

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

Lowered Assembly plan of - RAMPUR KHAS, BLOCK-SHIVGARH UNDER JIM PHASE-II--(131/20)

District

Raebareli

Type of Rig Machine- D. C RIG MACHINE

Size of Bore - 600 X 450mm,

Static W/L-

Contractor Name - M/S NCC SWSM PROJECT RAEBARELI

DEPTH OF BORE IN M.B.G.L.	DEPTH OF STRATA IN M.B.G.L.	LOWERED ASSEMBLY	DETAILS OF ASSEMBLY	
	±0.00	Surface Sand	Ø 300 mm dia Housing Plain pipe from (AGL) 0.00 MAGL to 0.50 MAGL 0.50 M.	
	-09.00	Clay	Ø 300 mm dia Housing Plain pipe from (BGL) 0.00 MBGL to 39.50 MBGL 39.50 M.	
	-28.00	Sand With Kankar	Ø 300 mm dia Pipe Slotted pipe from 39.50 MBGL to 44.50 MBGL 5.00 M.	
	-41.00	Clay With Kankar	Ø 300 mm dia Housing Plain pipe from 44.50 MBGL to 56.50 MBGL 12.00 M.	
	-39.50		Ø 300 mm dia Pipe Slotted pipe from 56.50 MBGL to 59.50 MBGL 3.00 M.	
	-44.50		Ø 300 mm dia Housing Plain pipe from 59.50 MBGL to 70.50 MBGL 11.00 M.	
	-56.50		Ø 300 mm dia Pipe Slotted pipe from 70.50 MBGL to 75.50 MBGL 5.00 M.	
	-59.50		Ø 300 mm dia Housing Plain pipe from 75.50 MBGL to 78.50 MBGL 3.00 M.	
	-70.50		Ø 300 X Ø 150 mm dia Reducer from 78.50 MBGL to 78.70 MBGL 0.20 M.	
	-75.50		Ø 150 mm dia Plain pipe Plain pipe from 78.70 MBGL to 84.70 MBGL 6.00 M.	
	-78.50			
	-84.70			
	-85.00			
			Total Assembly (AGL + BGL) - 85.20 M.	
ABSTRACT				
1. Drilling Started on Dated - 28.02.2022				
2. Drilling Completed on Dated - 07.03.2022				
3. Drilling Depth - 600 mm Dia 95.00 M				
450 mm Dia 250.00 M				
Total- 345.00 M				
4. Assembly lowered on Dated - 11.03.2022				
5. Assembly Lowered -				
(A) Housing pipe 300 mm dia (AGL) - 0.50 M				
(B) Housing pipe (Plain) 300 mm dia (BGL) - 65.50 M				
(D) Reducer (300 mm X 150 dia) - 0.20 M				
(E) Slotted pipe/screen - 300 mm dia - 13.00 M				
(F) Plain pipe 150 mm dia - 6.00 M				
Total assembly- 85.20 M				
6. Pea Graavel - 40.74 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-345.00 Mbgl				
Date of Logging-08.03.2022				
Sl.	Depth Range Mbgl	Thickness m.	Remarks	
1	39 - 45	6	Good	
2	56-60	4		
3	70-76	6		
4	215-221	6	Moderate	
5	255-261	6		
6	305-314	9		
7	325-328	3	Moderate	
8	339-342	3		
Note:-Zone sl.no 1 & 3 are fine sand and intermixed with kankar.				
Note :-Quality of ground water is deteriorating marginal to saline in between 92.0 to 207.0 m bgl.				

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

Checked By
TPIA
(CEINSYS)

Junior Engineer
(UPJN)

Recommended By
Assistant Engineer
(UPJN)

Manager (G.W.)
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: 159
Dated: 09-03-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rampur Khas
Block: Shivgarh
District: Raebareli
State: Uttar Pradesh
Drilling depth: 350.0 m bgl
Logging depth: 345.0 m bgl
Date of logging: 08-03-2022

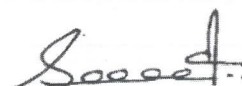
Tubewell Drilled By: NCC Limited, Raebareli, Uttar Pradesh.

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 (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	39 - 45	06	Good
2.	56 - 60	04	Good
3.	70 - 76	06	Good
4.	215 - 221	06	Moderate
5.	255 - 261	06	Moderate
6.	305 - 314	09	Moderate
7.	325 - 328	03	Moderate
8.	339 - 342	03	Moderate

Note: 1. Zone Sl. No. 1 & 3 are Fine Sand and intermixed with Kankar.
2. Quality of Ground Water is deteriorating marginal to Saline in between 92.0 to 207.0 m bgl.

For Geo Instruments & Technic's


(S. Shukla)

Verified as per
logs provided.

ASSISTANT GEOLOGIST
JHARKHAND
UP. AL NIGAM (RURAL)
PRAYAGRAJ

Note- Sr No 3 - 70-74 mbgl may
consider.