

COMPLETION PLAN OF TUBEWELL

NAME OF WORK :- Construction of T.W- of G.P -Atrauli, Block - Behjam ,Distt. Lakhimpur

NAME OF PROGRAMME :- JJM-3,

NAME OF CLIENT :- SW.S.M. & U.P.JAL NIGAM

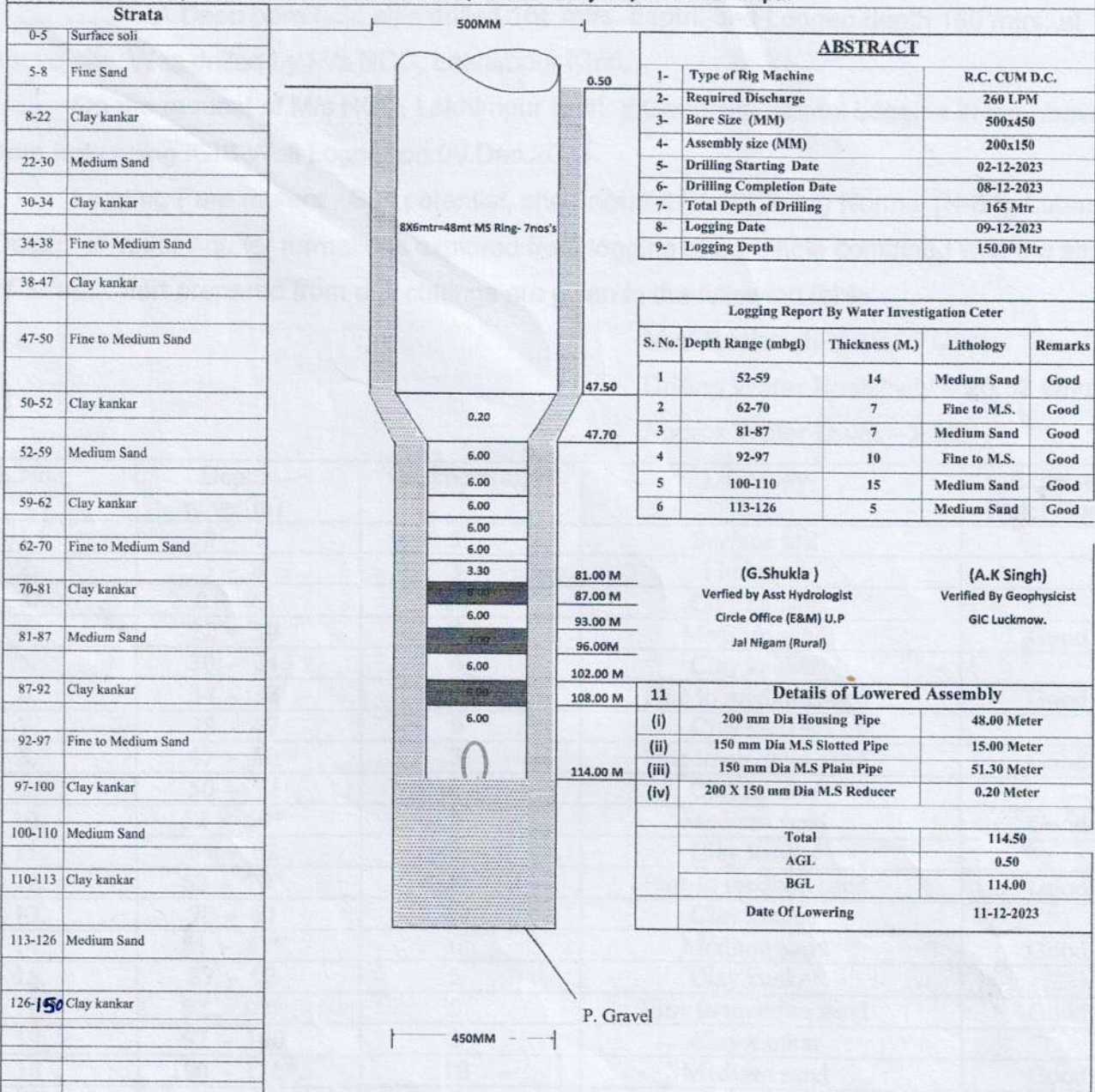
NAME OF CONTRACTOR :- M/S NCC Limited

NAME OF TPI :- Ceinsys Tech Limited

CONTRACT AGREEMENT :- 12/ED/Phase-3/2021-22 Dated on 07.01.2022

COVER AGREEMENT :- 655/ED/Phase-3/2022-23/XXII, Dated 23.03.2023

Lowered Assembly Chart of T.W. of G.P- Atrauli, Block - Behjam ,Distt. Lakhimpur



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REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- ATRAULI, BLOCK- BEHJAM, DISTT-LAKHIMPUR KHIRI UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 150 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 09.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 = 19.55 Ohms.

Drilling Water Resistivity = 20.33 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 - 8	3	Fine sand	
3.	8 - 22	14	Clay kankar	
4.	22 - 30	6	Medium sand	Good
5.	30 - 34	4	Clay kankar	
6.	34 - 38	4	Fine to medium sand	Good
7.	38 - 47	9	Clay kankar	
8.	47 - 50	3	Fine to medium sand	Good
9.	50 - 52	2	Clay kankar	
10.	52 - 59*	7	Medium sand	Good
11.	59 - 62	3	Clay kankar	
12.	62 - 70*	8	Fine to medium sand	Good
13.	70 - 81	11	Clay kankar	
14.	81 - 87*	6	Medium sand	Good
15.	87 - 92	5	Clay kankar	
16.	92 - 97*	5	Fine to medium sand	Good
17.	97 - 100	3	Clay kankar	
18.	100 - 110*	10	Medium sand	Good
19.	110 - 113	3	Clay kankar	
20.	113 - 126*	13	Medium sand	Good
21.	126 - 150	24	Clay kanakar	

Ground Water Survey Consultancy

