

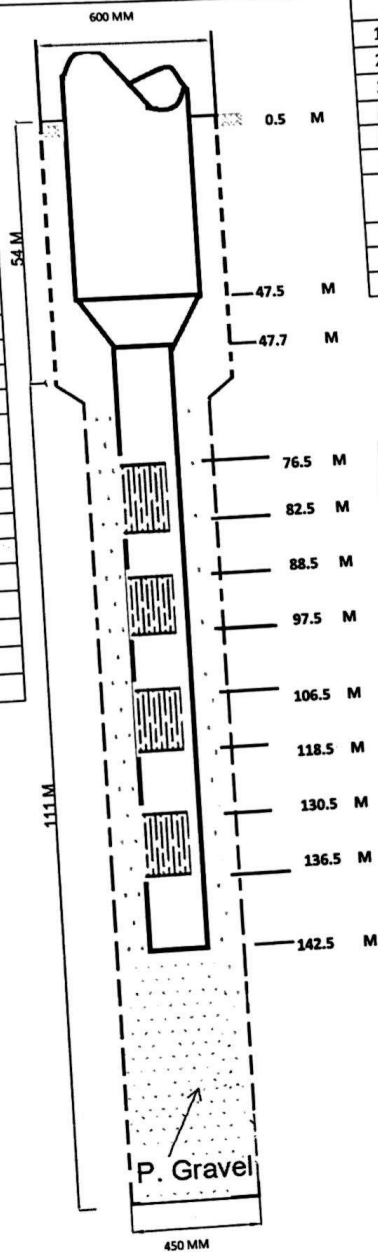
Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. Bhuriya, Block- Mohammadi, 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 :- 803/ED/Phase-2/2023-24/XVIII, Dt. 08.05.2023

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

Strata

0 - 5	M, Surface Soil
5 - 10	M, Dry Sand
10 - 30	M, Clay Kankar
30 - 38	M, Fine to Medium Sand
38 - 44	M, Clay Kankar
44 - 57	M, Medium Sand
57 - 63	M, Clay Kankar
63 - 70	M, Medium Sand
70 - 76	M, Clay Kankar
76 - 83	M, Medium Sand
83 - 87	M, Clay Kankar
87 - 98	M, Medium Sand & Kankar
98 - 105	M, Clay Kankar
105 - 121	M, Medium Sand
121 - 130	M, Clay Kankar
130 - 141	M, Medium Sand
141 - 145	M, Clay Kankar
145 - 151	M, Medium Sand
151 - 155	M, Clay Kankar
155 - 162	M, Medium Sand
162 - 165	M, Clay Kankar



ABSTRACT

	DC/RC
1 Type of Rig Machine	
2 Static Water level	
3 Required Discharge	1100 LPM
4 Bore Size (MM)	600 X 450
5 Assembly Size (MM)	300 X 150
6 Drilling Starting Date	15-05-2023
7 Drilling Completion Date	19-05-2023
8 Total Depth Of Drilling	165 M
9 Logging Date	20-05-2023
10 Logging Depth	165 M

Logging Report

Sl No	Depth (mbgl)	Thickness (m)	Remarks
1	63 - 70	7	(Good All)
2	76 - 83	7	
3	87 - 98	11	
4	105 - 121	16	
5	130 - 141	11	
6	145 - 151	6	
6	155 - 162	7	

Details of Lowered Assembly

11	i)	300	MM Dia Housing Pipe	48.0 M
	ii)	150	MM Dia M. S. Slotted pipe	33.0 M
	iii)	150	MM Dia M. S. Plain pipe	61.8 M
	iv)	300 X 150	MM Dia M S Reducer	0.2 M
Total :-				143.00 Meter
AGL :-				0.50 Meter
BGL :-				142.50 Meter
Date of Lowering :-				21-05-2023
12	Date of Lowering			

Recommended & Prepared by
M/S. NCC Ltd.

Verified by
M/S. Ceinsys Tech Ltd.

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REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BHUDIYA, 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 20.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 = ~~24.70~~ Ohms.

Drilling Water Resistivity = ~~25.62~~ Ohms.

Approx Water Level = 12 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Dry Sand	
3.	10 - 30	20	Clay kankar	
4.	30 - 38	8	Fine to Medium sand	Good
5.	38 - 44	6	Clay kankar	
6.	44 - 57	13	Medium sand	Good
7.	57 - 63	6	Clay kankar	
8.	63 - 70*	7	Medium sand	Good
9.	70 - 76	6	Clay kankar	
10.	76 - 83*	7	Medium sand	Good
11.	83 - 87	4	Clay kankar	
12.	87 - 98*	13	Medium sand & kankar	Good
13.	98 - 104	6	Clay kankar	
14.	104 - 121*	16	Medium sand	Good
15.	121 - 130	9	Clay kankar	
16.	130 - 141*	11	Medium sand	Good
17.	141 - 145	4	Clay kankar	
18.	145 - 151*	6	Medium sand	Good
19.	151 - 155	4	Clay kankar	
20.	155 - 162*	7	Medium sand	Good
21.	162 - 165	3	Clay kankar	

G.Sh
22/05/23

Ground Water Survey Consultancy



Logging performed as per SWSM guidelines. Groundwater quality interpreted by form as per their logger cdib