

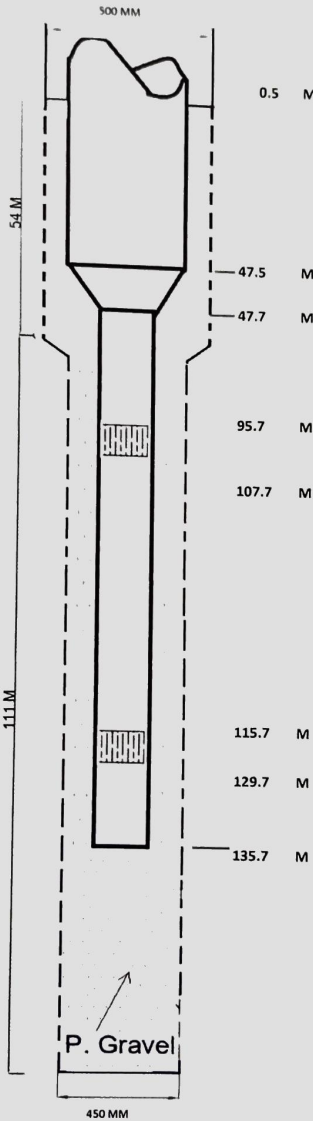
### Completion Plan Of Tubewell

**Name Of Work** :- Construction of T. W. of G.P. BHURWARA, Block- Bankey Ganj, 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 Dt. 12.03.2021  
**Cover Agreement** :- 585/ED/Phase-2/2022-23/XV, Dt. 20.03.2023

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

**Strata**

0	-	5	M Surface Soil
5	-	10	M Clay
10	-	20	M Medium Sand
20	-	30	M Clay Kankar
30	-	41	M Medium Sand
41	-	45	M Clay Kankar
45	-	70	M Medium Sand & Kankar
70	-	76	M Clay Kankar
76	-	91	M Medium Sand
91	-	95	M Clay Kankar
95	-	110	M Medium Sand
110	-	115	M Clay Kankar
115	-	133	M Medium Sand & Kankar
133	-	142	M Clay kankar
142	-	158	M Medium Sand & Kankar
158	-	161	M Clay kankar



**ABSTRACT**

1	Type of Rig Machine	:-	DC/RC
2	Static Water level	:-	
3	Required Discharge	:-	560 LPM
4	Bore Size (MM)	:-	500 X 450
5	Assembly Size (MM)	:-	200 X 150
6	Drilling Starting Date	:-	28-03-2023
7	Drilling Completion Date	:-	01-04-2023
8	Total Depth Of Drilling	:-	165 M
9	Logging Date	:-	02-04-2023
10	Logging Depth	:-	161 M

**Logging Report**

Sl No	Depth (mbgl)	Thickness (m)	Remarks
1	0 - 5	5	(Good All)
2	5 - 10	5	
3	10 - 20	10	
4	20 - 30	10	
5	30 - 41	11	
6	41 - 45	4	
7	45 - 70	25	
8	70 - 76	6	
9	76 - 91	15	
10	91 - 95	4	
11	95 - 110	15	
12	110 - 115	5	
13	115 - 133	18	
14	133 - 142	9	
15	142 - 158	16	
16	158 - 161	3	

<b>11</b>	<b>Details of Lowered Assembly</b>		
i)	200	MM Dia Housing Pipe	:- 48.0 M
ii)	150	MM Dia M. S. Slotted pipe	:- 26.0 M
iii)	150	MM Dia M. S. Plain pipe	:- 62.0 M
iv)	200 X 150	MM Dia M S Reducer	0.2 M
		<b>Total</b>	:- 136.20 Meter
		<b>AGL</b>	:- 0.50 Meter
		<b>BGL</b>	:- 135.70 Meter
<b>12</b>	<b>Date of Lowering</b>		:- 03-04-2023



**Verified by**   
 M/S. Ceinsys Tech Ltd. 13th Division UP Jal Nigam (R) Lucknow

**Recommended by**   
 13th Division UP Jal Nigam (R) Lucknow

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

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- MOHAMDPUR BIHURWARA, BLOCK- BANKEYGANJ,  
DISTT-LAKHIMPUR KHIRI  
UNDER  
JAL JIVAN MISSION

**Introduction :**

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth ~~161~~ 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 02.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 = 21.37 Ohms.

Drilling Water Resistivity = 22.60 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	Clay	
3.	10 - 20	10	Medium sand	Good
4.	20 - 30	10	Clay kankar	
5.	30 - 41	11	Medium sand	Good
6.	41 - 45	4	Clay kankar	
<del>7.</del>	45 - 70*	25	Medium sand & kankar	Good
8.	70 - 76	6	Clay kankar	
<del>9.</del>	76 - 91*	15	Medium sand	Good
10.	91 - 95	4	Clay kankar	
<del>11.</del>	95 - 110*	15	Medium sand	Good
12.	110 - 115	5	Clay kankar	
<del>13.</del>	115 - 133*	18	Medium sand & kankar	Good
14.	133 - 142	9	Clay kankar	
<del>15.</del>	142 - 158*	16	Medium sand & kankar	Good
16.	158 - 161	3	Clay kankar	

Sr NO 7-47-68

Sr N 9-76-90

G.S.  
04/04/23



- Logging performed as per SWSM guidelines  
- Groundwater quality interpreted by form after their logger calibrit