

Completion Plan Of Tubewell

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

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

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

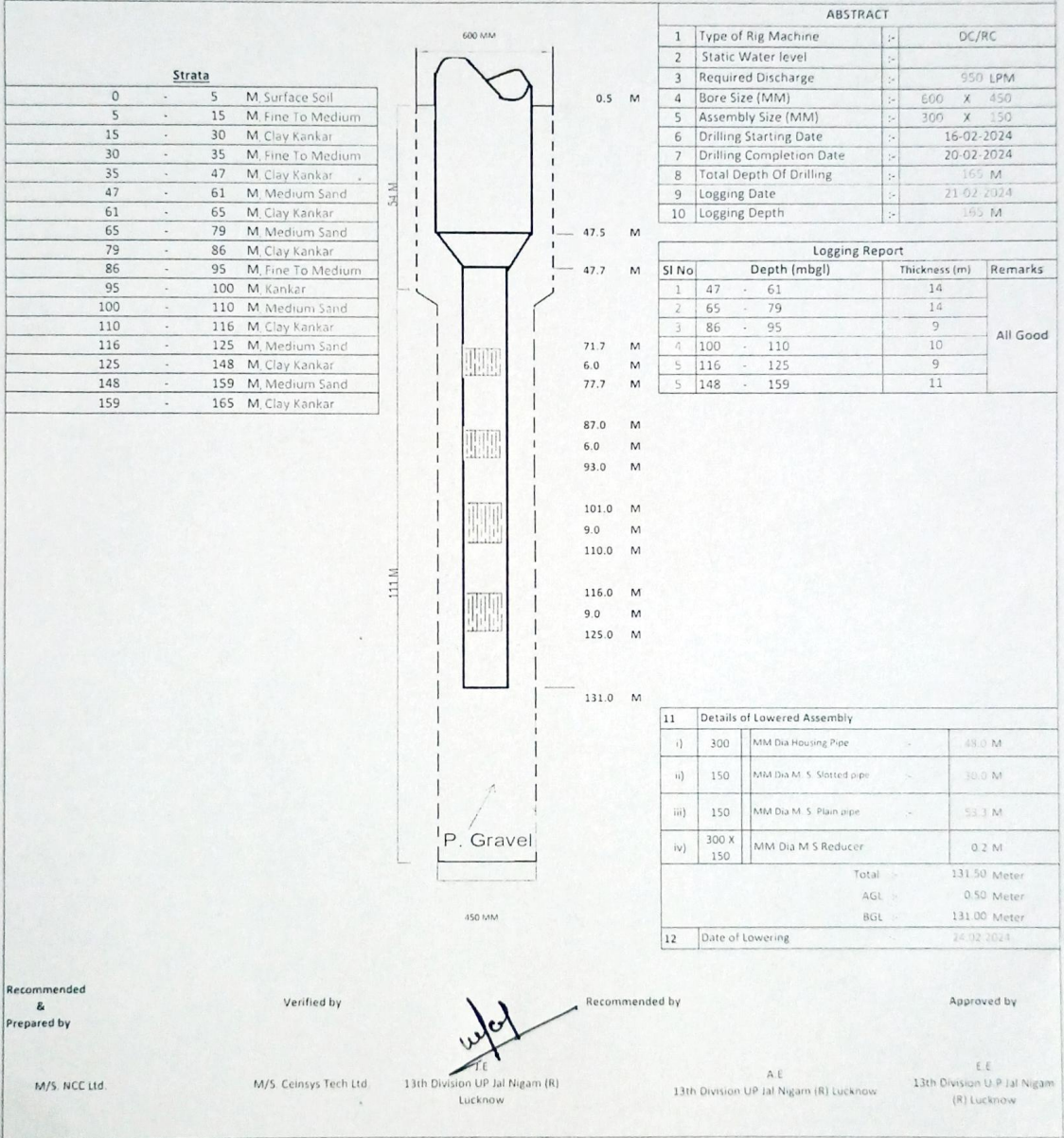
Name Of Contractor :- M/S NCC Limited

Name Of TPI :- Ceinsys Tech Limited

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

Cover Agreement :- 993/ED/Phase-2/2023-24/XX, Dt. 30.08.2023

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



Recommended & Prepared by

M/S. NCC Ltd.

Verified by

M/S. Ceinsys Tech Ltd.

13th Division UP Jal Nigam (R)
Lucknow

Recommended by

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

Approved by

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

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DULHI , BLOCK- RAMEYABEHAD 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 21 Feb .2024.

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 = 10.59 Ohms.

Drilling Water Resistivity = 10.70 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 - 15	10	Find to medium sand	
3.	15 - 30	15	Clay Kankar	
4.	30 - 35	5	Fine to medium sand	Good
5.	35 - 47	12	Clay kankar	
6.	47 - 61*	14	Medium sand	Good
7.	61 - 65	4	Clay kankar	
8.	65 - 79*	14	Medium sand	Good
9.	79 - 86	7	Clay Kankar	
10.	86 - 95*	9	Fine to medium sand	Good
11.	95 - 100	5	Kankar	
12.	100 - 110*	10	Medium sand	Good
13.	110 - 116	6	Clay Kankar	
14.	116 - 125*	9	Medium sand	Good
15.	125 - 148	23	Clay kankar	
16.	148 - 159*	11	Medium sand	Good
17.	159 - 165	6	Clay kankar	

Ground Water Survey Consultancy

