

## COMPLETION PLAN OF TUBEWELL

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

**NAME OF PROGRAMME** :- JJM-2,

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

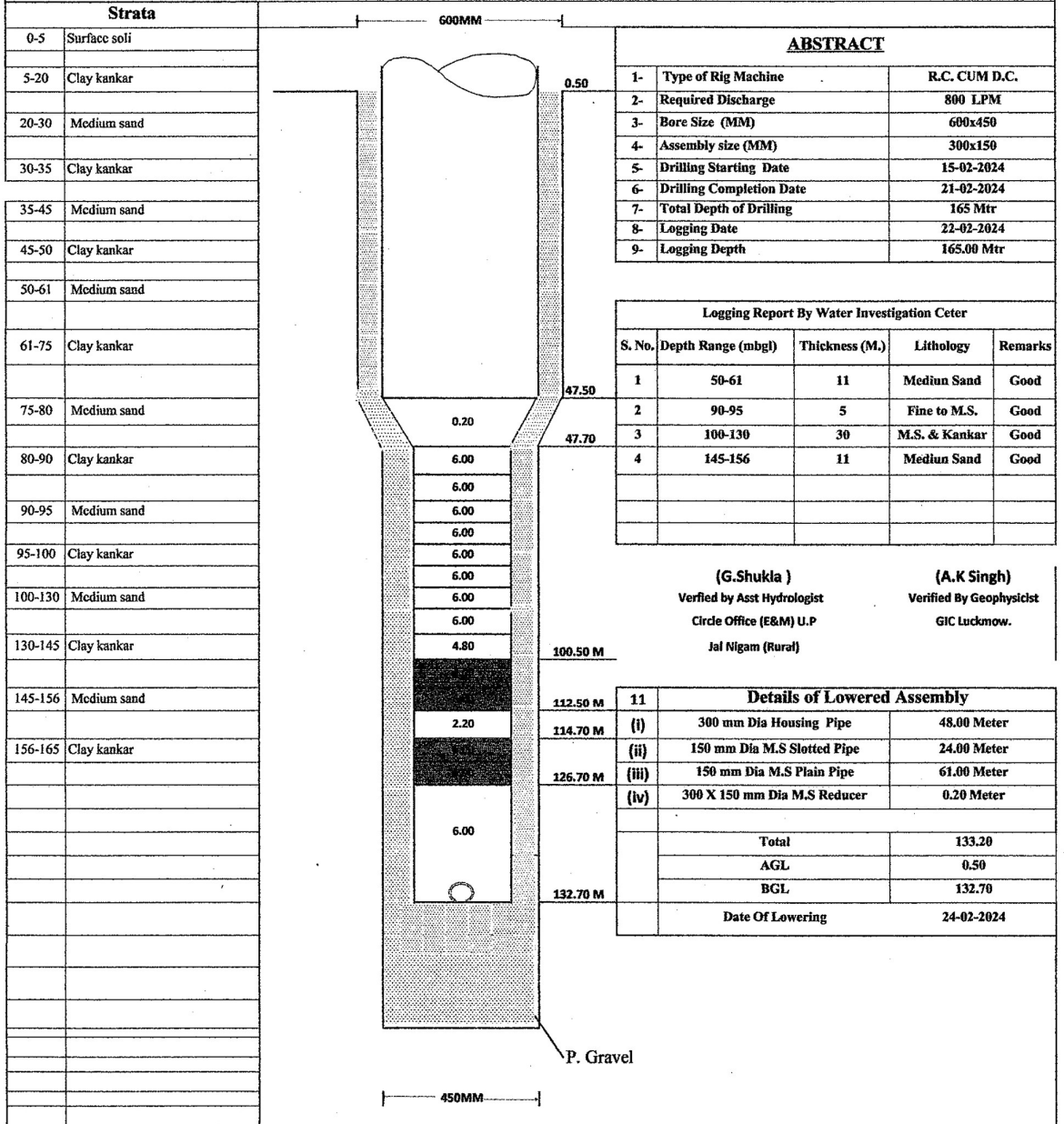
**NAME OF CONTRACTOR** :- M/S NCC Limited

**NAME OF TPI** :- Ceinsys Tech Limited

**CONTRACT AGREEMENT** :- 64/ED/Phase-2/2020-21 Dated on 12.03.2021

**COVER AGREEMENT** :- 711/ED/Phase-2/2022-23/XVII-2009666

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



Recommended & Prepared by

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For  
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TPI  
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# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT-ATAVA, BLOCK- BHEJAM, DISTT- LAKHIMPUR KHIRI  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 165 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 22.Feb.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 = 21.30 Ohms.

Drilling Water Resistivity = 25.63 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 - 20	15	Clay kankar	
3.	20 - 30	10	Medium Sand	Good
4.	30 - 35	5	Clay Kankar	
5.	35 - 45	10	Medium Sand	Good
6.	45 - 50	5	Clay kankar	
7.	50 - 61*	11	Medium Sand	Good
8.	61 - 75	14	Clay Kankar	
9.	75 - 80	5	Kankar Sand	
10.	80 - 90	10	Clay Kankar	
11.	90 - 95*	5	Fine to Medium Sand	Good
12.	95 - 100	5	Clay Kankar	
13.	100 - 130*	30	Medium Sand & Kankar	Good
14.	130 - 145	15	Clay Kankar	
15.	145 - 156*	11	Medium sand	Good
16.	156 - 165	9	Clay Kankar	

Ground Water Survey Consultancy

