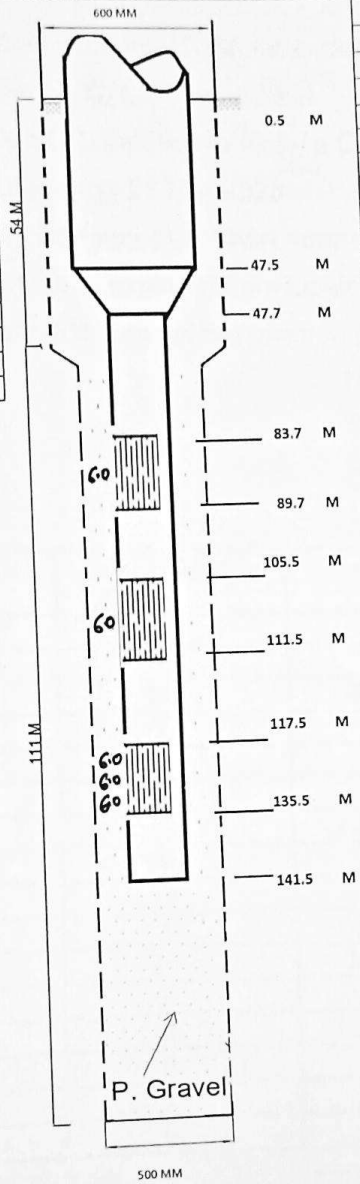


Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. Chhauchh, Block- Lakhimpur, 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 :- 464/ED/Phase-2/2022-23/XI, Dt. 27.02.2023

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

Strata		
0	-	5 M Surface Soil
5	-	18 M, Clay Kankar
18	-	41 M, Medium Sand
41	-	55 M, Clay Kankar
55	-	75 M, Medium Sand
75	-	80 M, Clay Kankar
80	-	91 M, Medium Sand
91	-	105 M, Clay Kankar
105	-	112 M, Medium Sand
112	-	117 M, Clay Kankar
117	-	140 M, Medium Sand
140	-	160 M, Clay



ABSTRACT			
1	Type of Rig Machine	:-	DC/RC
2	Static Water level	:-	
3	Required Discharge	:-	1340 LPM
4	Bore Size (MM)	:-	600 X 500
5	Assembly Size (MM)	:-	300 X 200
6	Drilling Starting Date	:-	07-01-2023
7	Drilling Completion Date	:-	11-01-2023
8	Total Depth Of Drilling	:-	170 M
9	Logging Date	:-	12-01-2023
10	Logging Depth	:-	160 M

Logging Report			
Sl No	Depth (mbgl)	Thickness (m)	Remarks
1	55 - 75	20	(Good All)
2	80 - 91	11	
3	105 - 112	7	
4	117 - 140	23	

11 Details of Lowered Assembly			
i)	300	MM Dia Housing Pipe	:- 48.0 M
ii)	200	MM Dia M. S. Slotted pipe	:- 30.0 M
iii)	200	MM Dia M. S. Plain pipe	:- 63.8 M
iv)	300 X 200	MM Dia M S Reducer	0.2 M
Total :-			142.00 Meter
AGL :-			0.50 Meter
BGL :-			141.50 Meter
12	Date of Lowering	:-	13-01-2023

Recommended & Prepared by
M/S. NCC Ltd.

Verified by
M/S. Ceinsys Tech Ltd.

ASHISH KUMAR
 13th Division U.P. Jal Nigam (R) Lucknow
 DIVISIONAL OFFICER (E&M)
 U.P. JAL NIGAM (R)
 LUCKNOW

Recommended by

Vinay Kumar
 13th Division U.P. Jal Nigam (R) Lucknow
 Assistant Engineer
 Divisional officer (E&M)
 U.P. Jal Nigam (R)
 Lucknow

Approved by

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

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- CHHAUCHH, BLOCK- LAKHIMPUR, DISTT-LAKHIMPUR KHIRI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 170 mtrs. depth. and Logged depth ~~160~~ 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 12.Jan.2023.

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 = ~~17.83~~ Ohms.

Drilling Water Resistivity = ~~18.72~~ Ohms.

Approx Water Level = 9 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 18	13	Clay kankar	
3.	18 - 41	23	Medium sand	Medium
4.	41 - 55	14	Clay kankar	
5.	55 - 75*	20	Medium sand	Medium
6.	75 - 80	5	Clay kankar	
7.	80 - 91*	11	Medium sand	Medium
8.	91 - 105	14	Clay kankar	
9.	105 - 112*	7	Medium sand	Medium
10.	112 - 117	5	Clay kankar	
11.	117 - 140*	23	Medium sand	Medium
12.	140 - 160	20	Clay	

SrNo 5-55-72 (17m)

- Logging performed as per SWTA guidelines.
Groundwater quality interpreted by firm as per their logger calibration



G.S.R.
13/01/23