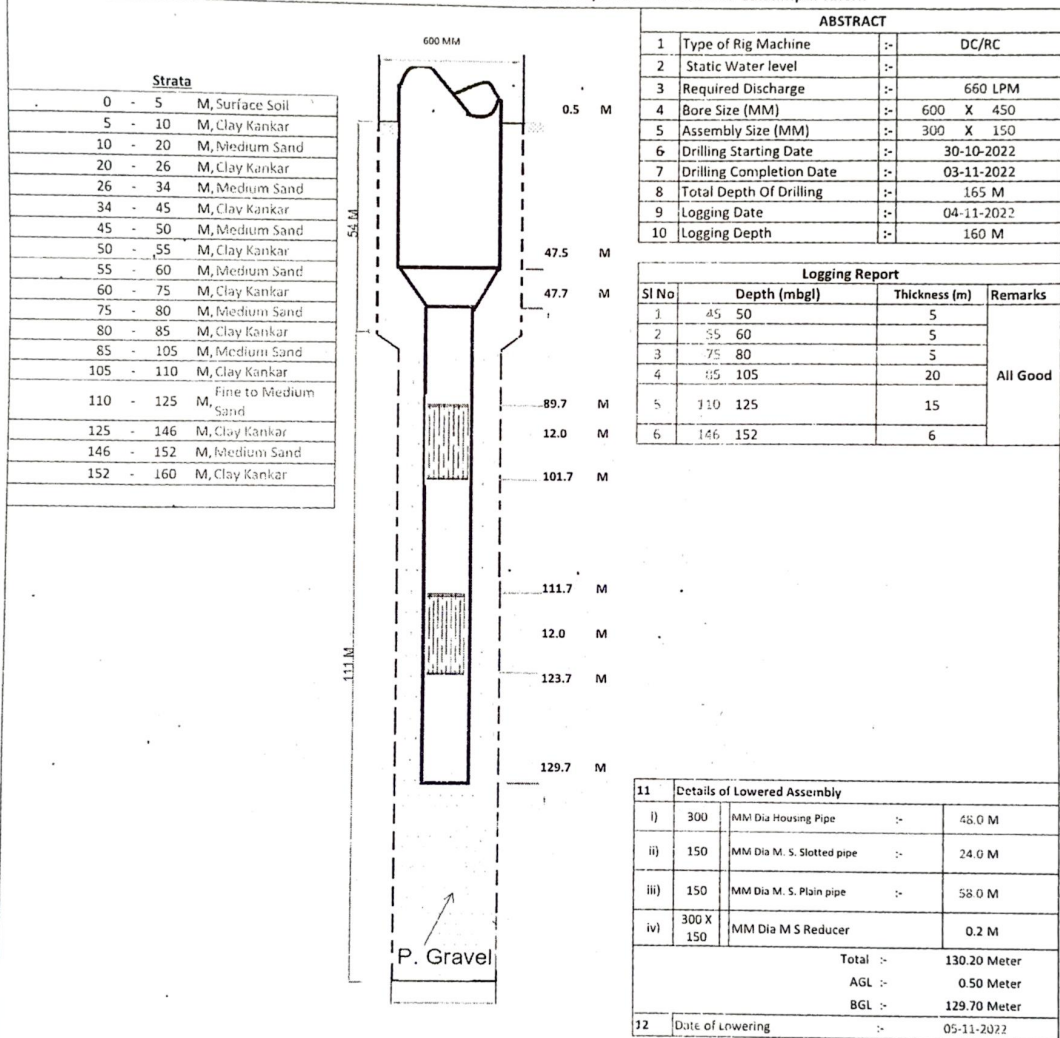


Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. Chholabari, Block- Pasgawan, 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 :- 425/ED/Phase-3/2022-23/XVI, Dated 17.02.2023

Lowered Assembly Chart of T. W of Chholabari 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

VIKAS KR. YADAV
 JUNIOR ENGINEER
 DIVISIONAL OFFICE (E&I)
 U.P. JAL NIGAM (R)
 LUCKNOW

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- CHHOLABARI, BLOCK- PASGAWAN, 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 04.Nov.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 = 19.63 Ohms.

Drilling Water Resistivity = 20.82 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 - 10	5	Clay kankar	
3.	10 - 20	10	Medium sand	Good
4.	20 - 26	6	Clay kankar	
5.	26 - 34	8	Medium sand	Good
6.	34 - 45	11	Clay kankar	
7.	45 - 50*	5	Medium sand	Good
8.	50 - 55	5	Clay kankar	
9.	55 - 60*	5	Medium sand	Good
10.	60 - 75	15	Clay kankar	
11.	75 - 80*	5	Medium sand	Good
12.	80 - 85	5	Clay kankar	
13.	85 - 105*	20	Medium sand	Good
14.	105 - 110	5	Clay kankar	
15.	110 - 125*	15	Fine to Medium sand	Good
16.	125 - 146	21	Clay kankar	
17.	146 - 152*	6	Medium sand	Good
18.	152 - 160	8	Clay kankar	

Ground Water Survey Consultancy

