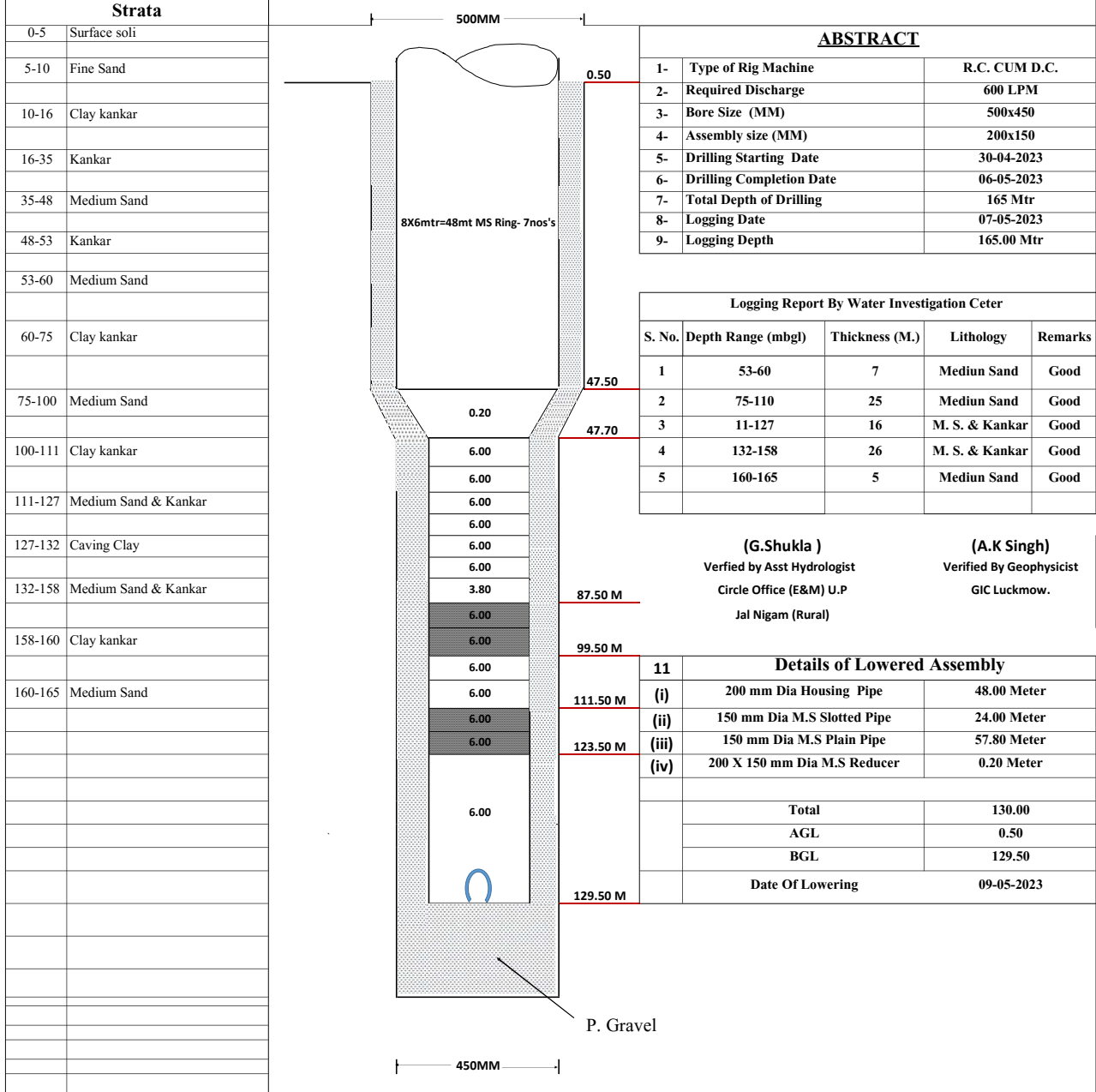


COMPLETION PLAN OF TUBEWELL

NAME OF WORK :- Construction of T.W- of G.P - Jamiraha , 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 07.01.2022
COVER AGREEMENT :- 358/ED/Phase 3/2022-23/XIV, Dated 03.02.2023

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



Recommended & Prepared by

Verified & Checked By

Recommended By

Approved By

M/s NCC LTD.

TPI
M/s Ceinsys Tech Ltd

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

A.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- JAMIRAHA, BLOCK- PASGAWAN, 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 07.May.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 = 24.51 Ohms.

Drilling Water Resistivity = 25.29 Ohms.

Approx Water Level = 6 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Fine sand	
3.	10 - 16	6	Clay kankar	
4.	16 - 35	9	Kankar	
5.	35 - 48	13	Medium sand	Good
6.	48 - 53	5	Kankar	
7.	53 - 60*	7	Medium sand	Good
8.	60 - 75	15	Clay kankar	
9.	75 - 100*	25	Medium sand	Good
10.	100 - 111	11	Clay kankar	
11.	111 - 127*	16	Medium sand & kankar	Good
12.	127 - 132	5	Clay kankar	
13.	132 - 158*	26	Medium sand & kankar	Good
14.	158 - 160	2	Clay kankar	
15.	160 - 165*	5	Medium sand	Good

Ground Water Survey Consultancy
Agra

(Signature)