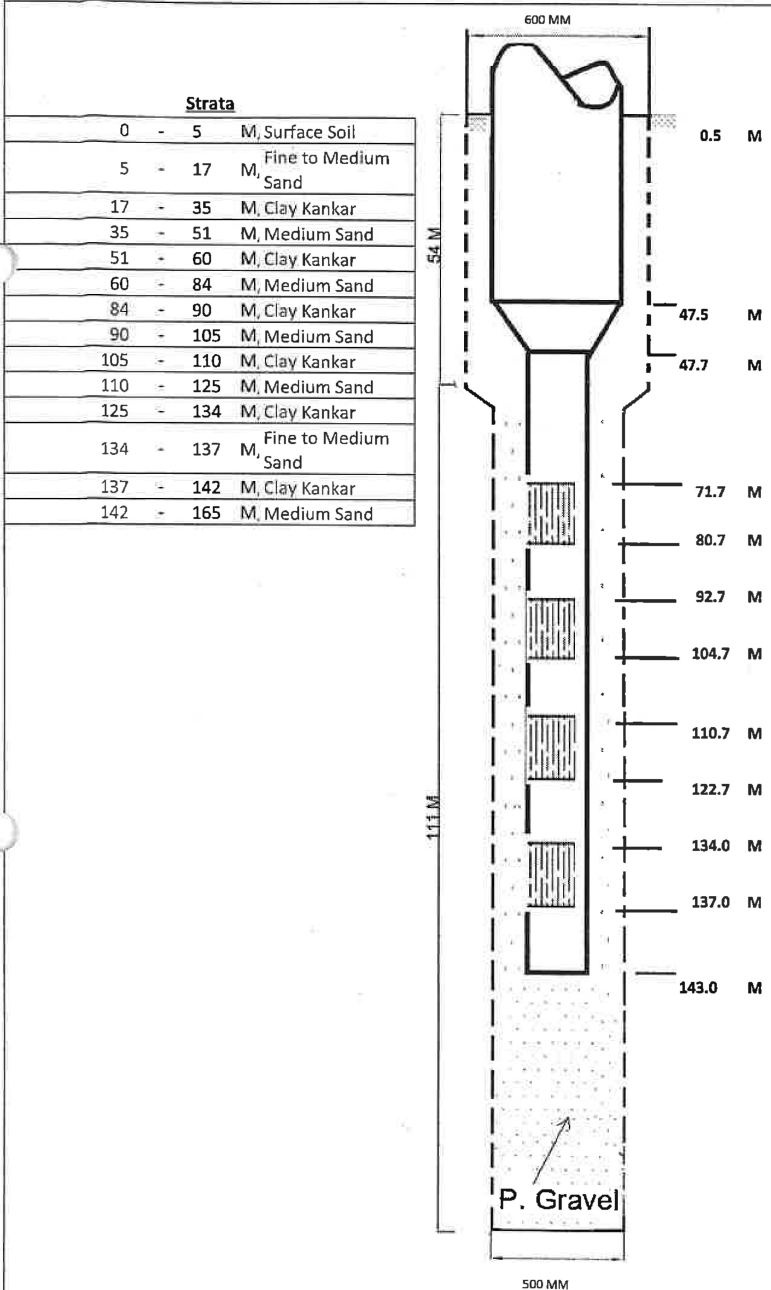


Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. BAILAHA, Block- Nighasan, 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 BAILAHA G.P W/S Scheme District :- Lakhimpur Kheri.



ABSTRACT		
1	Type of Rig Machine	:- DC/RC
2	Static Water level	:-
3	Required Discharge	:- 1450 LPM
4	Bore Size (MM)	:- 600 X 500
5	Assembly Size (MM)	:- 300 X 200
6	Drilling Starting Date	:- 01-06-2023
7	Drilling Completion Date	:- 05-06-2023
8	Total Depth Of Drilling	:- 165 M
9	Logging Date	:- 06-06-2023
10	Logging Depth	:- 165 M

Logging Report			
Sl No	Depth (mbgl)	Thickness (m)	Remarks
1	60 - 64	4	(Good All)
2	71 - 81	10	
3	90 - 105	15	
4	110 - 125	15	
5	134 - 137	3	
6	142 - 165	23	

11 Details of Lowered Assembly			
i)	300	MM Dia Housing Pipe	:- 48.0 M
ii)	200	MM Dia M. S. Slotted pipe	:- 36.0 M
iii)	200	MM Dia M. S. Plain pipe	:- 59.3 M
iv)	300 X 200	MM Dia M S Reducer	0.2 M
		Total	:- 143.50 Meter
		AGL	:- 0.50 Meter
		BGL	:- 143.00 Meter
12	Date of Lowering	:-	07-06-2023



ASHISH KUMAR
 JUNIOR ENGINEER
 DIVISIONAL OFFICE (E&M)
 U.P. JAL NIGAM (R)
 LUCKNOW

Recommended by
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 Divisional officer (E&M)
 U.P. Jal Nigam (R)
 Lucknow

Approved by
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 (R) Lucknow

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BAILHA, BLOCK- NIGHASAN, 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 06.June.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 = ~~26.53~~ Ohms.

Drilling Water Resistivity = ~~27.78~~ Ohms.

Approx Water Level = 5 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 17	12	Fine to Medium sand	Good
3.	17 - 35	18	Clay kankar	
4.	35 - 51	16	Medium sand	Good
5.	51 - 60	9	Clay kankar	
6.	60 - 84*	24	Medium sand	Good
7.	84 - 90	6	Clay kankar	
8.	90 - 105*	15	Medium sand	Good
9.	105 - 110	5	Clay kankar	
10.	110 - 125*	15	Medium sand	Good
11.	125 - 134	9	Clay kankar	
12.	134 - 137*	3	Fine to Medium sand	Good
13.	137 - 142	5	Clay kankar	
14.	142 - 165*	23	Medium sand	Good

SrN06-64-68 (4m)
71-81 (10m)

SrN014 - Kankar
marked.

Ground Water Survey Consultancy



G. Ch
07/06/23

- logging performed as per SWSM guidelines
Groundwater Quality interpreted by firm as per their logger calibration