

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

Lowered Assembly plan of - GAURI STAON , BLOCK-SATAON UNDER JJM PHASE-II--(131/08)

District

Raebareli

Type of Rig Machine- D. C RIG MACHINE

Size of Bore - 500 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			
500 mm	±0.00	200 mm	+0.50	Ø 200 mm dia Housing	Plain pipe from(AGL)	0.00 MAGL to	0.50 MAGL	0.50 M.	
	-09.00		±0.00	Ø 200 mm dia Housing	Plain pipe from (BGL)	0.00 MBGL to	26.50 MBGL	26.50 M.	
	-22.00		-26.50	Ø 200 mm dia Pipe	Slotted pipe from	26.50 MBGL to	38.50 MBGL	12.00 M.	
				Ø 200 mm dia Housing	Plain pipe from	38.50 MBGL to	52.50 MBGL	14.00 M.	
	-52.50		-54.50	Ø 200 mm dia Pipe	Slotted pipe from	52.50 MBGL to	54.50 MBGL	2.00 M.	
				Ø 200 mm dia Housing	Plain pipe from	54.50 MBGL to	62.50 MBGL	8.00 M.	
	-62.50		-67.50	Ø 200 mm dia Pipe	Slotted pipe from	62.50 MBGL to	67.50 MBGL	5.00 M.	
				Ø 200 mm dia Housing	Plain pipe from	67.50 MBGL to	70.50 MBGL	3.00 M.	
	-70.50		-70.70	Ø 200 X Ø 150 mm dia	Reducer from	70.50 MBGL to	70.70 MBGL	0.20 M.	
				Ø 150 mm dia Plain pipe	Plain pipe from	70.70 MBGL to	76.70 MBGL	6.00 M.	
						Total Assembly (AGL + BGL) - 77.20 M.			
ABSTRACT									
1. Drilling Started on Dated – 15.02.2022									
2. Drilling Completed on Dated -- 24.02.2022									
3. Drilling Depth – 500 mm Dia 85.00 M									
450 mm Dia 259.00 M									
Total- 344.00 M									
4. Assembly lowered on Dated -- 04.03.2022									
5. Assembly Lowered -									
(A)Housing pipe 200 mm dia(AGL) -						0.50 M			
(B)Housing pipe(Plain)200 mm dia(BGL) -						51.50 M			
(D) Reducer (200 mmX 150 dia) -						0.20 M			
(E) Slotted pipe/screen – 200 mm dia-						19.00 M			
(F) Plain pipe 150 mm dia -						6.00 M			
Total assembly-						77.20 M			
6. Pea Graevel -						39.58 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-344.00 m bgl						Date of Logging-25.02.2022			
Sl.	Depth Range Mbgl	Thickness m.	Remarks						
1	20-39	19	Good						
2	52-55	3							
3	62-68	6							
4	270-274	4	Moderate						
5	280-283	3							
6	304-308	4							
7	330-335	5							
Note:-Zone Sl.no 2 is fine sand in nature.									
Note :-Zones Sl.no 1 and 5 to 7 are intermixed with kankar.									
Note :-Quality of ground water is deteriorating marginal to saline in between 77.0 to 265.0 m bgl.									

Prepared & Proposed By

Checked By

Recommended By

Manager (G.W.)

Approved By

M/S NCC,
PROJECT (SWSM-Raebareli)

TPIA
(CEINSYS)

Junior Engineer
(UPJN)

Assistant Engineer
(UPJN)

Executive Engineer
(UPJN)

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: 137

Dated: 26-02-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Gauri Sataon
Block: Sataon
District: Raibareilly
State: Uttar Pradesh
Drilling depth: 352.0 m bgl
Logging depth: 344.0 m bgl
Date of logging: 25-02-2022
Rm -20.0 Ω m Rw - 17.5 Ω m

Tubewell Drilled By: NCC Limited, Raibareilly, 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.	20 - 39	19	Good
2.	52 - 55	03	Good
3.	62 - 68	06	Good
4.	270 - 274	04	Moderate
5.	280 - 283	03	Moderate
6.	304 - 308	04	Moderate
7.	330 - 335	05	Moderate

Note: 1. Zone Sl. No. 2 is Fine Sand in nature.

2. Zones Sl. No. 1 and 5 to 7 are intermixed with Kankar.

2. Quality of Ground Water is deteriorating marginal to Saline in between 77.0 to 265.0 m bgl.

Verified as per
logs provided.

4.5m
ASSISTANT HYDROGEOLOGIST
02 JANTRIKIMANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

For Geo Instruments & Technic's


(S. Shukla)