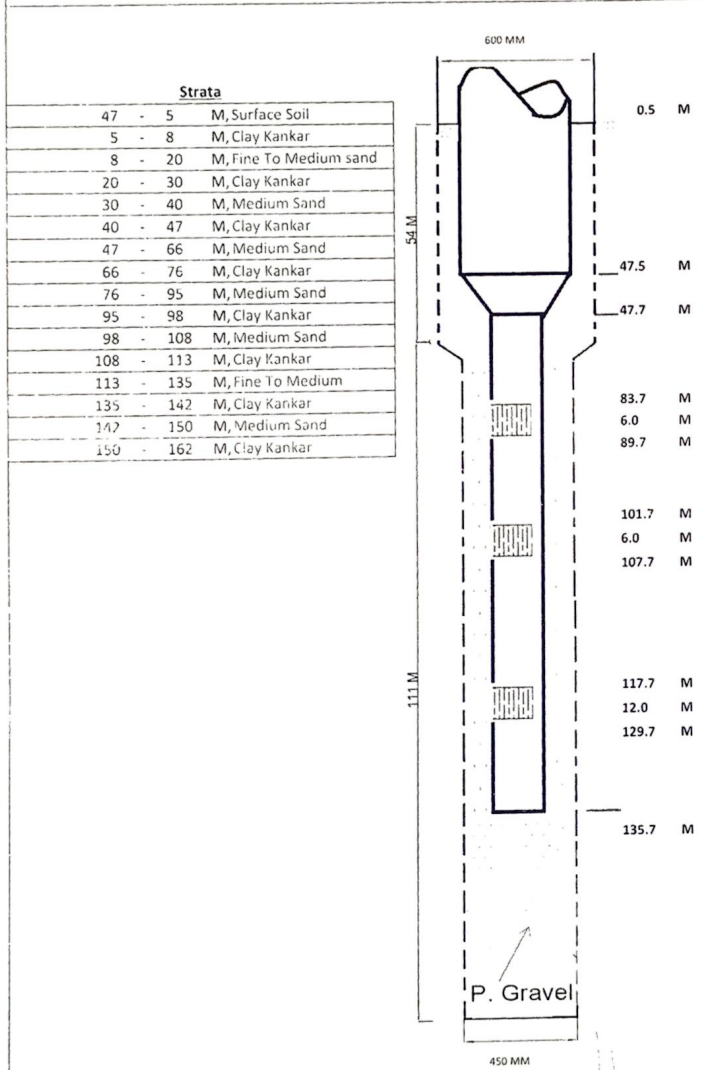


Completion Plan Of Tubewell

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



ABSTRACT			
1	Type of Rig Machine	:-	DC/RC
2	Static Water level	:-	
3	Required Discharge	:-	620 LPM
4	Bore Size (MM)	:-	600 X 450
5	Assembly Size (MM)	:-	300 X 150
6	Drilling Starting Date	:-	02-01-2024
7	Drilling Completion Date	:-	06-01-2024
8	Total Depth Of Drilling	:-	165 M
9	Logging Date	:-	07-01-2024
10	Logging Depth	:-	162 M

Logging Report			
Sl No	Depth (mbgl)	Thickness (m)	Remarks
1	47 - 66	19	All Good
2	76 - 95	19	
3	98 - 108	10	
4	113 - 135	22	

11 Details of Lowered Assembly			
i)	300	MM Dia Housing Pipe	45.0 M
ii)	150	MM Dia M. S. Slotted pipe	24.0 M
iii)	150	MM Dia M. S. Plain pipe	64.0 M
iv)	300 X	MM Dia M S Reducer	0.2 M
Total :-			136.20 Meter
AGL :-			0.50 Meter
BGL :-			135.70 Meter

12	Date of Lowering	:-	12-01-2024
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Recommended & Prepared by

Verified by

Recommended by

Approved by

M/S. NCC Ltd.

M/S. Ceinsys Tech Ltd.

J.E
13th Division UP Jal Nigam (R)
Lucknow

A.E
13th Division UP Jal Nigam (R) Lucknow

E E
13th Division U P Jal Nigam
(R) Lucknow

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- JAMAYATPUR, BLOCK- BANKEYGANJ, DISTT-LAKHIMPUR KHIRI
UNDER

JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 142 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 07.Jan.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 = 18.20 Ohms.

Drilling Water Resistivity = 20.55 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 - 8	3	Clay kankar	
3.	8 - 20	18	Fine to medium sand	
4.	20 - 30	10	Clay kankar	
5.	30 - 40	10	Medium sand	Good
6.	40 - 47	7	Clay kankar	
7.	47 - 66*	19	Medium sand	Good
8.	66 - 76	10	Clay kankar	
9.	76 - 95*	19	Medium sand	Good
10.	95 - 98	3	Clay kankar	
11.	98 - 108*	10	Medium sand	Good
12.	108 - 113	5	Clay kankar	
13.	113 - 135*	22	Medium sand	Good
14.	135 - 142	7	Clay kankar	

Ground Water Survey Consultancy
Agra

