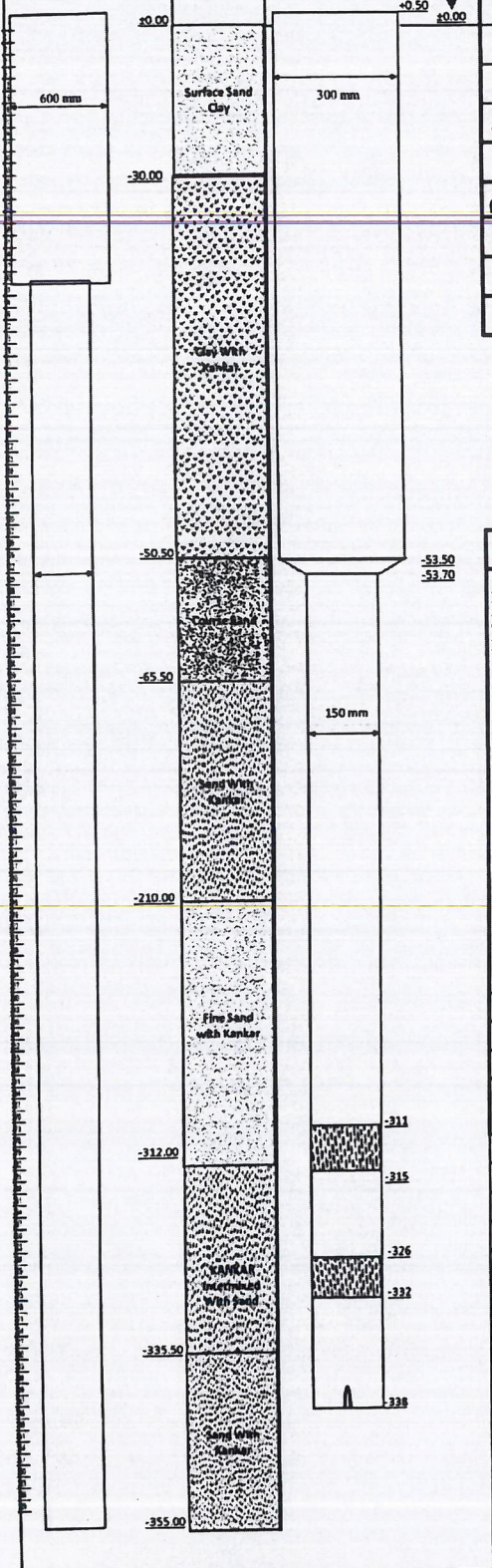


OFFICE OF THE EXECUTIVE ENGINEER XIII DIVISION (E/M), U.P. JAL NIGAM, LUCKNOW

Lowered Assembly Mukhdumpur, BLOCK-Amawan UNDER JJM PHASE-II-(131/24)
Type of Rig Machine- D. C RIG MACHINE Size of Bore - 500 X 450mm,
Contractor Name - M/S NCC SWSM PROJECT RAEBARELI

District - Raebareli

DEPTH OF BORE IN M.B.G.L	DEPTH OF STRATA IN M.B.G.L	LOWERED ASSEMBLY	DETAILS OF ASSEMBLY							
		+0.50 +0.00	Ø 300 mm dia Housing	Plain pipe from(AGL)	0.00	MAGL to	0.50	MAGL	0.50	M.
			Ø 300 mm dia Housing	Plain pipe from (BGL)	0.00	MBGL to	53.50	MBGL	53.50	M.
			Ø 300 X Ø 150 mm dia	Reducer from	53.50	MBGL to	53.70	MBGL	0.20	M.
			Ø 150 mm dia Plain pipe	Plain pipe from	53.70	MBGL to	311.00	MBGL	257.30	M.
			Ø 150 mm dia Plain pipe	Slotted pipe from	311.00	MBGL to	315.00	MBGL	4.00	M.
			Ø 150 mm dia Plain pipe	Plain pipe from	315.00	MBGL to	326.00	MBGL	11.00	M.
			Ø 150 mm dia Plain pipe	Slotted pipe from	326.00	MBGL to	332.00	MBGL	6.00	M.
			Ø 150 mm dia Plain pipe	Plain pipe from	332.00	MBGL to	338.00	MBGL	6.00	M.
Total Assembly (AGL+BGL)									338.50	



ABSTRACT	
1. Drilling Started on Dated -	28.02.2022
2. Drilling Completed on Dated -	09.03.2022
3. Drilling Depth - 600 mm Dia	60.00 M
450 mm Dia	295.00 M
Total-	355.00 M
4. Assembly lowered on Dated -	14.03.2022
5. Assembly Lowered -	
(A)Housing pipe 300 mm dia(AGL) -	0.50 M
(B)Housing pipe(Plain)300 mm dia(BGL) -	53.50 M
(D) Reducer (300 mmX 150 dia) -	0.20 M
(E) Slotted pipe/screen - 150 mm dia-	10.00 M
(F) Plain pipe 150 mm dia -	274.30 M
Total assembly-	338.50 M
6. Pea Graevel -	61.76 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-343.00 m bgl			Date of Logging-11.03.2022
Sl.	Depth Range Mbgl	Thickness m.	Remarks
1	12-15	3	Good
2	17-20	3	Good
3	280-288	8	Moderate
4	311-315	4	Moderate
5	326-332	6	Moderate

Note:- 1) Zone Sl.No. 3 to 5 are Intermixed with Kankar
2)Quality of ground water is deteriorating marginal to Saline in between 40.0 to 275.0 m bgl.

Manager (G.W.)

Prepared & Proposed By

NCC
M/S NCC,
PROJECT (SWSM-Raebareli)

Checked By

Junior Engineer/TPIA
(UPJN/CEINSYS)

Recommended By

Assistant Engineer
(UPJN)

Approved By

Executive Engineer
(UPJN)



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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:21-22:LS: 165
Dated: 12-03-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Makdumpur
Block: Amawa
District: Raebareli
State: Uttar Pradesh
Drilling depth: 351.0 m bgl
Logging depth: 343.0 m bgl
Date of logging: 11-03-2022
Rm - 08.0 Ω m Rw - 10.0 Ω m

Tubewell 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 (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	12 - 15	03	Good
2.	17 - 20	03	Good
3.	280 - 288	08	Moderate
4.	311 - 315	04	Moderate
5.	326 - 332	06	Moderate

Note: ~~2.~~ Zones Sl. No. 3 to 5 are intermixed with Kankar.

~~3.~~ Quality of Ground Water is deteriorating marginal to Saline in between 40.0 to 275.0 m bgl.

Verified as per logs provided.

S. S. S. S.
ASSISTANT HYDROGEOLOGIST
9210012000
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

For Geo Instruments & Technic's

(S. Shukla)