

COMPLETION PLAN OF TUBEWELL

NAME OF WORK :- Construction of T.W- of G.P - Rasoolpur Taffazul hussain Block -Pasgwan,Distt. Lakhimpur

NAME OF PROGRAMME :- JJM-3,

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

NAME OF CONTRACTOR :- M/S NCC Limited

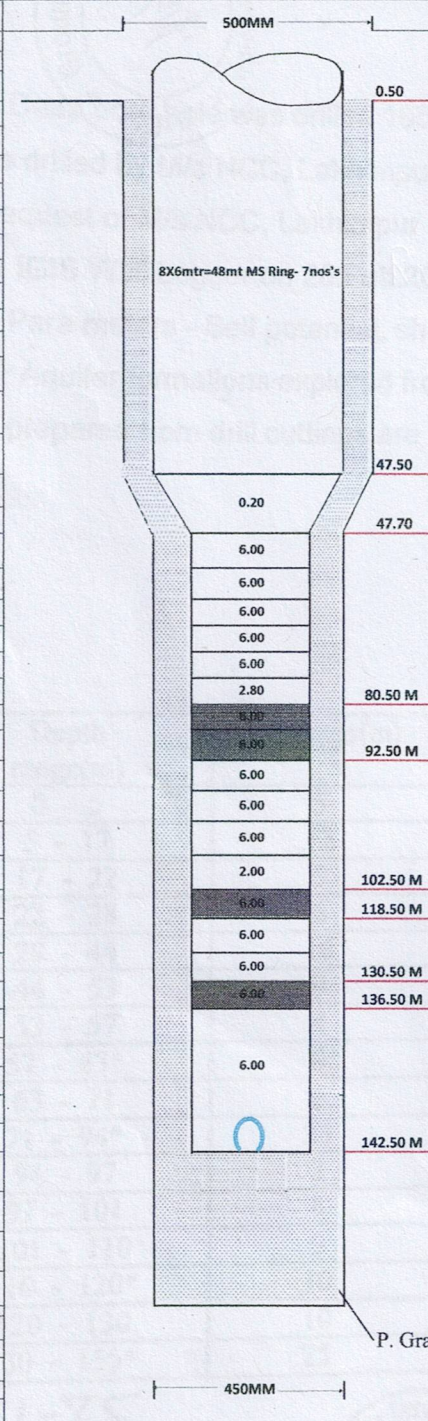
NAME OF TPI :- Ceinsys Tech Limited

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- Rasoolpur Taffazul hussain Block -Pasgwan,Distt. Lakhimpur

Strata	
0-5	Surface soli
5-17	Medium Sand & Kankar
17-22	Clay kankar
22-28	Medium Sand
28-44	Clay kankar
44-53	Medium Sand
53-57	Clay kankar
57-63	Medium Sand
63-71	Clay kankar
71-75	Medium Sand & Kankar
75-94	Medium Sand & Kankar
94-97	Clay kankar
97-101	Medium Sand
101-110	Clay kankar
110-120	Medium Sand
120-130	Clay kankar
130-155	Medium Sand & Kankar
155-165	Sandy




ABSTRACT		
1-	Type of Rig Machine	R.C. CUM D.C.
2-	Required Discharge	580 LPM
3-	Bore Size (MM)	500x450
4-	Assembly size (MM)	200x150
5-	Drilling Starting Date	19-02-2023
6-	Drilling Completion Date	25-02-2023
7-	Total Depth of Drilling	165 Mtr
8-	Logging Date	26-02-2023
9-	Logging Depth	165 Mtr

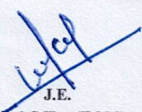
Logging Report By Water Investigation Ceter				
S. No.	Depth Range (mbgl)	Thickness (M.)	Lithology	Remarks
1	57-63	6	Mediun Sand	Good
2	71-75	4	M.S & Kankar	Good
3	78-94	16	M.S & Kankar	Good
4	110-120	10	Mediun Sand	Good
5	130-155	25	M.S & Kankar	Good


(G.Shukla)
Verified by Asst Hydrologist
Circle Office (E&M) U.P
Jal Nigam (Rural)


(A.K Singh)
Verified By Geophysicist
GIC Lucknow.

Details of Lowered Assembly		
(i)	200 mm Dia Housing Pipe	48.00 Meter
(ii)	150 mm Dia M.S Slotted Pipe	24.00 Meter
(iii)	150 mm Dia M.S Plain Pipe	70.80 Meter
(iv)	200 X 150 mm Dia M.S Reducer	0.20 Meter
Total		143.00
AGL		0.50
BGL		142.50
Date Of Lowering		28-02-2023

Recommended & Prepared by  M/s NCC LTD.

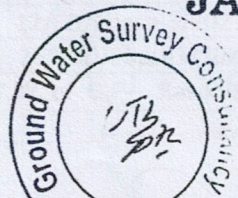
Verified & Checked By  J.E.
M/s Ceinsys Tech Ltd

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

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

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BLOCK- PASAGAON, DISTT-LAKHIMPUR KHIRI
UNDER
 Rasoolpur Taffazul Hossain **JAL JIVAN MISSION**



Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 155 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 26.Feb.2022.

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:-

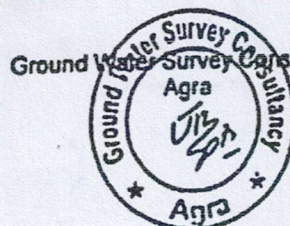
Mud Resistivity = 26.29 Ohms.

Drilling Water Resistivity = 24.62 Ohms.

Approx Water Level = 8 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 17	12	Medium sand & kankar	Good
3.	17 - 22	5	Clay kankar	
4.	22 - 28	6	Medium sand	Good
5.	28 - 44	16	Clay kankar	
6.	44 - 53	9	Medium sand	Good
7.	53 - 57	4	Clay kankar	
8.	57 - 63*	6	Medium sand	Good
9.	63 - 71	8	Clay kankar	
10.	71 - 94*	23	Medium sand & kankar	Good
11.	94 - 97	3	Clay kankar	
12.	97 - 101	4	Fine sand	Good
13.	101 - 110	9	Clay kankar	
14.	110 - 120*	10	Medium sand	Good
15.	120 - 130	10	Clay kankar	
16.	130 - 155*	25	Medium sand & kankar	Good

Sr No 10-71-75
(4w)
and 78-94(16w)
|
G.Sh
24/02/23



- Logging performed as per
SWSM guidelines.
- Groundwater quality
interpreted by fermas
per the logger calibrat