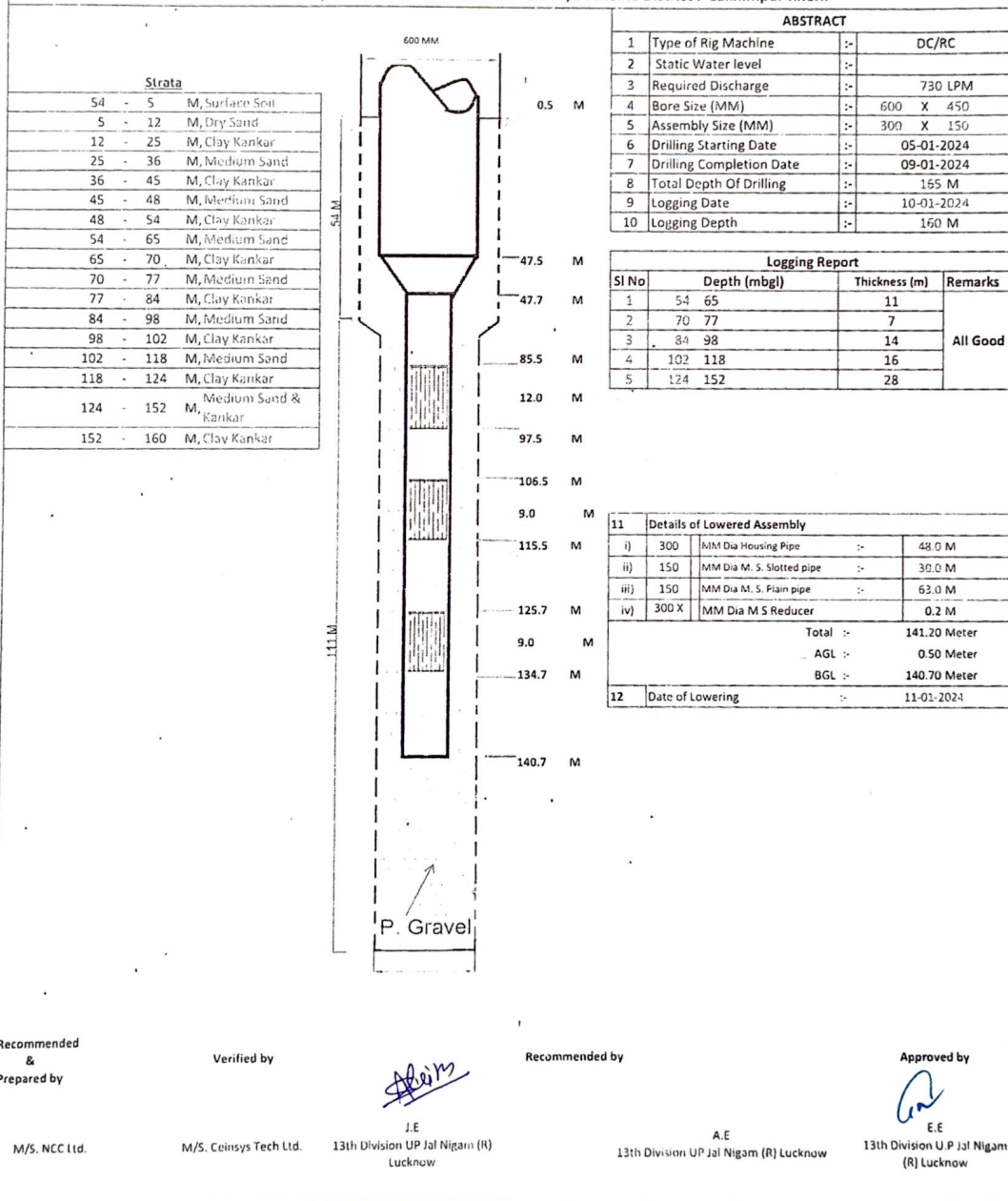


Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. MAGRENA , Block- Mohammadi, 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 :- Celnsys Tech Limited
 Contract Agreement :- 64/ED/2020-21 Dt. 12.03.2021
 Cover Agreement :- 585/ED/Phase-2/2022-23/XV, Dt. 20.03.2023

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



Recommended & Prepared by

Verified by

Recommended by

Approved by

M/S. NCC Ltd.

M/S. Celnsys Tech Ltd.

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

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

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

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

REPORT ON GEOPHYSICAL WELL LOGGING
AT
GRAM PANCHAYAT- MAGRENA, BLOCK- MOHAMMADI, DISTT-LAKHIMPUR KHIRI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 160 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 10.Jan.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 = 11.98 Ohms.

Drilling Water Resistivity = 17.55 Ohms.

Approx Water Level = 10 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 12	7	Dry sand	
3.	12 - 25	13	Clay kankar	
4.	25 - 36	11	Medium sand	Good
5.	36 - 45	9	Clay kankar	
6.	45 - 48	3	Medium sand	Good
7.	48 - 54	6	Clay kankar	
8.	54 - 65*	11	Medium sand	Good
9.	65 - 70	5	Clay kankar	
10.	70 - 77*	7	Medium sand	Good
11.	77 - 84	7	Clay kankar	
12.	84 - 98*	14	Medium sand	Good
13.	98 - 102	4	Clay kankar	
14.	102 - 118*	16	Medium sand	Good
15.	118 - 124	6	Clay kankar	
16.	124 - 152*	28	Medium sand & kankar	Good
17.	152 - 160	8	Clay kankar	

Ground Water Survey Consultancy
Agra

