

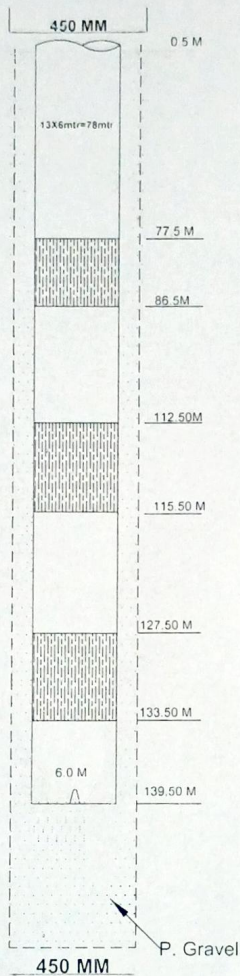
## COMPLETION PLAN OF TUBEWELL 2024-2

**Name of work** :- Construction of T. W. of G.P. Baldeota, Block-Pasgawan, District, Lakhimpur.  
**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  
**Cover Agreement** :- 803/ED/Phase-2/2023-24/XVIII, Dt. 08.05.2023

Lowered Assembly Chart of T. W of Baldeota, G.P W/S Scheme District :- Lakhimpur Kheri.

### Strata

0-5 mtr Surface soil
5-8 mtr Clay Kankar
8-15 mtr Medium Sand
15-25 mtr Clay Kankar
25-31 mtr Medium Sand
31-50 mtr Clay Kankar
50-55 mtr Medium Sand
55-60 mtr Clay Kankar
60-70 mtr Medium Sand
70-75 mtr Clay Kankar
75-90 mtr Medium Sand
90-100 mtr Clay Kankar
100-105 mtr Fine Sand
105-110 mtr Clay Kankar
110-116 mtr Fine to Medium Sand
116-126 mtr Clay Kankar
126-135 mtr Medium Sand
135-144 mtr Clay Kankar
144-154 mtr Medium Sand
154-160 mtr Clay Kankar



### ABSTRACT

1	Type of Rig Machine	- DC Cum RC
2	Required Discharge	- 210 LPM
3	Bore Size (MM)	- 450x450
4	Assembly Size (MM)	- 150 x 150
5	Drilling Starting Date	- 18.10.2023
6	Drilling Completion Date	- 22.10.2023
7	Total Depth Of Drilling	- 165 M
8	Logging Date	- 23.10.2023
9	Logging Depth	- 160 M

### Logging Report

Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	50-55	05	Fine to Medium Sand (Good All)
2	60-70	10	
3	75-90	15	
4	110-116	06	
5	126-135	09	

### 11. Details of Lowered Assembly

i)	150 mm Dia Housing Pipe	- 48.0 Meter
ii)	150 mm Dia M. S. Slotted pipe	- 18.00 Meter
iii)	150 mm Dia M. S. Plain pipe	- 73.5 Meter
iv)	150 x 150 mm Dia M S Reducer	- 0.00 Meter
Total		- 140.00 Meter
AGI		- 00.50 Meter
BGL		- 139.50 Meter

12. Date of Lowering -25.10.2023

Recommended & Prepared by

Verified by

Recommended by

Approved by

M/S NCC Ltd

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**REPORT ON GEOPHYSICAL WELL LOGGING**  
**AT**  
**GRAM PANCHAYAT- BALDEOTA ZONE -2, BLOCK- PASGAWAN,**  
**DISTT- LAKHIMPUR KHIRI**  
**UNDER**  
**JAL JIVAN MISSION**

**Introduction :**

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 160 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.Oct.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 = 20.12 Ohms.

Drilling Water Resistivity = 21.52 Ohms.

Approx Water Level = 1.5 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 8	3	Clay kankar	
3.	8 - 15	7	Medium sand	Good
4.	15 - 25	10	Clay kankar	
5.	25 - 31	6	Medium sand	Good
6.	31 - 50	19	Clay kankar	
7.	50 - 55*	5	Medium sand	Good
8.	55 - 60	5	Clay kankar	
9.	60 - 70*	10	Medium sand	Good
10.	70 - 75	5	Clay kankar	
11.	75 - 90*	15	Medium sand	Good
12.	90 - 100	10	Clay kankar	
13.	100 - 105	5	Fine sand	Good
14.	105 - 110	5	Clay kankar	
15.	110 - 116*	6	Fine to Medium sand	Good
16.	116 - 126	10	Clay kankar	
17.	126 - 135*	9	Medium sand	Good
18.	135 - 144	9	Clay kankar	
19.	144 - 154*	10	Medium sand	Good
20.	154 - 160	6	Clay kankar	

Ground Water Survey Consultancy

Agra

