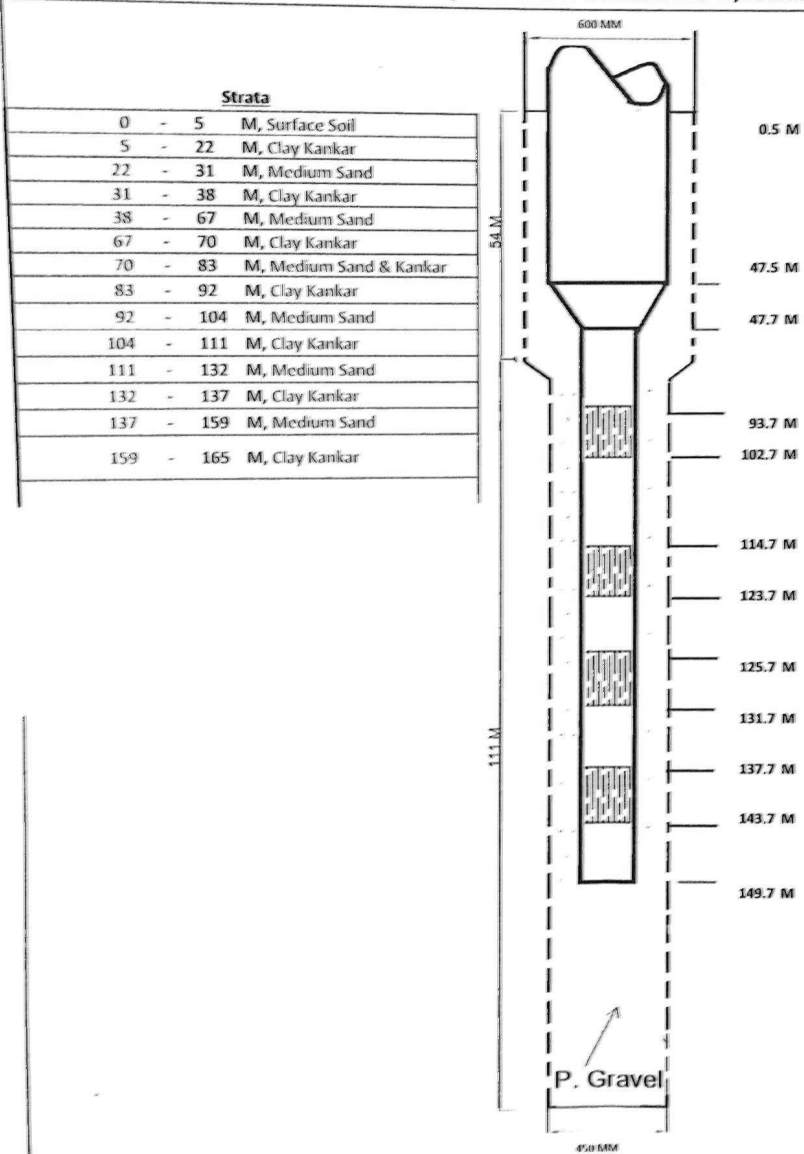


Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. Kaviraha, Block- Ishanagar, 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 :- 321/ED/Phase-2/2022-23/X Dt. 18 Jan 2023

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



ABSTRACT			
1	Type of Rig Machine	:-	DC/RC
2	Static Water level	:-	
3	Required Discharge	:-	880 LPM
4	Bore Size (MM)	:-	600 X 450
5	Assembly Size (MM)	:-	300 X 150
6	Drilling Starting Date	:-	04-07-2023
7	Drilling Completion Date	:-	08-07-2023
8	Total Depth Of Drilling	:-	165 M
9	Logging Date	:-	09-07-2023
10	Logging Depth	:-	165 M

Logging Report				
Sl No	Depth (mbgl)	Thickness (m)	Remarks	
1	38 - 67	29	(Good All)	
2	70 - 83	13		
3	92 - 104	12		
4	111 - 132	21		
5	137 - 159	22		

11 Details of Lowered Assembly			
i)	300	MM Dia Housing Pipe	:- 48.0 M
ii)	150	MM Dia M. S. Slotted pipe	:- 30.0 M
iii)	150	MM Dia M. S. Plain pipe	:- 72.0 M
iv)	300 X 150	MM Dia M S Reducer	0.2 M
Total			:- 150.20 Meter
AGL			:- 0.50 Meter
BGL			:- 149.70 Meter
12	Date of Lowering	:-	10-07-2023

Recommended & Prepared by
M/S. NCC Ltd.

Verified by
M/S. Ceinsys Tech Ltd.

Division Office (E/M) UP Jal Nigam (R) Lucknow
ASHISH KUMAR
 JUNIOR ENGINEER
 DIVISIONAL OFFICE (E&M)
 U.P. JAL NIGAM (R)
 LUCKNOW

Recommended by
Division Office (E/M) UP Jal Nigam (R) Lucknow

Approved by
Division Office (E/M) UP Jal Nigam (R) Lucknow

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KAVIRAHA, BLOCK- ISHANAGAR,
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 09.July.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 = 23.86 Ohms.

Drilling Water Resistivity = 24.43 Ohms.

Approx Water Level = 2 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 22	17	Clay kankar	
3.	22 - 31	9	Medium sand	Good
4.	31 - 38	7	Clay kankar	
5.	38 - 67*	29	Medium sand	Good
6.	67 - 70	3	Clay kankar	
7.	70 - 83*	13	Medium sand & kankar	Good
8.	83 - 92	9	Clay kankar	
9.	92 - 104*	12	Medium sand	Good
10.	104 - 111	7	Clay kankar	
11.	111 - 132*	21	Medium sand	Good
12.	132 - 137	5	Clay kankar	
13.	137 - 159*	22	Medium sand	Good
14.	159 - 165	6	Clay kankar	

Ground Water Survey Consultancy

