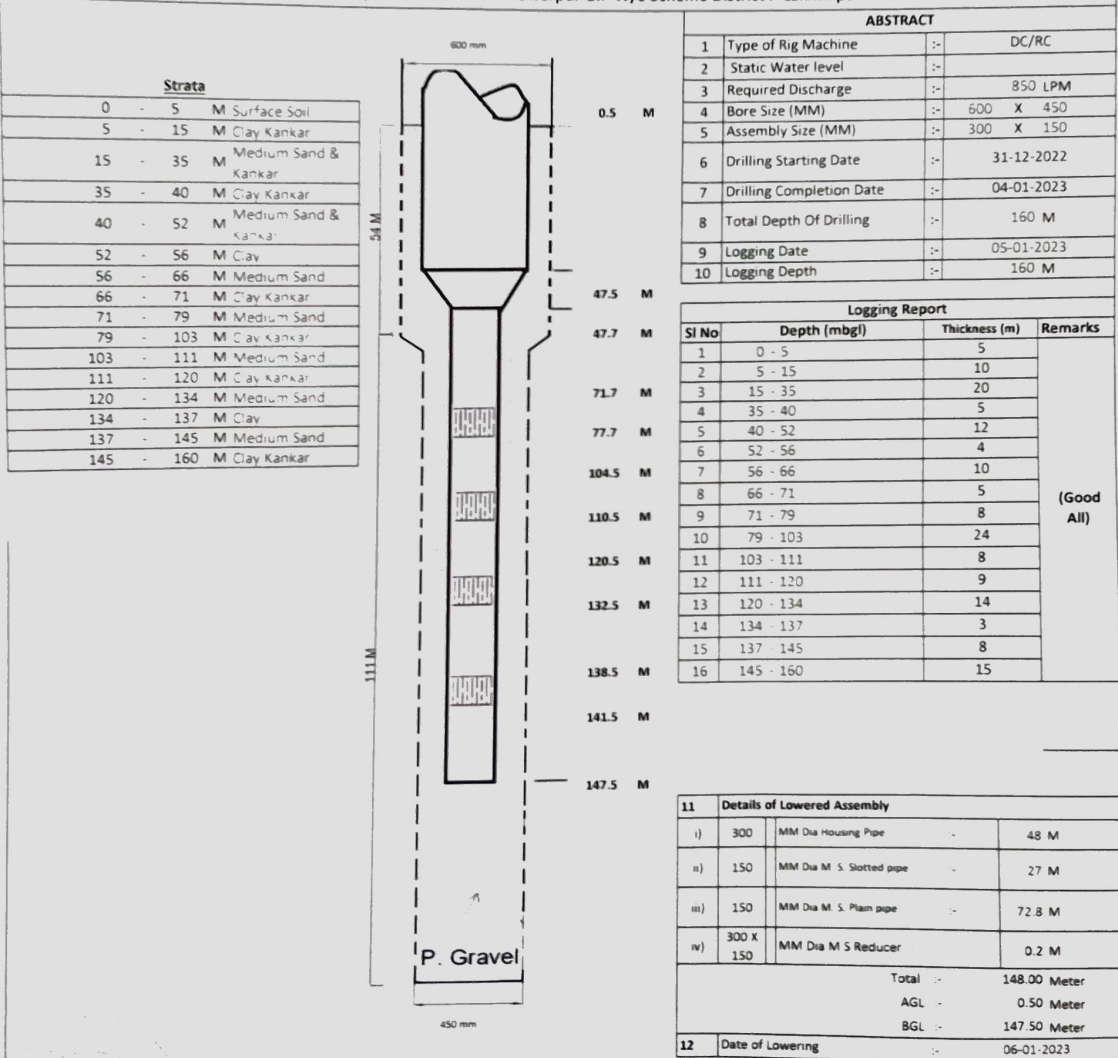


ZONE-I

Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. Dilawarpur, 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 :- 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 Dilawarpur G.P W/S Scheme District :- Lakhimpur Kheri.



Recommended & Prepared by

 M/S. NCC Ltd.

Verified by

 M/S. Ceinsys Tech Ltd.

Recommended by

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

Approved by

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

Vinod Kumar
 Assistant Engineer
 Divisional officer (E&M)
 U.P. Jal Nigam (R)
 Lucknow

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- DILAWARPUR, BLOCK- MOHAMMADI, DISTT-LAKHIMPUR KHIRI

UNDER

JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 160 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 05.Jan.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:

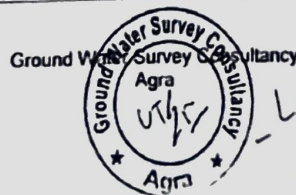
Mud Resistivity = ~~20.83~~ Ohms.

Drilling Water Resistivity = ~~22.72~~ Ohms.

Approx Water Level = 9 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 15	10	Clay kankar	
3.	15 - 35	20	Medium sand & kankar	Good
4.	35 - 40	5	Clay kankar	
5.	40 - 52*	12	Medium sand & kankar	Good
6.	52 - 56	4	Clay	
7.	56 - 66*	10	Medium sand	Good
8.	66 - 71	5	Clay kankar	
9.	71 - 79*	8	Medium sand	Good
10.	79 - 103	24	Clay kankar	
11.	103 - 111*	8	Medium sand	Good
12.	111 - 120	9	Clay kankar	
13.	120 - 134*	14	Medium sand	Good
14.	134 - 137	3	Clay	
15.	137 - 145*	8	Medium sand	Good
16.	145 - 160	15	Clay kankar	

Sr No 11-104-111
Sr No 15- kankar
intermixed



Logging performed as per SWS in guidelines - Groundwater quality interpreted by form as per their logger calibration

G. Ch
06/07/23
Scanned with CamScanner