

COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Bharigawan, Block- Bankeyganj, District, Lakhimpur Kheri.

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

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

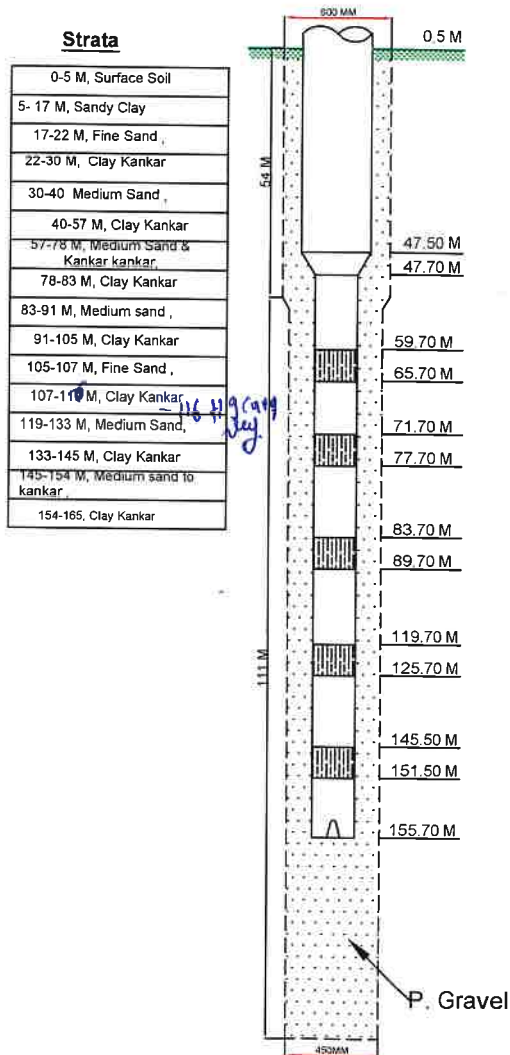
Name of Contractor :- M/S NCC Limited

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. 02August, 2022

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



ABSTRACT	
1	Type of Rig Machine :- DC/RC
2	Static Water level :-
3	Required Discharge :- 1050 LPM
4	Bore Size (MM) :- 600x450
5	Assembly Size (MM) :- 300 x 150
6	Drilling Starting Date :- 20.08.2022
7	Drilling Completion Date :- 24.08.2022 25/08/22
8	Total Depth Of Drilling :- 165.0 M
9	Logging Date :- 25.08.2022
10	Logging Depth :- 162.00 M

Logging Report			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	0--5	5	(Good All)
2	5--17	12	
3	17-22	5	
4	22-30	8	
5	30-40	10	
6	40-57	17	
7	57-78	21	
8	78-83	5	
9	83-91	8	
10	91-105	14	
11	105-107	2	
12	107-119	12	
13	119-133	14	
14	133-145	12	
15	145-154	9	
16	154-165	11	

11. Details of Lowered Assembly	
i) 300 mm Dia Housing Pipe :-	48.00 Meter
ii) 150 mm Dia M. S. Slotted pipe :-	30.00 Meter
iii) 150 mm Dia M. S. Plain pipe :-	78.00 Meter
iv) 300 x 150 mm Dia M S Reducer :-	0.20 Meter
Total :-	156.20 Meter
AGI :-	00.50 Meter
BGL :-	155.70 Meter
12. Date of Lowering :- 29.08.2022	

Recommended & Prepared by

Verified by

Recommended by

Approved by

Bans
M/S. NCC Ltd.

M/S. Ceinsys Tech Ltd

JE
13th Division UP Jal Nigam (R) Lucknow

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

E.E
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REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction:

A Deep bore hole was drilled 167 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 25 August. 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 = 26.08 Ohms.

Drilling Water Resistivity = 33.01 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 - 17	12	Sandy clay	
3.	17 - 22	5	Fine sand	
4.	22 - 30	8	Clay kankar	
5.	30 - 40	10	Medium sand	Good
6.	40 - 57	17	Clay kankar	
7.	57 - 78*	21	Medium sand & Kankar	Good
8.	78 - 83	5	Clay kankar	
9.	83 - 91*	8	Medium sand	Good
10.	91 - 105	14	Clay kankar	
11.	105 - 107*	2	Fine to Medium sand	Good
12.	107 - 119	12	Clay kankar	
13.	119 - 133*	14	Fine to Medium sand	Good
14.	133 - 145	12	Sandy clay	
15.	145 - 154*	9	Fine to Medium sand	Good
16.	154 - 165	11	Clay kankar	

Sr No 7 may consider as 57-67 (10m) and 71-78 (7m)
- Sr No 13 may consider as 119-126 (7m)



Logging performed as per SWM guidelines and ground water quality interpreted by firm as per their loger calibration
MUSKANTHURU
CIRCLE OFFICE (EM)
USA NALNIGAM (RURAL)
BHAVNAGRAJ
25/08/22