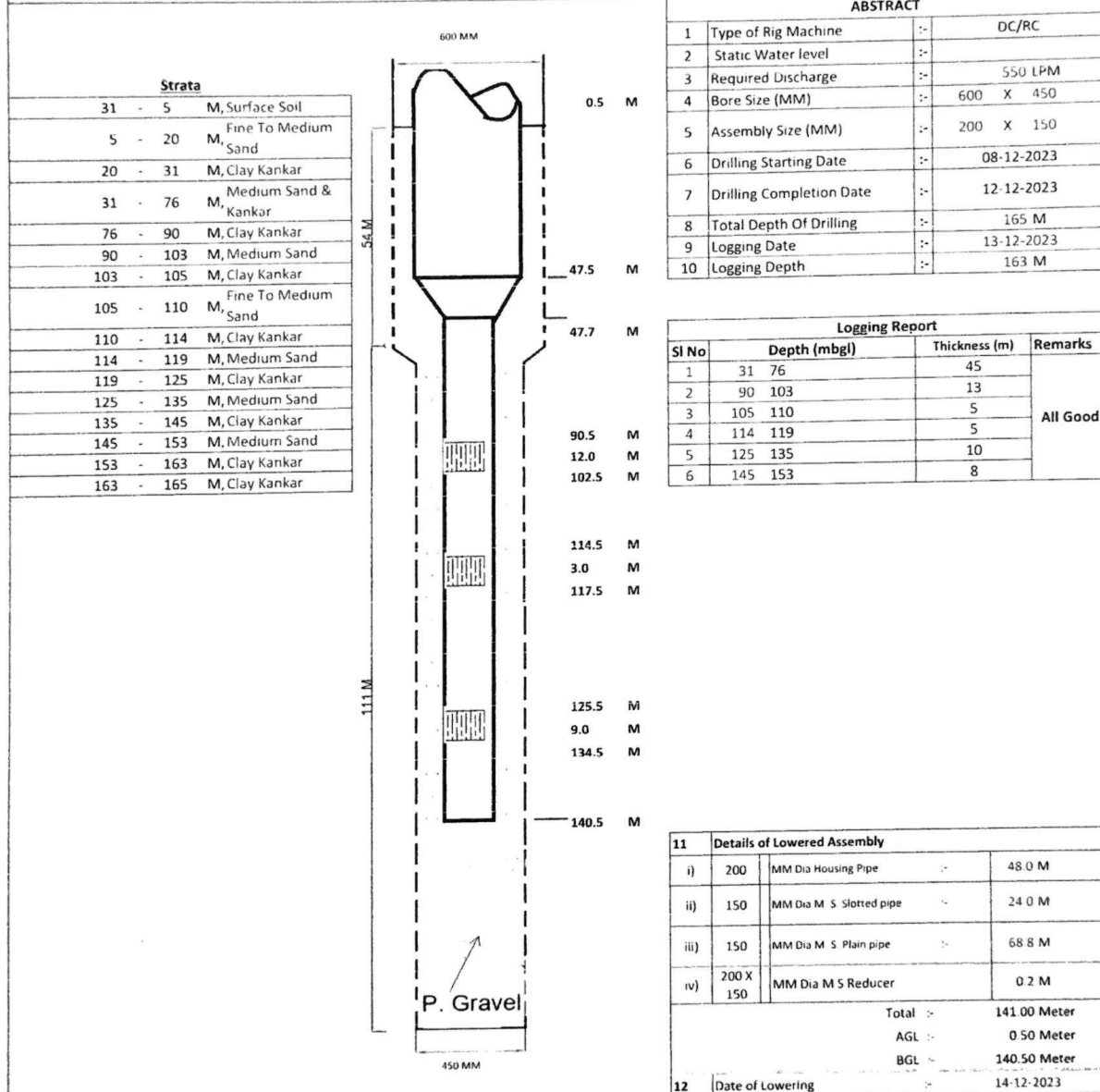


Completion Plan Of Tubewell

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



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- TAHARA, BLOCK- RAMIYABEHAR, DISTT- LAKHIMPUR KHIRI
UNDER
JAL JIVAN MISSION

Introduction :

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9.	110 - 114	4	Clay kankar	
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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
Agra

