

**Completion Plan Of Tubewell**

Name Of Work :- Construction of T. W. of G.P. Mirzapoor, Block- Ishanagar, District, Lakhimpur Kheri. *zone-2*

Name Of Program :- J. J. M-2

Name of client :- S.W.S.M. & U.P. JAL NIGAM ( R )

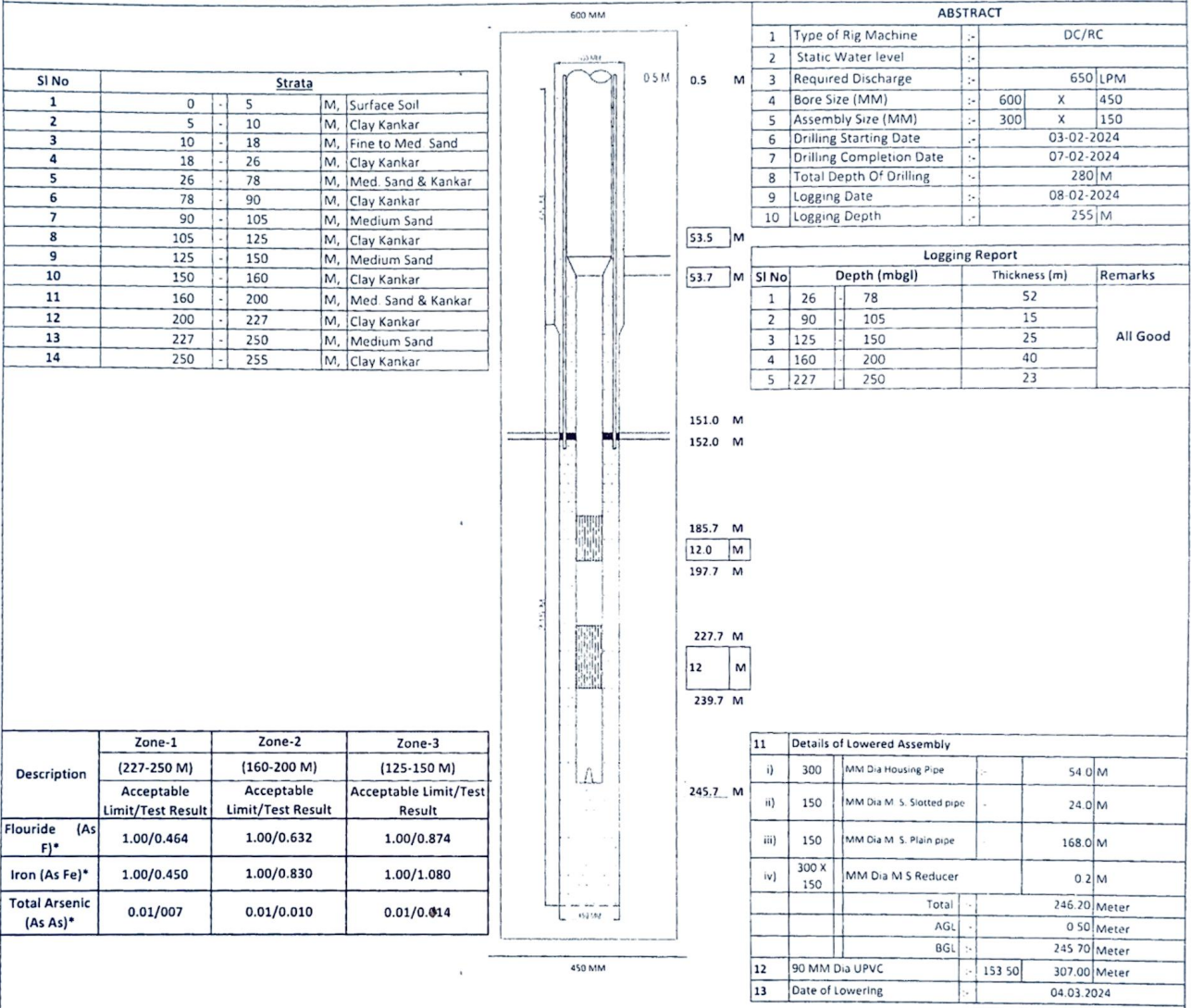
Name Of Contractor :- M/S NCC Limited

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 Mirzapoor G.P W/S Scheme District :- Lakhimpur Kheri.



Recommended & Prepared by

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**REPORT ON GEOPHYSICAL WELL LOGGING**  
**AT**  
GRAM PANCHAYAT- MIRZAPUR MALLAPUR ZONE 2, BLOCK- ISHANAGAR,  
DISTT-LAKHIMPUR KHIRI  
**UNDER**  
**JAL JIVAN MISSION**

**Introduction :**

A Deep bore hole was drilled 280 mtrs. depth. and Logged depth 255 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 08.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:-

Location = Mirzapur Mallapur zone 2

Latitude = 27.856631666666665°

Longitude = 81.24008333333333°

Mud Resistivity = 34.42 Ohms.

Drilling Water Resistivity = 32.70 Ohms.

Approx Water Level = 3 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 - 18	8	Fine to medium sand	Good
4.	18 - 26	8	Clay kankar	
5.	26 - 78*	52	Medium sand & kankar	Good
6.	78 - 90	12	Clay kankar	
7.	90 - 105*	15	Medium sand	Good
8.	105 - 125	20	Clay kankar	
9.	125 - 150*	25	Medium sand	Good
10.	150 - 160	10	Clay kankar	
11.	160 - 200*	40	Medium sand & kankar	Good
12.	200 - 227	27	Clay kankar	
13.	227 - 250*	23	Medium sand	Good
14.	250 - 255*	5	Clay kankar	

Ground Water Survey Consultancy  
Agra

