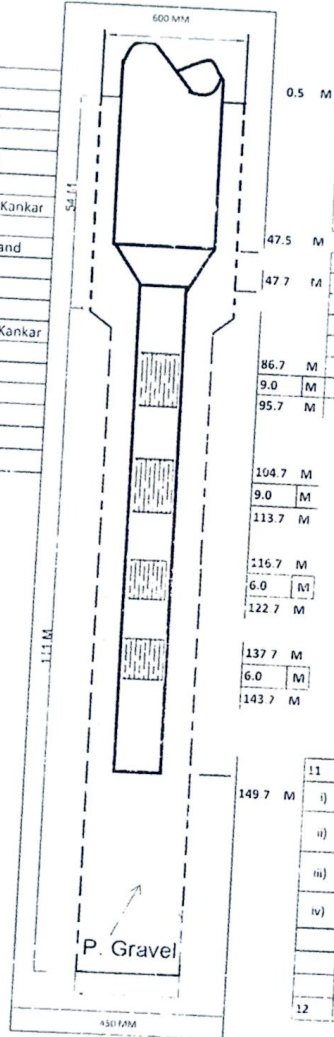


Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. GOVINDA PUR, Block- Bijuwa, 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 :- 648/ED/Phase-2/2022-23/XVI, Dt 23.03 2023

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

Strata		
0	5	M Surface Soil
5	18	M Clay Kankar
18	25	M Medium Sand
25	30	M Clay Kankar
30	42	M Medium Sand
42	48	M Clay Kankar
48	60	M Medium Sand, Kankar
60	69	M Clay Kankar
69	77	M Fine to Med Sand
77	84	M Clay Kankar
84	97	M Medium Sand
97	104	M Clay Kankar
104	125	M Medium Sand, Kankar
125	135	M Clay Kankar
135	146	M medium Sand
146	163	M Clay Kankar
163	165	M medium Sand



ABSTRACT		
1	Type of Rig Machine	DC/RC
2	Static Water level	
3	Required Discharge	840 LPM
4	Bore Size (MM)	600 X 430
5	Assembly Size (MM)	300 X 150
6	Drilling Starting Date	17-05-2024
7	Drilling Completion Date	21-05-2024
8	Total Depth Of Drilling	165 M
9	Logging Date	22-05-2024
10	Logging Depth	165 M

Logging Report				
Sl No	Depth (mbgl)	Thickness (m)	Remarks	
1	48	60	12	All Good
2	69	77	8	
3	84	97	13	
4	104	125	21	
5	135	146	11	
6	163	165	2	

11 Details of Lowered Assembly			
i)	300	MM Dia Housing Pipe	45.0 M
ii)	150	MM Dia M.S Slotted pipe	30.0 M
iii)	150	MM Dia M.S Flum pipe	72.0 M
iv)	300 X 150	MM Dia M.S Reducer	0.2 M
Total			150.20 Meter
AGL			0.50 Meter
BSL			149.70 Meter
12 Date of Lowering			25.05.2024

Recommended & Prepared by: M/S NCC Ltd.
 Verified by: M/S. Ceinsys Tech Ltd.
 Recommended by: J E, 13th Division UP Jal Nigam (R), Lucknow.
 Approved by: A E, 13th Division UP Jal Nigam (R), Lucknow.

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- GOVINDA PUR, BLOCK- BIJUA, 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 22.May.2024.

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 = 24.39 Ohms.

Drilling Water Resistivity = 25.74 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 - 18	13	Clay kankar	
3.	18 - 25	7	Medium sand	
4.	25 - 30	5	Clay kankar	
5.	30 - 42	12	Medium sand	Good
6.	42 - 48	6	Clay kankar	
7.	48 - 60*	12	Medium sand & kankar	Good
8.	60 - 69	9	Clay kankar	
9.	69 - 77*	8	Fine to Medium sand	Good
10.	77 - 84	7	Clay kankar	
11.	84 - 97*	13	Medium sand	Good
12.	97 - 104	7	Clay kankar	
13.	104 - 125*	21	Medium sand & kankar	Good
14.	125 - 135	10	Clay kankar	
15.	135 - 147*	12	Medium sand	Good
16.	146 - 163	17	Clay kankar	
17.	163 - 165*	2	Medium sand	Good

Ground Water Survey Consultancy

