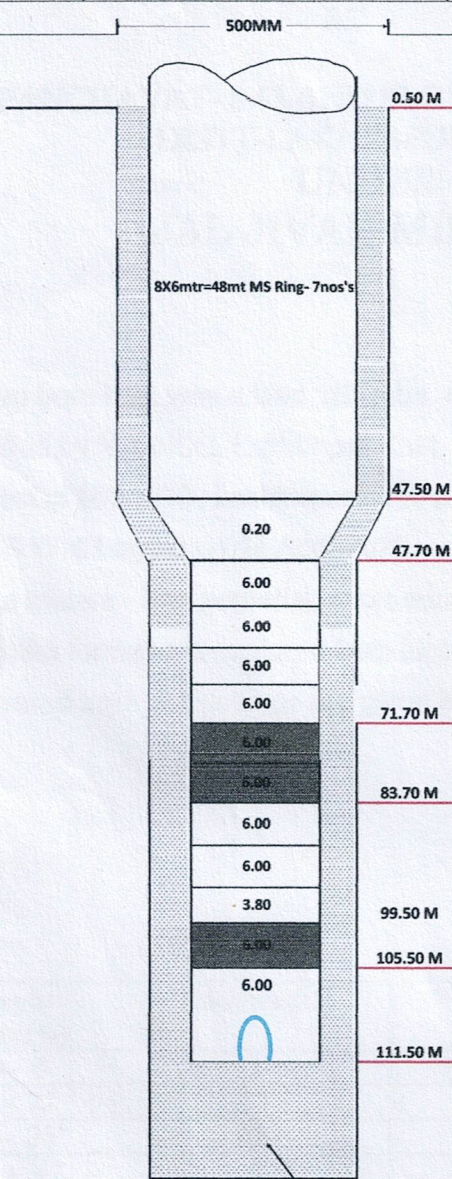


COMPLETION PLAN OF TUBEWELL

NAME OF WORK :- Construction of T.W- of G.P - Salahpur Grant, Block- Mitauli, 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 :- 260/ED/Phase3/2022-23/X,

Lowered Assembly Chart of T.W. of G.P- Salahpur Grant, Block- Mitauli, Distt. Lakhimpur,

Strata	
0-5	Surface Clay
5-22	Clay Kankar
22-35	Medium sand
35-41	Clay Kankar
41-60	Medium sand
60-67	Clay Kankar
67-86	Medium sand
86-99	Clay Kankar
99-106	Medium sand
106-120	Caving Clay
120-130	Medium sand
130-159	Clay Kankar
159-165	Medium Sand




ABSTRACT		
1-	Type of Rig Machine	R.C. CUM D.C.
2-	Required Discharge	390 LPM
3-	Bore Size (MM)	500x450
4-	Assembly size (MM)	200x150
5-	Drilling Starting Date	16/4/2023
6-	Drilling Completion Date	13/04/2023
7-	Total Depth of Drilling	165 Mtr
8-	Logging Date	14/04/2023
9-	Logging Depth	165.00 Mtr


Logging Report By Water Investigation Ceter				
S. No.	Depth Range (mbgl)	Thickness (M.)	Lithology	Remarks
1	41-60	19	Medium Sand	Good
2	67-83	19	Medium Sand	Good
3	99-106	7	Medium Sand	Good
4	120-130	4	Medium Sand	Good
5	126-130	4	Medium Sand	Good


(G.Shukla) **(A.K Singh)**
 Verified by Asst Hydrologist Verified By Geophysicist
 Circle Office (E&M) U.P. GIC Lucknow.
 Jal Nigam (Rural)


11 Details of Lowered Assembly		
(i)	200 mm Dia Housing Pipe	48.00 Meter
(ii)	150 mm Dia M.S Slotted Pipe	18.00 Meter
(iii)	150 mm Dia M.S Plain Pipe	45.80 Meter
(iv)	200 X 150 mm Dia M.S Reducer	0.20 Meter
Total		112.00
AGL		0.50
BGL		111.50
Date Of Lowering		30/03/2023

Recommended & Prepared by

 M/s NCC LTD.

Verified & Checked By
 TPI
 M/s Ceinsys Tech Ltd

Recommended By

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

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- SALAHPUR GRANT, BLOCK- MITAULI,
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 14.April.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 = 25.94 Ohms.

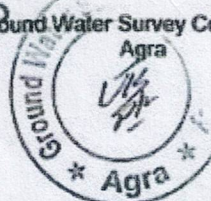
Drilling Water Resistivity = 26.39 Ohms.

Approx Water Level = 10 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 22	17	Clay kankar	
3.	22 - 35*	13	Medium sand	Good
4.	35 - 41	6	Clay kankar	
5.	41 - 60*	19	Medium sand	Good
6.	60 - 67	7	Clay kankar	
7.	67 - 86*	19	Medium sand	Good
8.	86 - 99	8	Clay kankar	
9.	99 - 106*	7	Medium sand	Good
10.	106 - 120	14	Clay kankar	
11.	120 - 130*	10	Medium sand	Good
12.	130 - 159	29	Clay kankar	
13.	159 - 165*	6	Medium sand	Good

Sr No 11-120-124 (4m)
126-130
(4m)

G.Sh
15/04/23



- Logging performed as per SWSM guidelines.
- Groundwater quality interpreted by firm as per their logger calibration.