

Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. Chanddaiyapur, Block- Ramia Behar, District, Lakhimpur Kheri.

Name Of Program :- J. J. M-2

Name of client :- S.W.S.M. & U.P. JAL NIGAM (R)

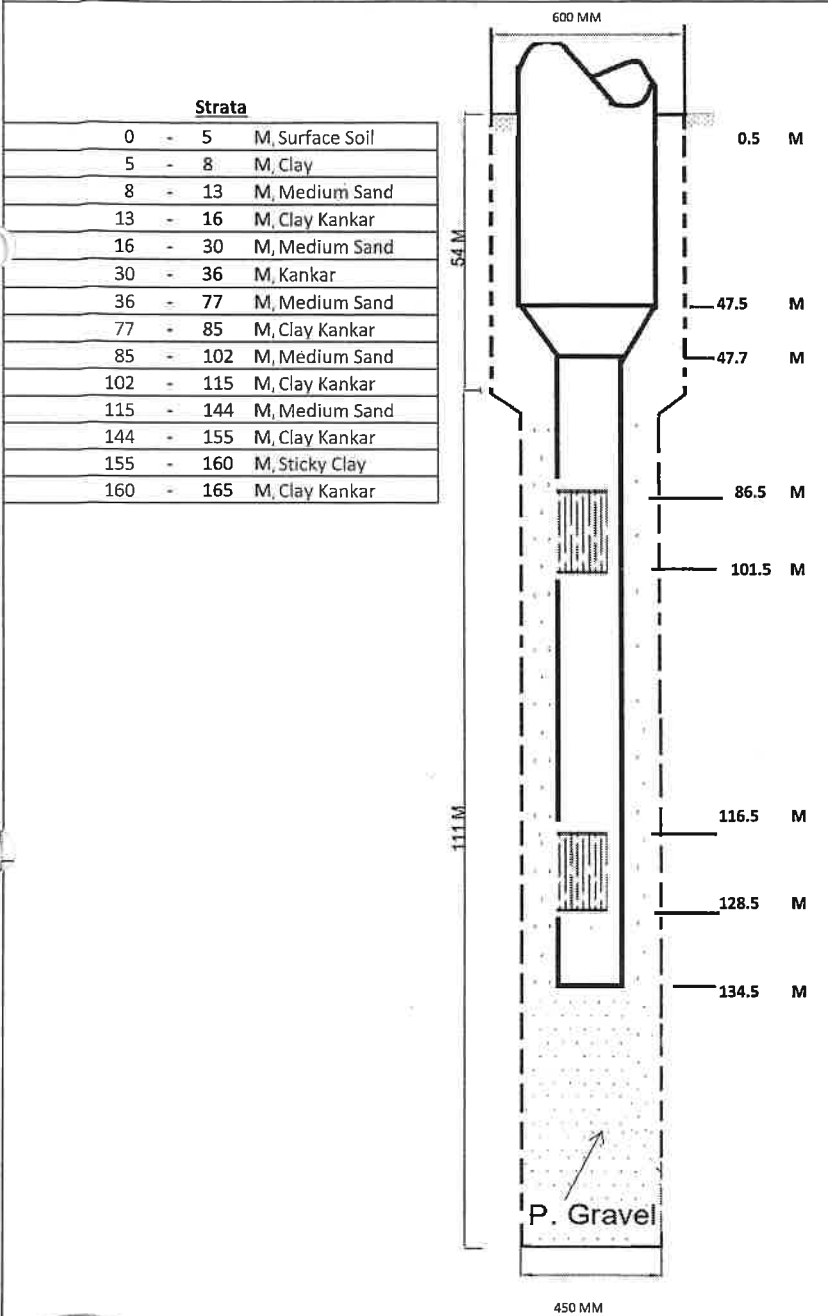
Name Of Contractor :- M/S NCC Limited

Name Of TPI :- Ceinsys Tech Limited

Contract Agreement :- 64/ED/2020-21 Dt. 12.03.2021

Cover Agreement :- 465/ED/Phase-2/2022-23/XII, Dt. 27.02.2023

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



ABSTRACT		
1	Type of Rig Machine	:- DC/RC
2	Static Water level	:-
3	Required Discharge	:- 800 LPM
4	Bore Size (MM)	:- 600 X 450
5	Assembly Size (MM)	:- 300 X 150
6	Drilling Starting Date	:- 29-03-2023
7	Drilling Completion Date	:- 02-04-2023
8	Total Depth Of Drilling	:- 165 M
9	Logging Date	:- 03-04-2023
10	Logging Depth	:- 155 M

Logging Report			
Sl No	Depth (mbgl)	Thickness (m)	Remarks
1	36 - 76	40	(Good All)
2	85 - 102	17	
3	115 - 144	29	

11 Details of Lowered Assembly			
i)	300	MM Dia Housing Pipe	:- 48.0 M
ii)	150	MM Dia M. S. Slotted pipe	:- 27.0 M
iii)	150	MM Dia M. S. Plain pipe	:- 59.8 M
iv)	300 X 150	MM Dia M S Reducer	0.2 M
		Total	:- 135.00 Meter
		AGL	:- 0.50 Meter
		BGL	:- 134.50 Meter
12	Date of Lowering	:-	04-04-2023



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REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth ~~155~~ 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 03.April.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 = ~~20.52~~ Ohms.

Drilling Water Resistivity = ~~21.14~~ Ohms.

Approx Water Level = 2 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 8	3	Clay	
3.	8 - 13	5	Medium sand	Good
4.	13 - 16	3	Clay kankar	
5.	16 - 30	14	Medium sand	Good
6.	30 - 36	6	Kankar	
7.	36 - 76*	40	Medium sand	Good
8.	77 - 85	8	Clay kankar	
9.	85 - 102*	17	Medium sand	Good
10.	102 - 115	13	Kankar sand	
11.	115 - 144*	29	Medium sand	Good
12.	144 - 155	11	Clay kankar	

- All zones are intermixed with thin bands of kankar.

Gish
08/04/23



- Logging performed as per SWSM guidelines. Groundwater quality entered by firm as per their logger calibration