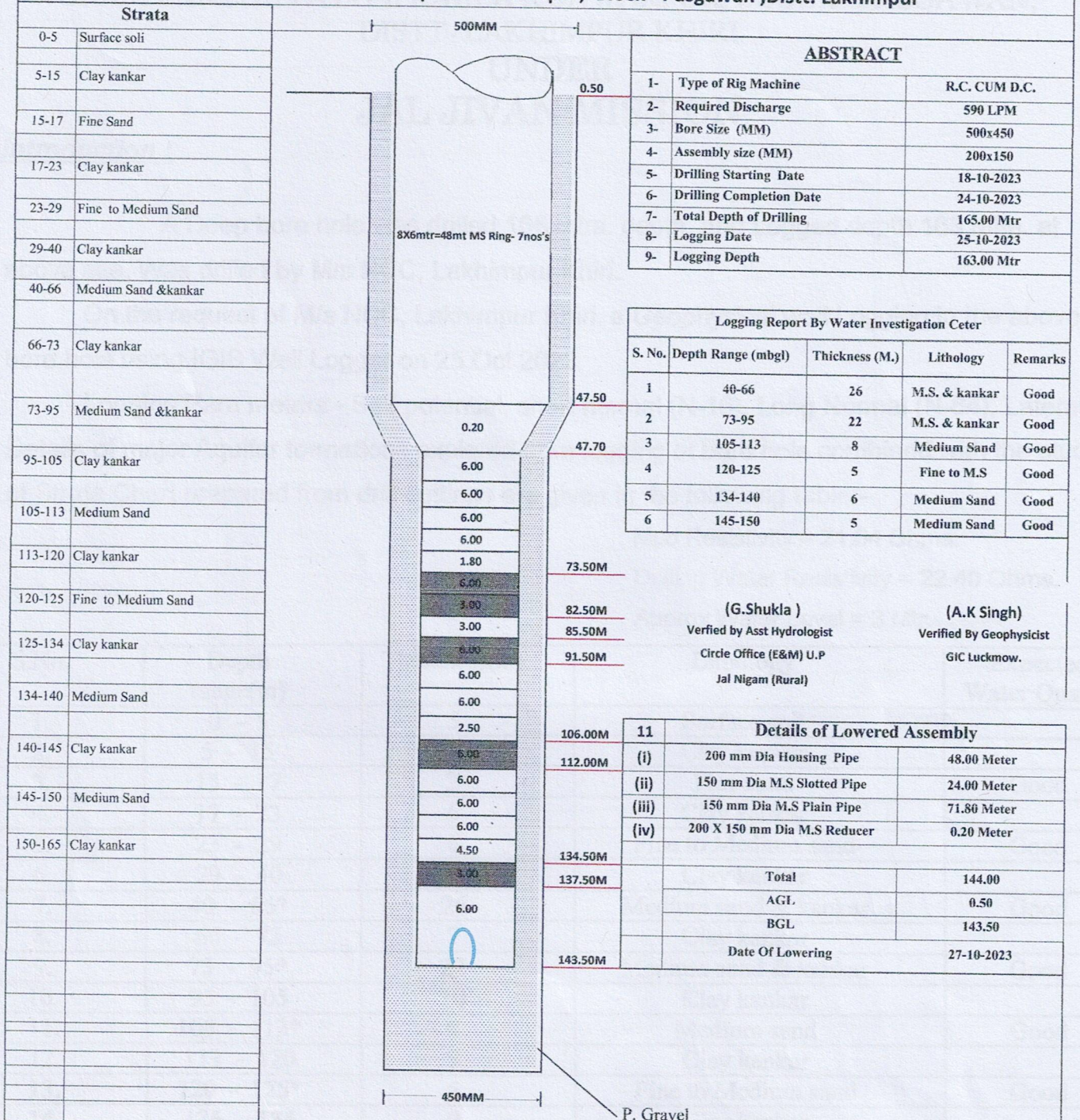


COMPLETION PLAN OF TUBEWELL

NAME OF WORK :- Construction of T.W- of G.P - Pipraula Kuwanpur, Block - Pasgawan ,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 24.12.2022
COVER AGREEMENT :- 260/ED/Phase3/2022-23/X, Dated 24.12.2022

