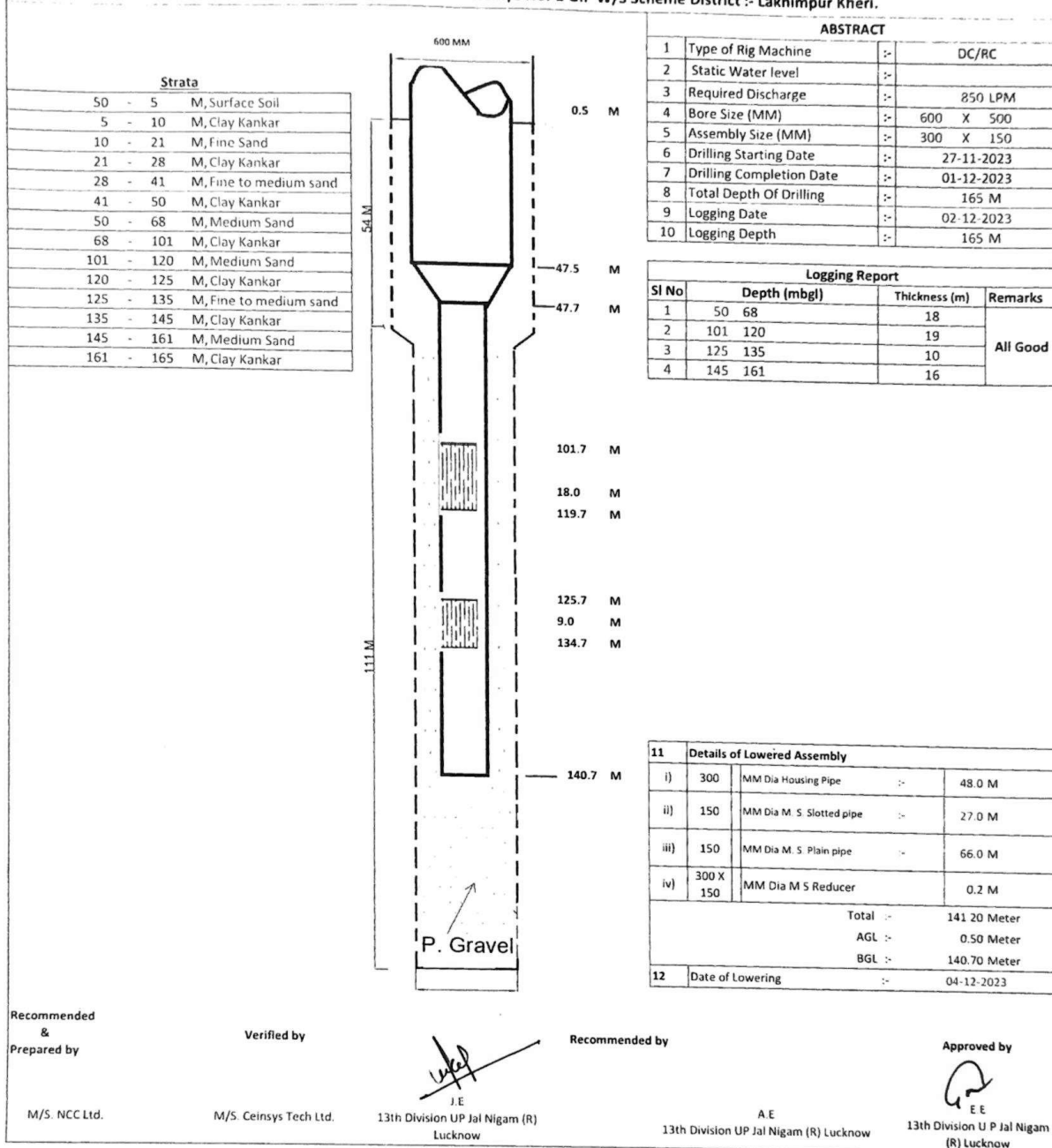


Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. Kharwahiya No.-1, Block Dhaurahara, 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 :- 313/ED/2022-23/V Dt. 02.08.2022

Lowered Assembly Chart of T. W of Kharwahiya No.-1 G.P W/S Scheme District :- Lakhimpur Kheri.



Recommended & Prepared by: M/S. NCC Ltd.
 Verified by: M/S. Ceinsys Tech Ltd.
 Recommended by: J.E. 13th Division UP Jal Nigam (R) Lucknow
 Approved by: A.E. 13th Division U P Jal Nigam (R) Lucknow

VIKASH KUMAR YADAV
 JUNIOR ENGINEER
 DIVISIONAL OFFICE (E&M)
 U.P. JAL NIGAM (R)
 LUCKNOW

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KHARWAHIA NO-1 Zone 2, BLOCK- DHAUREHRA, 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 02.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 = 18.53 Ohms.

Drilling Water Resistivity = 19.30 Ohms.

Approx Water Level = 3 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Clay kankar	
3.	10 - 21	11	Fine sand	
4.	21 - 28	7	Clay kankar	
5.	28 - 41	13	Fine to medium sand	Good
6.	41 - 50	9	Clay kankar	
7.	50 - 68*	18	Medium sand	Good
8.	68 - 101	33	Clay kankar	
9.	101 - 120*	19	Medium sand	Good
10.	120 - 125	5	Clay kankar	
11.	125 - 135*	10	Fine to medium sand	Good
12.	135 - 145	10	Clay kankar	
13.	145 - 161*	16	Medium sand	Good
14.	161 - 165	4	Clay kankar	

Ground Water Survey Consultancy

