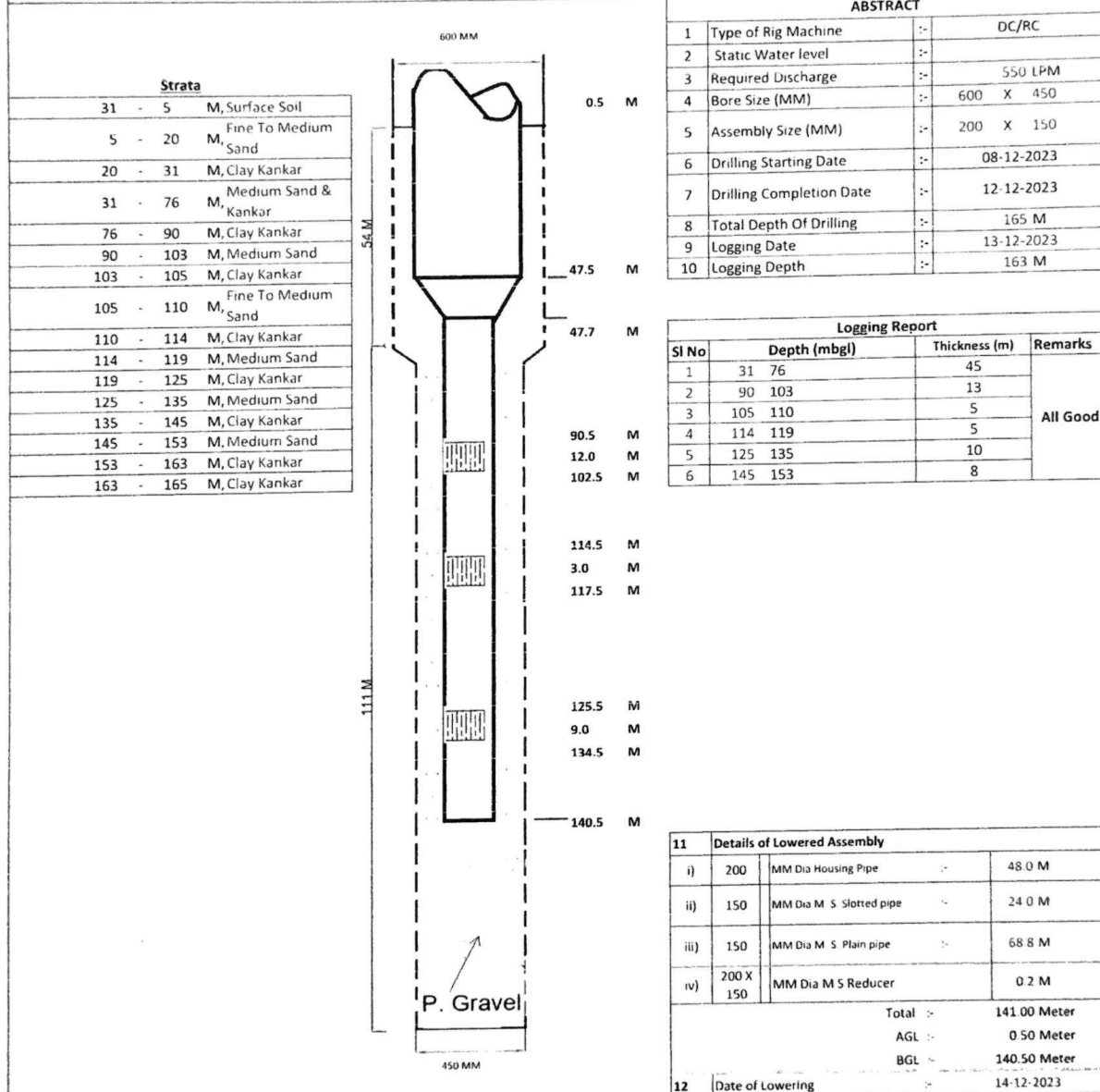


Completion Plan Of Tubewell

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

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



Recommended & Prepared by M/S. NCC Ltd.
Verified by J.E. M/S. Ceinsys Tech Ltd. 13th Division UP Jal Nigam (R) Lucknow
Recommended by A.W. 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- TAHARA, BLOCK- RAMIYABEHAR, DISTT- LAKHIMPUR KHIRI UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 163 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 13.Dec.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 = 21.53 Ohms.

Drilling Water Resistivity = 22.37 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 - 20	15	Fine to Medium sand & kan	
3.	20 - 31	11	Clay kankar	
4.	31 - 76*	45	Medium sand & kankar	Good
5.	76 - 90	14	Clay kankar	
6.	90 - 103*	13	Medium sand	Good
7.	103 - 105	2	Clay kankar	
8.	105 - 110*	5	Fine to medium sand	Good
9.	110 - 114	4	Clay kankar	
10.	114 - 119*	5	Medium sand	Good
11.	119 - 125	6	Clay kankar	
12.	125 - 135*	10	Medium sand	Good
13.	135 - 145	10	Clay kankar	
14.	145 - 153*	8	Medium sand	Good
15.	153 - 163	10	Clay kankar	

Ground Water Survey Consultancy

