

COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Girdharpuri Colony & Murar Kheda Colony, Block- Palia District, Lakhimpur Kheri.

Name of Program :- J. J. M-2

Name of client :- S.W.S.M. & U.P. JAL NIGAM (R)

Name of Contractor :- M/S NCC Limited

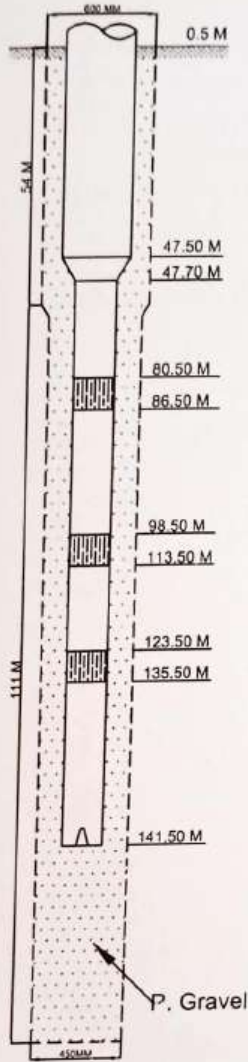
Name of TPI :- Ceinsys Tech Limited

Contract Agreement :- 64/ED/2020-21 Dated on 12.03.2021

Cover Agreement :- 245/ED/Phase-2/2022-23/VIII Dt. 19 Dec 2022

Lowered Assembly Chart of T. W of Girdharpuri Colony & Murar Kheda Colony G.P W/S Scheme District :- Lakhimpur Kheri.

Strata	
0-5 M.	Surface Soil
5-8 M.	Clay
8-28 M.	Fine To Medium Sand
28-31 M.	Clay Kankar
31-71 M.	Fine To Medium Sand
71-79 M.	Clay Kankar
79-88 M.	Medium Sand
88-98 M.	Clay Kankar
98-115 M.	Medium Sand
115-120 M.	Clay Kankar
120-136 M.	Sand & Kankar
136-140 M.	Kankar
140-145 M.	Fine To Medium Sand
145-150 M.	Kankar With Sand
150-165 M.	Clay Kankar



ABSTRACT	
1	Type of Rig Machine :- DC/RC
2	Static Water level :-
3	Required Discharge :- 900 LPM
4	Bore Size (MM) :- 600x450
5	Assembly Size (MM) :- 300 x 150
6	Drilling Starting Date :- 26.10.2022
7	Drilling Completion Date :- 29.10.2022
8	Total Depth Of Drilling :- 170.0 M
9	Logging Date :- 30.10.2022
10	Logging Depth :- 162.00 M

Logging Report			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	0-5	5	(Good All)
2	5-8	3	
3	8-28	20	
4	28-31	3	
5	31-71	40	
6	71-79	8	
7	79-88	9	
8	88-98	10	
9	98-115	17	
10	115-120	5	
11	120-136	16	
12	136-140	4	
13	140-145	5	
14	145-150	5	
15	150-162	12	

11. Details of Lowered Assembly	
i)	300 mm Dia Housing Pipe :- 48.00 Meter
ii)	150 mm Dia M. S. Slotted pipe :- 33.00 Meter
iii)	150 mm Dia M. S. Plain pipe :- 60.30 Meter
iv)	300 x 150 mm Dia M S Reducer :- 0.20 Meter
	Total :- 141.50 Meter
	AGI :- 00.50 Meter
	BGL :- 142.00 Meter
12.	Date of Lowering :- 01.11.2022



Verified by

Recommended by

Approved by

13th Division UP Jal Nigam (R) Lucknow

A.E
13th Division UP Jal Nigam (R) Lucknow

E.E
13th Division U.P Jal Nigam (R) Lucknow

NOV 2022

1 Tuesday
(305-060) Week 45

NOV	Monday	7	14	21	
	Tuesday	8	15	22	
	Wednesday	9	16	23	
2	Thursday	10	17	24	
0	Friday	11	18	25	
2	Saturday	12	19	26	
2	Sunday	13	20	27	
	Week	45	46	47	48

L.P. Murar Kheda Black. folio Diptic - Lakshmi
 Pursued - 1150 RPM size - 300x150 / DPR Matted - 45

9.00

9.30 Logging - 30/10/2022

10.00

- ① 31 - 71 = 40
- ② 79 - 88 = 9 mt = 6
- ③ 98 - 115 = 17 mt = 15
- ④ 120 - 136 = 16 mt = 12
- ⑤ 140 - 145 = 5 x

300x150

8x6 No
= 48 mt

1.00

1.30 = $48 + .20 + 32.80 + 33 + 12$

2.00

$+ 10 + 6 = 142 - .5A61 = 141.50$

2.30

.20

47.50
47.70

3.00

6.0 + 6.0 + 6.0

80.50

3.30

6.0 + 6.0

86.50

4.00

4.30

6.0 + 6.0

98.50

5.00

6.0 + 6.0

15

5.30

6.0 + 4.0

113.50

6.00

6.0 + 4.0

123.50

6.0 + 4.0

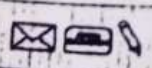
135.50

6.0

6.0

141.50

~~01/11/2022~~



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- MURAR KHERA COLONY, BLOCK- PALIA
DISTT-LAKHIMPUR KHIRI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 170 mtrs. depth. and Logged depth 162 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 30.Oct.2022.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-84), 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:-

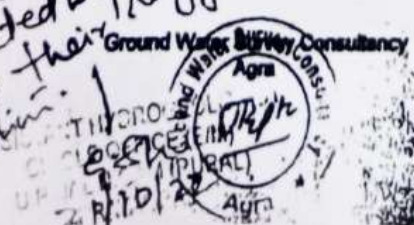
Mud Resistivity = 19.88 Ohms.

Drilling Water Resistivity = 20.78 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 - 8	3	Clay	
3.	8 - 28	20	Fine to medium sand	Good
4.	28 - 31	3	Clay kankar	
5.	31 - 71*	40	Fine to medium sand	Good
6.	71 - 79	8	Clay kankar	
7.	79 - 88*	9	Medium sand	Good
8.	88 - 98	10	Clay kankar	
9.	98 - 115*	17	Medium sand	Good
10.	115 - 120	5	Clay kankar	
11.	120 - 136*	16	Sand & kankar	Good
12.	136 - 140	4	Kankar	
13.	140 - 145*	5	Fine to medium sand	Good
14.	145 - 150	5	Kankar with sand	
15.	150 - 162	12	Clay kankar	

Logging performed as per SWM guidelines and groundwater quality interpreted by loggers from as per their calibration.



2022/10/31 11:50