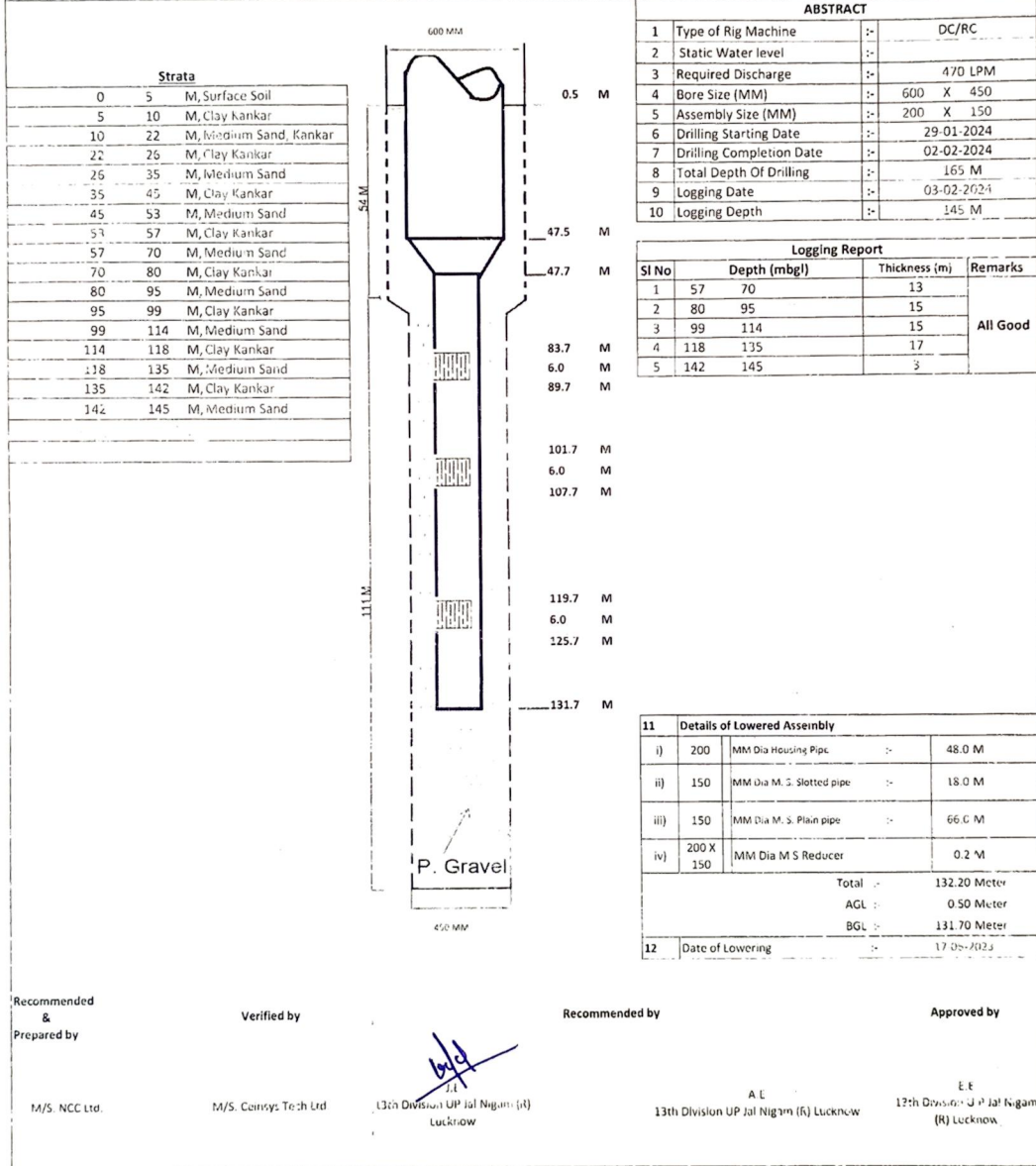


Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. Sita Rampur Grant 3, Block- Bankegan], District, Lakhimpur Kheri.
 Name Of Program :- J. J. M-2 **20k-1**
 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 :- 711/ED/Phase-2/2023-24/XVII, Dt. 05.04 2023

Lowered Assembly Chart of T. W of Sita Rampur Grant 3 G.P W/S Scheme District :- Lakhimpur Kheri.



REPORT ON GEOPHYSICAL WELL LOGGING
AT
GRAM PANCHAYAT- SITA RAMPUR GRANT NO- 3, BLOCK- BANKEYGANJ,
DISTT-LAKHIMPUR KHIRI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 145 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 03.Feb.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 = 33.95 Ohms.

Drilling Water Resistivity = 35.28 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 - 10	5	Clay kankar	
3.	10 - 22	12	Medium sand & kankar	Good
4.	22 - 26	4	Clay kankar	
5.	26 - 35	9	Medium sand	Good
6.	35 - 45	10	Clay kankar	
7.	45 - 53	8	Medium sand	Good
8.	53 - 57	4	Clay kankar	
9.	57 - 70*	13	Medium sand	Good
10.	70 - 80	10	Clay kankar	
11.	80 - 95*	15	Medium sand	Good
12.	95 - 99	4	Clay kankar	
13.	99 - 114*	15	Medium sand	Good
14.	114 - 118	4	Clay kankar	
15.	118 - 135*	17	Medium sand	Good
16.	135 - 142	7	Clay kankar	
17.	142 - 145*	3	Medium sand	Good

Ground Water Survey Consultancy

