

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

Lowered Assembly plan of - Uchauri, BLOCK-Bachrawan UNDER JJM PHASE-II - (133/22)

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																
	10.00	+0.50	Ø 300 mm dia Housing Plain pipe from (AGL) 0.00 MAGL to 0.50 MAGL 0.50 M.																
	-02.00	10.00	Ø 300 mm dia Housing Plain pipe from (BGL) 0.00 MBGL to 27.50 MBGL 27.50 M.																
	-12.00	100 mm	Ø 300 mm dia Pipe Slotted pipe from 27.50 MBGL to 31.50 MBGL 4.00 M.																
	-18.00		Ø 300 mm dia Housing Plain pipe from 31.50 MBGL to 35.50 MBGL 4.00 M.																
	-31.00		Ø 300 mm dia Pipe Slotted pipe from 35.50 MBGL to 41.50 MBGL 6.00 M.																
	-31.00	-27.50	Ø 300 mm dia Housing Plain pipe from 41.50 MBGL to 44.50 MBGL 3.00 M.																
	-40.00	-31.50	Ø 300 X Ø 150 mm dia Reducer from 44.50 MBGL to 44.70 MBGL 0.20 M.																
	-48.00	-35.50	Ø 150 mm dia Plain pipe Plain pipe from 44.70 MBGL to 50.70 MBGL 6.00 M.																
	-48.00	-41.50	Total Assembly (AGL + BGL) - 51.20 M.																
	-48.00	-44.50																	
	-48.00	-44.70																	
	-48.00	-50.7																	
	-268.00		ABSTRACT																
	-267.00		1. Drilling Started on Dated - 17.03.2022																
	-267.00		2. Drilling Completed on Dated - 28.03.2022																
	-267.00		3. Drilling Depth - 600 mm Dia 55.00 M																
	-267.00		450 mm Dia 296.00 M																
	-267.00		Total- 351.00 M																
	-267.00		4. Assembly lowered on Dated - 31.03.2021																
	-267.00		5. Assembly Lowered -																
	-267.00		(A) Housing pipe 300 mm dia (AGL) - 0.50 M																
	-267.00		(B) Housing pipe (Plain) 300 mm dia (BGL) - 34.50 M																
	-267.00		(D) Reducer (300 mm X 150 dia) - 0.20 M																
	-267.00		(E) Slotted pipe/screen - 300 mm dia - 10.00 M																
	-267.00		(F) Plain pipe 150 mm dia - 6.00 M																
	-267.00		Total assembly - 51.20 M																
	-267.00		6. Yield Test Date of T/w - N/A																
	-267.00		7. Recommended Discharge - N/A																
	-267.00		LOGGING REPORT (M/S Geo Instruments and Techniq's)																
	-267.00		Date of Logging - 27.03.2022																
	-267.00		Depth Logged - 351.00 m bgl																
	-267.00		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Sl.</th> <th>Depth Range Mbgl</th> <th>Thickness m.</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>27 - 32</td> <td>5</td> <td>Good</td> </tr> <tr> <td>2</td> <td>35 - 42</td> <td>7</td> <td>Good</td> </tr> <tr> <td>3</td> <td>315 - 322</td> <td>7</td> <td>Moderate</td> </tr> </tbody> </table>	Sl.	Depth Range Mbgl	Thickness m.	Remarks	1	27 - 32	5	Good	2	35 - 42	7	Good	3	315 - 322	7	Moderate
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	-267.00		Note:- Fine bands kankar are intermixed with Zone Sl. No.3.																
	-267.00		Note:- Quality of ground water is deteriorating marginal to saline in between 88.0 to 302.0 m bgl.																
	-267.00		Manager (G.W.)																



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: 181
Dated: 28-03-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Uchauri
Block: Bachrawan
District: Raibareilly
State: Uttar Pradesh
Drilling depth: 355.0 m bgl
Logging depth: 351.0 m bgl
Date of logging: 27-03-2022
Rm - 21.0 Ω m Rw - 40.0 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 (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	27 - 32	05	Good
2.	35 - 42	07	Good
3.	315 - 322	07.	Moderate

Note: ~~2.~~ Fine bands of Kankar are intermixed with Zone Sl. No. 3.
~~3.~~ Quality of Ground Water is deteriorating marginal to Saline in between 88.0 to 302.0 m bgl.

For Geo Instruments & Technic's

Verified as per logs provided.

S. Shukla
(S. Shukla)

ASSISTANT HYDROGEOLOGIST
YANTRIK MANDAL
UPBALI (RURAL)
PRAYAGRAJ