

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

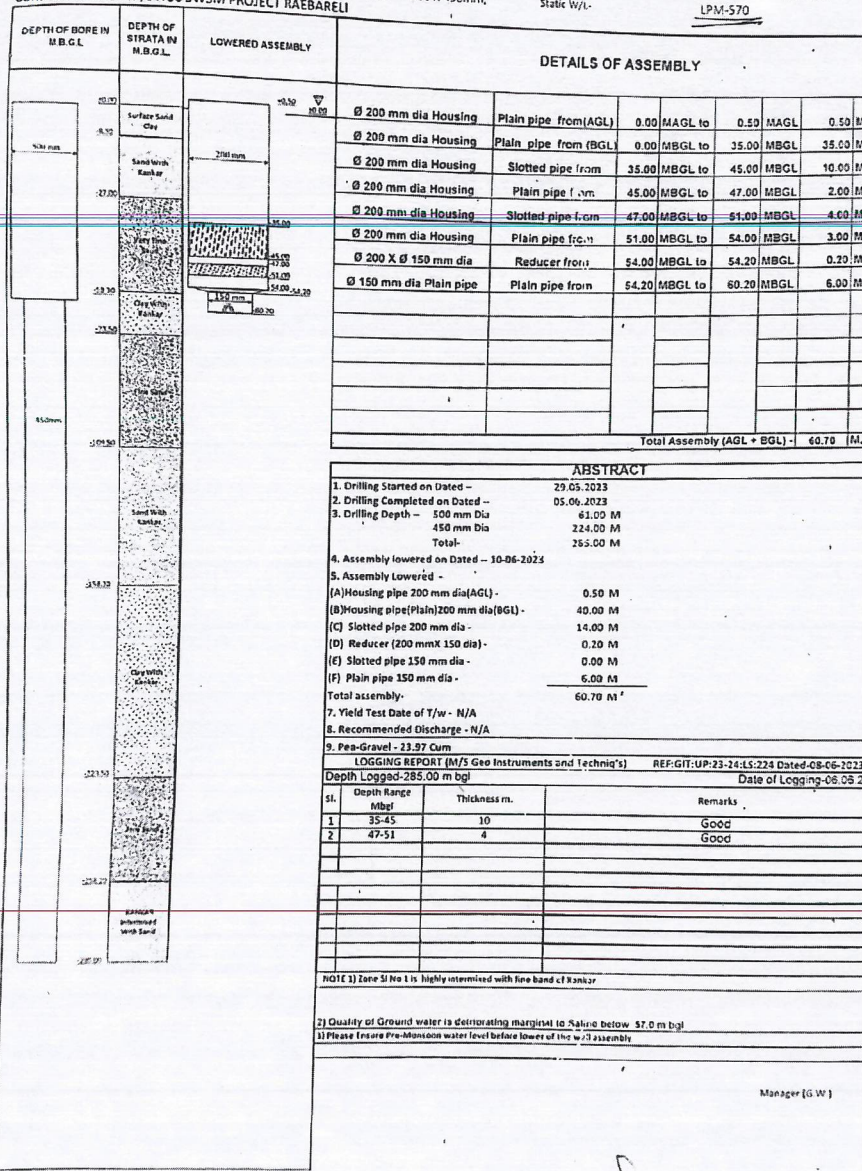
Lowered Assembly Plan-Karemuva, BLOCK-Salon UNDER JIM PHASE-II-(638/ 17)  
Type of Rig Machine- D. C RIG MACHINE  
Contractor Name - M/S NCC SWSM PROJECT RAEBARELI

Size of Bore - 500 X 450mm.

Static W/L-

District -  
LPM-570

Raebareli



1. Drilling Started on Dated -	29.05.2023
2. Drilling Completed on Dated -	05.06.2023
3. Drilling Depth -	500 mm Dia
	450 mm Dia
Total-	155.00 M
4. Assembly lowered on Dated -	10-06-2023
5. Assembly Lowered -	
(A) Housing pipe 200 mm dia (AGL) -	0.50 M
(B) Housing pipe (Plain) 200 mm dia (BGL) -	40.00 M
(C) Slotted pipe 200 mm dia -	14.00 M
(D) Reducer (200 mm x 150 mm dia) -	0.20 M
(E) Slotted pipe 150 mm dia -	0.00 M
(F) Plain pipe 150 mm dia -	6.00 M
Total assembly -	60.70 M
7. Yield Test Date of T/w -	N/A
8. Recommended Discharge -	N/A
9. Pea-Gravel -	23.97 Cum

Sl.	Depth Range (Mbgf)	Thickness (m)	Remarks
1	35-45	10	Good
2	47-51	4	Good

NOTE 1) Zone S1 No 1 is highly intermixed with fine band of kankar  
2) Quality of Ground water is deteriorating marginal to Saline below 57.0 m bgl  
3) Please ensure Pre-Monsoon water level before lower of the w/s assembly

Manager (S W)

Prepared & Proposed By  
*[Signature]*  
M/S NCC,  
PROJECT (SWSM-Raebareli)

Checked By  
*[Signature]*  
J.P.A.  
(CEINSYS)

Checked By  
*[Signature]*  
Junior Engineer  
(UP/J)

Recommended By  
*[Signature]*  
Assistant Engineer  
(UP/J)

Approved By  
*[Signature]*  
Executive Engineer  
(UP/J)

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# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: 23-24:LS: 224  
Dated: 08-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Karemuva  
Block: Salon  
District: Raebareli  
State: Uttar Pradesh  
Drilling depth: 290.0 m bgl  
Logging depth: 285.0 m bgl  
Date of logging: 06-06-2023  
Rm - 8.5  $\Omega$ m Rw - 8.5  $\Omega$ m

Borewell Drilled By: M/s NCC Limited. Raebareli, U.P.

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 with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	35 - 45	10	Good
2.	47 - 51	04	Good

Note: 1. Zone Sl. No. 1 is highly intermixed with fine bands of kankar.

2. Quality of ground water is deteriorating marginal to saline below 57.0 m bgl to till depth logged.

3. Please ensure pre-monsoon water level before lower the well assembly.

*Verified as per logs provided.*

*Gish  
08/06/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)