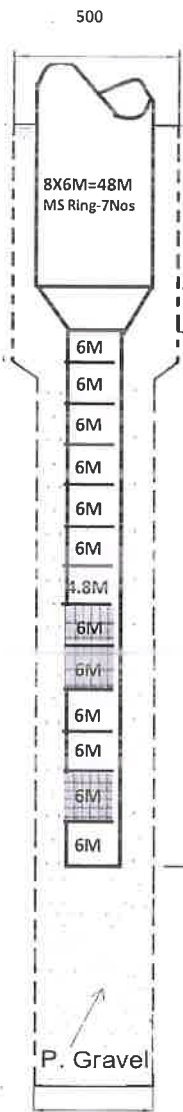


**Completion Plan Of Tubewell**

**Name Of Work** :- Construction of T. W. of G.P. Pandebari, Block- Pasgwan, District, Lakhimpur Kheri.  
**Name Of Program** :- J. J. M  
**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** :- 12/ED/Phase-3/2021-22, date-07.01.2022  
**Cover Agreement** :- 260/ED/Phase3/2022-23/X, Dated 24.12.2022

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

Strata			
0	-	5	M, Surface Soil
5	-	16	M, Fine to Medium Sand
16	-	26	M, Clay Kankar
26	-	45	M, Medium Sand
45	-	53	M, Clay Kankar
53	-	59	M, Medium Sand
59	-	65	M, Clay Kankar
65	-	70	M, Fine to Medium Sand
70	-	77	M, Clay Kankar
77	-	101	M, Medium Sand & Kankar
101	-	111	M, Clay Kankar
111	-	130	M, Medium Sand
130	-	136	M, Clay Kankar
136	-	147	M, Medium Sand
147	-	165	M, Clay Kankar



ABSTRACT			
1	Type of Rig Machine	:-	DC/RC
2	Static Water level	:-	11M
3	Required Discharge	:-	460 LPM
4	Bore Size (MM)	:-	500 X 450
5	Assembly Size (MM)	:-	200 X 150
6	Drilling Starting Date	:-	14-06-2023
7	Drilling Completion Date	:-	18-06-2023
8	Total Depth Of Drilling	:-	165 M
9	Logging Date	:-	19-06-2023
10	Logging Depth	:-	165 M

Logging Report				
Sl No	Depth (mbgl)	Thickness (m)	Remarks	
1	53 - 69	16	(Good All)	
2	65 - 70	5		
3	77 - 101	24		
4	111 - 130	19		
5	136 - 147	11		

11 Details of Lowered Assembly			
i)	200	MM Dia Housing Pipe	48.0 M
ii)	150	MM Dia M. S. Slotted pipe	18 M
iii)	150	MM Dia M. S. Plain pipe	58.8 M
iv)	200 X 150	MM Dia M S Reducer	0.2 M
Total :-			125.00 Meter
AGL :-			0.50 Meter
BGL :-			124.50 Meter
12	Date of Lowering	:-	20-06-2023



*J.E*  
 Recommended by  
 Division office (E/M) UP Jal Nigam (R) Lucknow

*A.E*  
 Recommended by  
 Division office (E/M) UP Jal Nigam (R) Lucknow

*E.E*  
 Approved by  
 Division office (E/M) UP Jal Nigam (R) Lucknow

**VIKAS KR. YADAV**  
 JUNIOR ENGINEER  
 DIVISIONAL OFFICE (E&M)  
 U.P. JAL NIGAM (R)  
 LUCKNOW

**Vinod Kumar**  
 Assistant Engineer  
 Divisional officer (E&M)  
 U.P. Jal Nigam (R)  
 Lucknow

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- PANDEWARI, BLOCK- PASGAWAN,  
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 19.Jun.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 = ~~23.42~~ Ohms.

Drilling Water Resistivity = ~~24.40~~ Ohms.

Approx Water Level = 11 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 16	<del>11</del>	Fine to Medium sand	
3.	16 - 26	<del>10</del>	Clay kankar	
4.	26 - 45	19	Medium sand	Good
5.	45 - 53	8	Clay kankar	
<del>6.</del>	53 - 59*	6	Medium sand	Good
7.	59 - 65	6	Clay kankar	
<del>8.</del>	65 - 70*	5	Fine to Medium sand	Good
9.	70 - 77	7	Clay kankar	
<del>10.</del>	77 - 101*	24	Medium sand & kankar	Good
11.	101 - 111	10	Clay kankar	
<del>12.</del>	111 - 130*	19	Medium sand	Good
13.	130 - 136	6	Clay kankar	
<del>14.</del>	136 - 147*	11	Medium sand	Good
15.	147 - 165	18	Clay kankar	

Ground Water Survey Consultancy  
Agra



- Logging performed as per SWSM guidelines  
- Groundwater quality interpreted by firm as per their logger calibration  
G.Sh  
20/06/23