Lowered Assembly Chart of T.W. of G.P- Pipraula Kuwanpur, Block - Pasgawan ,Distt. Lakhimpur



Recommended & Prepared by

Verified & Checked By

Recommended By

Approved By



TPI
M/s Ceinsys Tech Ltd

J.E.
Divisional Office (E&M)
U.P. Jal Nigam(Rural)
Lucknow

E.E.
Divisional Office (E&M)
U.P. Jal Nigam(Rural)
Lucknow

E.E.
Divisional Office (E&M)
U.P. Jal Nigam(Rural)
Lucknow

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- PIPRAULA KUNWARPUR, BLOCK- PASGAWAN,
DISTT- LAKHIMPUR KHIRI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 163 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 25.Oct.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:-

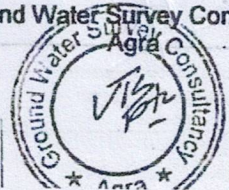
Mud Resistivity = 21.64 Ohms.

Drilling Water Resistivity = 22.40 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 - 15	10	Clay kankar	
3.	15 - 17	2	Fine sand	Good
4.	17 - 23	6	Clay kankar	
5.	23 - 29	6	Fine to Medium sand	Good
6.	29 - 40	11	Clay kankar	
7.	40 - 66*	26	Medium sand & kankar	Good
8.	66 - 73	7	Clay kankar	
9.	73 - 95*	22	Medium sand & kankar	Good
10.	95 - 105	10	Clay kankar	
11.	105 - 113*	8	Medium sand	Good
12.	113 - 120	7	Clay kankar	
13.	120 - 125*	5	Fine to Medium sand	Good
14.	125 - 134	9	Clay kankar	
15.	134 - 140*	6	Medium sand	Good
16.	140 - 145	5	Clay kankar	
17.	145 - 150*	5	Medium sand	Good
18.	150 - 163	13	Clay kankar	

Ground Water Survey Consultancy



Date 26/10/23 G.P. Pipraula Kuswarpur

	WC 3mtr	Block: Pasgawan - kharri R. Dish: 590 LPM	200x150mmφ	0.50m
		A. size: 200x150mmφ	6.78	
		B. size: 500x450	48m	
	Logging Date: 25-10-2023			
1/7	40-66-26m			
2/9	73-95-22-φ+6			47.50
3/11	105-113-8-6		0.20	47.70
4/13	120-125-5-3		6.00	
5/15	134-140-5-3		6.00	
6/17	145-150-5		6.00	
			6.00	
			1.80	25.80 = 73.50
1-	200mmφ Housing	48.00m	6.00	
2-	150mmφ Plain	71.80	3.00	= 82.50
3-	150mmφ Slot	24.00	3.00	= 85.50
4-	200x150 Rectacor	20	6.00	= 91.50
		144.00 m with AGL	6.00	

Expected Water Quality	Lithology	Thickness (m)	Depth (m)	Interval
	Surface soil	2	6.00	
	Clay kankar	10	2.50	14.50 = 106.00
	Fine sand	2	6.00	6.00 = 112.00
Good	Clay kankar	6	6.00	
	Fine to Medium sand	6	6.00	
Good	Clay kankar	11	4.50	22.50 = 134.50
Good	Medium sand & kankar	20	3.00	3.00 = 137.50
	Clay kankar	7	6.00	6.00 = 143.50
Good	Medium sand & kankar	22		
	Clay kankar	10		
Good	Medium sand	8		
	Clay kankar	7		
Good	Fine to Medium sand	2		
	Clay kankar	9		
Good	Medium sand	6		
	Clay kankar	2		
Good	Medium sand	2		
	Clay kankar	13		

(Vikas Yadav) JE

