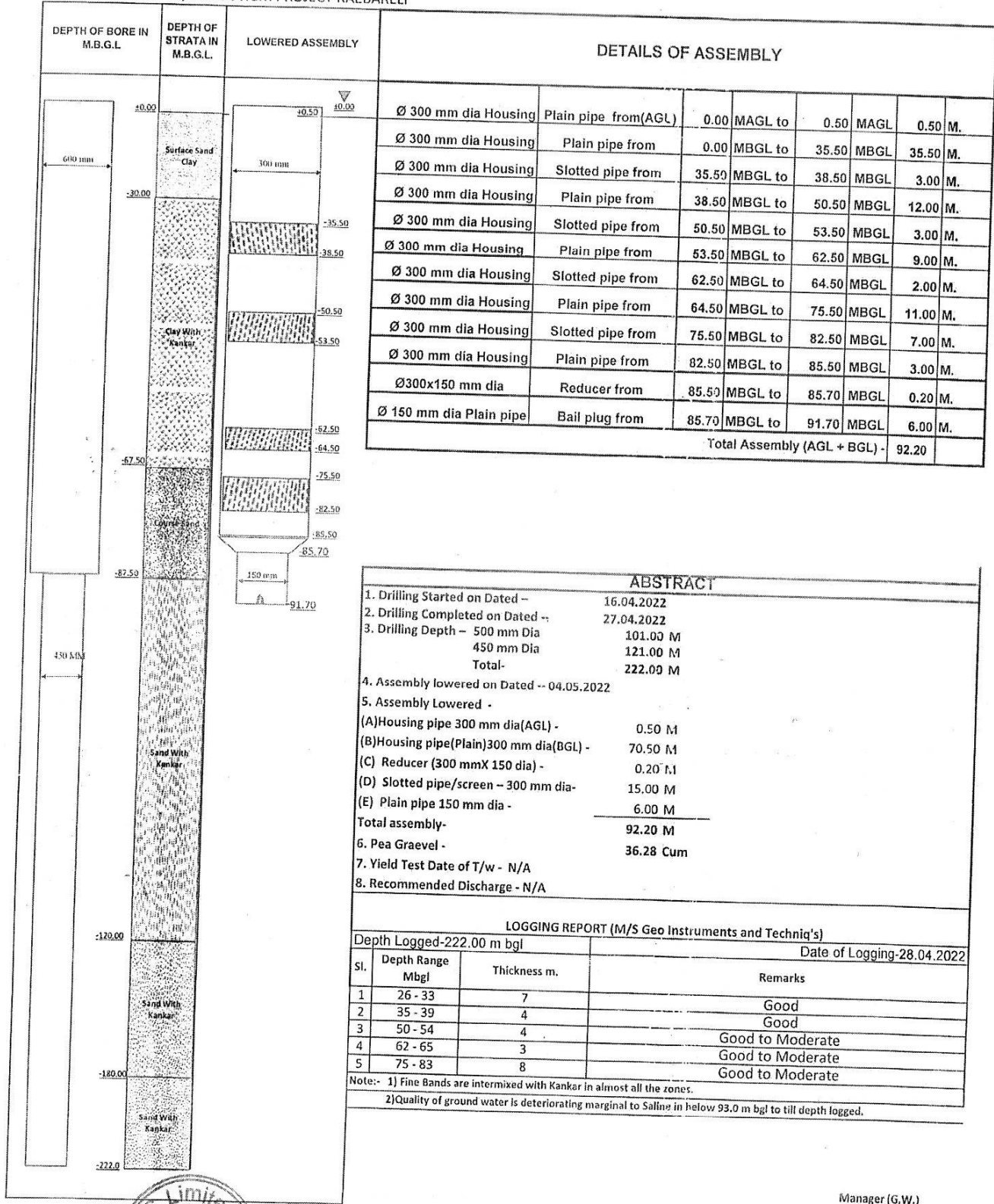


**OFFICE OF THE EXECUTIVE ENGINEER
XIII DIVISION (E/M), U.P. JAL NIGAM, LUCKNOW**

Lowered Assembly Plan-Janai, BLOCK-Maharajanj UNDER JJM PHASE-II-(237/40)
Type of Rig Machine- D. C RIG MACHINE
Contractor Name - M/S NCC SWSM PROJECT RAEBARELI

District - Raebareli
Static W/L-



ABSTRACT	
1. Drilling Started on Dated -	16.04.2022
2. Drilling Completed on Dated --	27.04.2022
3. Drilling Depth - 500 mm Dia	101.00 M
450 mm Dia	121.00 M
Total-	222.00 M
4. Assembly lowered on Dated --	04.05.2022
5. Assembly Lowered -	
(A) Housing pipe 300 mm dia (AGL) -	0.50 M
(B) Housing pipe (Plain) 300 mm dia (BGL) -	70.50 M
(C) Reducer (300 mm X 150 dia) -	0.20 M
(D) Slotted pipe/screen - 300 mm dia -	15.00 M
(E) Plain pipe 150 mm dia -	6.00 M
Total assembly-	92.20 M
6. Pea Graavel -	36.28 Cum
7. Yield Test Date of T/w -	N/A
8. Recommended Discharge -	N/A

LOGGING REPORT (M/S Geo Instruments and Techniq's)			
Depth Logged-222.00 m bgl			Date of Logging-28.04.2022
Sl.	Depth Range Mbgf	Thickness m.	Remarks
1	26 - 33	7	Good
2	35 - 39	4	Good
3	50 - 54	4	Good to Moderate
4	62 - 65	3	Good to Moderate
5	75 - 83	8	Good to Moderate

Note:- 1) Fine Bands are intermixed with Kankar in almost all the zones.
2) Quality of ground water is deteriorating marginal to Saline in below 93.0 m bgl to till depth logged.

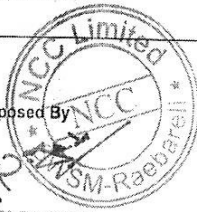
Manager (G.W.)

Prepared & Proposed By:
M/S NCC, PROJECT (SWSM-Raebareli)

Checked By:
Junior Engineer (UPJN)

Recommended By:
Assistant Engineer (UPJN)

Approved By:
Executive Engineer (UPJN)



GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:22-23:LS: 34

Dated: 30-04-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Janai**
Block: **Mahrajganj**
District: **Raebareli**
State: **Uttar Pradesh**
Drilling depth: **225.0 m bgl**
Logging depth: **222.0 m bgl**
Date of logging: **28-04-2022**
Rm **-8.0 Ω m** Rw **- 10.0 Ω m**

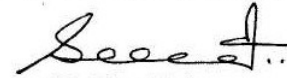
Borewell Drilled By: **NCC Limited, Raebareli, Uttar Pradesh.**

Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral 6'** Geophysical Logs, following informations/granular zones have been deciphered:

Sl. No.	Depth Range (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	26 - 33	07	Good
2.	35 - 39	04	Good
3.	50 - 54	04	Good to Moderate
4.	62 - 65	03	Good to Moderate
5.	75 - 83	08	Good to Moderate

Note: **1. Fine bands of Kankar are intermixed with almost all the Zones.**
2. Quality of Ground Water is deteriorating Marginal to Saline below 93.0 m bgl to till depth logged.

For Geo Instruments & Technic's


(S. Shukla)

Verified as per logs provided.

G. S. H.
ASSISTANT HYDROGEOLOGIST
YANTRIK MANDAL
UGOL PISA (RURAL)
PRAYAGRAJ