

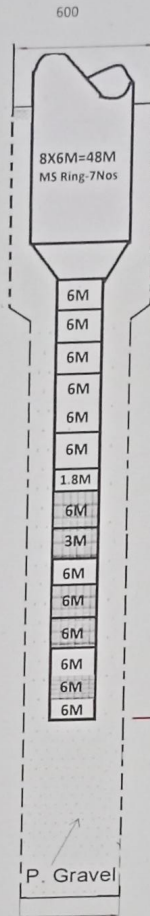
Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. Dhamaula, Block- Mohammadi, 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 :- 160/ED/Phase-3/2022-23/IV, Dated: 22 OCT,2022

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

Strata

0	-	5	M, Surface Soil
5	-	8	M, Dry Sand
8	-	14	M, Clay Kankar
14	-	21	M, Fine & Medium Sand
21	-	26	M, Clay Kankar
26	-	35	M, Medium Sand
35	-	57	M, Clay Kankar
57	-	65	M, Medium Sand
65	-	71	M, Clay Kankar
71	-	76	M, Medium Sand
76	-	85	M, Clay Kankar
85	-	95	M, Medium Sand
95	-	100	M, Clay Kankar
100	-	127	M, Medium Sand & Kankar
127	-	131	M, Clay Kankar
131	-	140	M, Medium Sand
140	-	144	M, Clay Kankar
144	-	151	M, Medium Sand
151	-	156	M, Clay Kankar
156	-	165	M, Medium Sand



ABSTRACT

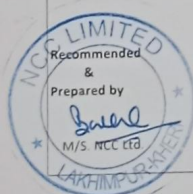
1	Type of Rig Machine	:-	DC/RC
2	Static Water level	:-	
3	Required Discharge	:-	850 LPM
4	Bore Size (MM)	:-	600 X 450
5	Assembly Size (MM)	:-	300 X 150
6	Drilling Starting Date	:-	22-05-2023
7	Drilling Completion Date	:-	26-05-2023
8	Total Depth Of Drilling	:-	165 M
9	Logging Date	:-	27-05-2023
10	Logging Depth	:-	165 M

Logging Report

SI No	Depth (mbgl)	Thickness (m)	Remarks
1	0 - 5	5	(Good All)
2	5 - 8	3	
3	8 - 14	6	
4	14 - 21	7	
5	21 - 26	5	
6	26 - 35	9	
7	35 - 57	22	
8	57 - 65	8	
9	65 - 71	6	
10	71 - 76	5	
11	76 - 85	9	
12	85 - 95	10	
13	95 - 100	5	
14	100 - 127	27	
15	127 - 131	4	
16	131 - 140	9	
17	140 - 144	4	
18	144 - 151	7	
19	151 - 156	5	
20	156 - 165	9	

11 Details of Lowered Assembly

i)	300	MM Dia Housing Pipe	:-	48 M
ii)	150	MM Dia M. S. Slotted pipe	:-	27 M
iii)	150	MM Dia M. S. Plain pipe	:-	55.8 M
iv)	300 X 150	MM Dia M S Reducer	:-	0.2 M
			Total :-	131.00 Meter
			AGL :-	0.50 Meter
			BGL :-	130.50 Meter
12	Date of Lowering	:-	28-05-2023	



Verified by
M/S. Ceinsys Tech Ltd.

Recommended by
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REPORT ON GEOPHYSICAL WELL LOGGING AT

AM PANCHAYAT- DHAMULA, BLOCK- MOHAMMADI, 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 27 May.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 = ~~22.36~~ Ohms.

Drilling Water Resistivity = ~~23.57~~ Ohms.

Approx Water Level = 8 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 8	3	Dry sand	
3.	8 - 14	6	Clay kankar	
4.	14 - 21	7	Fine to Medium sand	Good
5.	21 - 26	5	Clay kankar	
6.	26 - 35	9	Medium sand	Good
7.	35 - 57	22	Clay kankar	
8.	57 - 65*	8	Medium sand	Good
9.	65 - 71	6	Clay kankar	
10.	71 - 76*	5	Medium sand	Good
11.	76 - 85	9	Clay kankar	
12.	85 - 95*	10	Medium sand	Good
13.	95 - 100	5	Clay kankar	
14.	100 - 127*	27	Medium sand & kankar	Good
15.	127 - 131	4	Clay kankar	
16.	131 - 140*	9	Medium sand	Good
17.	140 - 144	4	Clay kankar	
18.	144 - 151*	7	Medium sand	Good
19.	151 - 156	5	Clay kankar	
20.	156 - 165*	9	Medium sand	Good

Ground Water Survey Consultancy



- Logging performed as per
SISIM guidelines.
- Ground water quality
interpreted by firm
as per their logger
calibration / G.S.
27/05/23