

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

Completion plan of - ATWAN WSS , BLOCK- DIH UNDER JJM PHASE-II--(134/05)

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																																																
	±0.00	+0.50 ±0.00	Ø 200 mm dia Housing Plain pipe from(AGL) 0.00 MAGL to 0.50 MAGL 0.50 M.																																																
	-09.00		Ø 200 mm dia Housing Plain pipe from (BGL) 0.00 MBGL to 53.50 MBGL 53.50 M.																																																
	-18.00	200 mm	Ø 200 X Ø 150 mm dia Reducer from 53.50 MBGL to 53.70 MBGL 0.20 M.																																																
			Ø 150 mm dia Pipe Plain pipe from 53.70 MBGL to 250.50 MBGL 196.80 M.																																																
			Ø 150 mm dia Pipe Slotted pipe from 250.50 MBGL to 255.50 MBGL 5.00 M.																																																
			Ø 150 mm dia Pipe Plain pipe from 255.50 MBGL to 263.50 MBGL 8.00 M.																																																
		-53.50 -53.70	Ø 150 mm dia Pipe Slotted pipe from 263.50 MBGL to 268.50 MBGL 5.00 M.																																																
			Ø 150 mm dia Pipe Plain pipe from 268.50 MBGL to 288.50 MBGL 20.00 M.																																																
	-77.00	150 mm	Ø 150 mm dia Pipe Slotted pipe from 288.50 MBGL to 291.50 MBGL 3.00 M.																																																
			Ø 150 mm dia Pipe Plain pipe from 291.50 MBGL to 295.50 MBGL 4.00 M.																																																
			Ø 150 mm dia Pipe Slotted pipe from 295.50 MBGL to 301.50 MBGL 6.00 M.																																																
			Ø 150 mm dia Pipe Bail Plug from 301.50 MBGL to 307.50 MBGL 6.00 M.																																																
	-109.00		Total Assembly (AGL + BGL) - 308.00 M.																																																
			ABSTRACT																																																
			1. Drilling Started on Dated – 06.01.2022																																																
			2. Drilling Completed on Dated – 13-01-2022																																																
			3. Drilling Depth – 500 mm Dia 60.00 M																																																
			450 mm Dia 290.00 M																																																
			Total- 350.00 M																																																
			4.Assembly lowered on Dated-- 19.01.2022																																																
			5. Assembly Lowered -																																																
			(A)Housing pipe 200 mm dia(AGL) - 0.50 M																																																
			(B)Housing pipe(Plain)200 mm dia(BGL) - 53.50 M																																																
			(D) Reducer (200 mmX 150 dia) - 0.20 M																																																
			(E) Slotted pipe/screen – 150 mm dia- 19.00 M																																																
			(F) Plain pipe 150 mm dia - 234.80 M																																																
			Total assembly- 308.00 M																																																
			6. Pea Graevel Consumed - 62.01 Cum																																																
			7. Yield Test Date of T/w - N/A																																																
			8. Recommended Discharge - N/A																																																
			LOGGING REPORT																																																
			Depth Logged-348.00 Mbgl Date of Logging-14.01.2022																																																
			<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>20 - 24</td><td>4</td><td>Good</td></tr> <tr><td>2</td><td>30 - 33</td><td>3</td><td>Good</td></tr> <tr><td>3</td><td>46 - 51</td><td>5</td><td>Good</td></tr> <tr><td>4</td><td>72 - 76</td><td>4</td><td>Moderate</td></tr> <tr><td>5</td><td>219 - 225</td><td>6</td><td>Moderate</td></tr> <tr><td>6</td><td>250 - 256</td><td>6</td><td>Moderate</td></tr> <tr><td>7</td><td>263 - 269</td><td>6</td><td>Moderate</td></tr> <tr><td>8</td><td>288 - 292</td><td>4</td><td>Moderate</td></tr> <tr><td>9</td><td>295 - 302</td><td>7</td><td>Moderate to Marginal</td></tr> <tr><td>10</td><td>315 - 323</td><td>8</td><td>Marginal</td></tr> <tr><td>11</td><td>326 - 330</td><td>4</td><td>Marginal</td></tr> </tbody> </table>	Sl.	Depth Range Mbgl	Thickness m.	Remarks	1	20 - 24	4	Good	2	30 - 33	3	Good	3	46 - 51	5	Good	4	72 - 76	4	Moderate	5	219 - 225	6	Moderate	6	250 - 256	6	Moderate	7	263 - 269	6	Moderate	8	288 - 292	4	Moderate	9	295 - 302	7	Moderate to Marginal	10	315 - 323	8	Marginal	11	326 - 330	4	Marginal
Sl.	Depth Range Mbgl	Thickness m.	Remarks																																																
1	20 - 24	4	Good																																																
2	30 - 33	3	Good																																																
3	46 - 51	5	Good																																																
4	72 - 76	4	Moderate																																																
5	219 - 225	6	Moderate																																																
6	250 - 256	6	Moderate																																																
7	263 - 269	6	Moderate																																																
8	288 - 292	4	Moderate																																																
9	295 - 302	7	Moderate to Marginal																																																
10	315 - 323	8	Marginal																																																
11	326 - 330	4	Marginal																																																
			Note- 1. Zones Sl. No. 5, 8, 10 and 11 are Fine Sand in Nature																																																
			Note- 2. Zones Sl. No. 6 to 11 are intermixed with Kankar																																																
			Note- 3. Quality of Ground Water deteriorating marginal to saline in between 110.0 to 210.0 mbgl																																																
			Manager (G.W.)																																																

M. A. J.

M. A. J.

April

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: 57

Dated: 15-01-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Atwan
Block: Deeh
District: Raibareilly
State: Uttar Pradesh
Drilling depth: 350.0 m bgl
Logging depth: 348.0 m bgl
Date of Logging: 14-01-2022

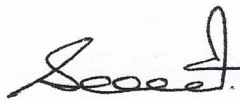
Tubewell Drilled By: NCC Limited, Raibareilly, Uttar Pradesh.

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 - 24	04	Good
2.	30 - 33	03	Good
3.	46 - 51	05	Good
4.	72 - 76	04	Moderate
5.	219 - 225	06	Moderate
6.	250 - 256	06	Moderate
7.	263 - 269	06	Moderate
8.	288 - 292	04	Moderate
9.	295 - 302	07	Moderate to Marginal
10.	315 - 323	08	Marginal
11.	326 - 330	04	Marginal

- Note: 1. Zones Sl. No. 5, 8, 10 and 11 are Fine Sand in nature.
2. Zones Sl. No. 6 to 11 are intermixed with Kankar.
3. Quality of Ground Water deteriorating marginal to Saline in between 110.0 to 210.0 m bgl.

For Geo Instruments & Technic's


(S. Shukla)

Verified as per logs provided.

G.S.
ASSISTANT HYDROGEOLOGIST
YANTRIK MAIDAN
NIGAM (RURAL)
AVAGRAJ