

Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. Banveerpur, Block- Nighasan, 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

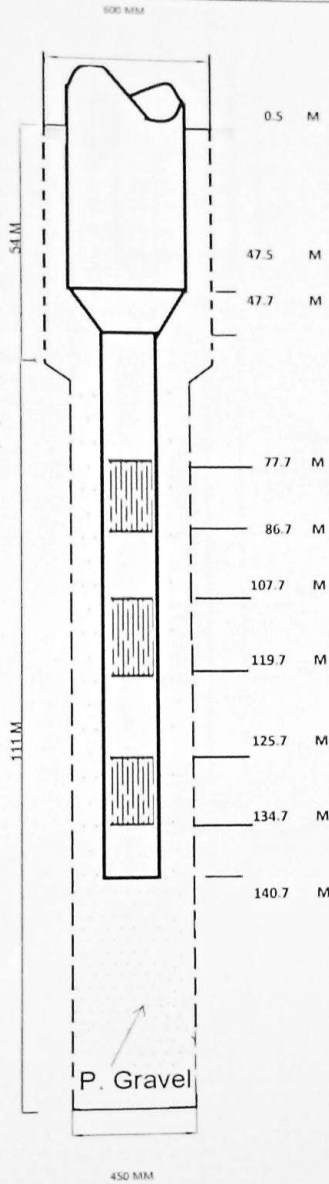
Name Of TPI :- Ceinsys Tech Limited

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

Cover Agreement :- 803/ED/Phase-2/2023-24/XVIII, Dt. 08.05.2023

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

Strata		
0	-	5 M, Surface Soil
5	-	25 M, Medium Sand
25	-	34 M, Clay Kankar
34	-	43 M, Medium Sand
43	-	54 M, Clay Kankar
54	-	72 M, Medium Sand
72	-	76 M, Clay Kankar
76	-	88 M, Medium Sand
88	-	96 M, Clay Kankar
96	-	137 M, Medium Sand & Kankar
137	-	144 M, Clay Kankar
144	-	161 M, Medium Sand & Kankar
161	-	165 M, Clay Kankar



ABSTRACT		
1	Type of Rig Machine	:- DC/RC
2	Static Water level	:-
3	Required Discharge	:- 1320 LPM
4	Bore Size (MM)	:- 600 X 450
5	Assembly Size (MM)	:- 300 X 200
6	Drilling Starting Date	:- 21-05-2023
7	Drilling Completion Date	:- 25-05-2023
8	Total Depth Of Drilling	:- 165 M
9	Logging Date	:- 26-05-2023
10	Logging Depth	:- 165 M

Logging Report			
Sl No	Depth (mbgl)	Thickness (m)	Remarks
1	54 - 72	18	(Good All)
2	76 - 88	12	
3	96 - 137	41	
4	144 - 161	17	

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	:- 63.0 M
iv)	300 X 200	MM Dia M S Reducer	0.2 M
Total :-			141.20 Meter
AGL :-			0.50 Meter
BGL :-			140.70 Meter
12	Date of Lowering		:- 27-05-2023

Recommended & Prepared by
M/S. NCC Ltd.

Verified by
M/S. Ceinsys Tech Ltd.

Recommended by
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REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth ~~165~~ 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 26.May.2023.

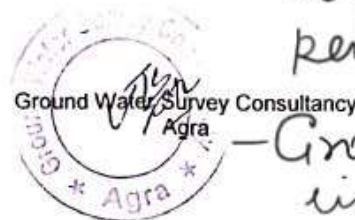
Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = ~~23.48~~ Ohms.

Drilling Water Resistivity = ~~24.67~~ 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 - 25	20	Medium sand	Good
3.	25 - 30	5	Clay kankar	
4.	30 - 43	13	Medium sand	Good
5.	43 - 54	11	Clay kankar	
6.	54 - 72*	18	Medium sand	Good
7.	72 - 76	4	Clay kankar	
8.	76 - 88*	12	Medium sand	Good
9.	88 - 96	8	Clay kankar	
10.	96 - 137*	41	Medium sand & kankar	Good
11.	137 - 144	7	Clay kankar	
12.	144 - 161*	17	Medium sand & kankar	Good
13.	161 - 165	4	Clay kankar	



- Logging performed as per SWSM guidelines.

- Groundwater quality interpreted by ferns as per their logger calibration

G Sh
26/05/23