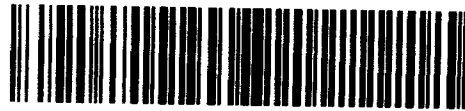




DIAMOND DRILLING



42A10SW0128 17 STOCK

010

TOWNSHIP: stock

REPORT No.: 17

WORK PERFORMED BY: Nahanni Mines Ltd.

<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
P 521336 P 521340	ST-81-1	1095.0	May/81	(1)
P 521349 521351 521353	ST-81-2	1337.0	May/81	(1)
P 521336	ST-81-3	1197.0	June/81	(1)

NOTES: (1) #436-81

11:7
2092
6876

NAHANNI MINES LTD.

INCLINATION TESTS

HOLE NO: ST-81-1

LOCATION: Stock Twp. **GRID:** L24W/6+50S **ELEVATION:**
LENGTH: **HORIZ.:** **VERT.:** **AZIMUTH:** 350° **CORE SIZE:** BQ
RECOVERY: **LOGGED BY:** W. MacRae **DATE:** May 20, 1981

DEPTH	DIP	DEPTH	DIP	DEPTH	DIP
COLLAR	55°	800	25		
164	54°	1050	23.5		
400	42.5°				
600	28°				

PROJECT: Stock Township
STARTED: May 14, 1981
FINISHED: May 28, 1981

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	SAMPLE	ANALYTICAL RESULTS								
					FROM	TO	LENGTH	Cu (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)		
0	164.0	Casing											
164.0	729.0	Argillite	- bedding 25° to 30° to core axis	280	164.0	168.7	4.7						22
		- coarse to fine grained		281	168.7	173.5	4.8						7
		- well bedded fine grained sections are approximately 30% of unit	- 1% recrystallized pyrite cubes throughout section; not restricted to any particular part of the section	282	173.5	178.0	4.5						23
		- light gray to black in color		283	184.4	189.3	4.9						8
		- light green colored, very fine grained section from 401.2 to 420.5 with 15% dark gray sections	- pyrite cubes up to 1/4" on a side	284	193.6	198.6	5.0						7
				285	207.0	211.9	4.9						8
				286	215.6	220.6	5.0						3
				287	224.7	229.7	5.0						7
				288	233.3	238.1	4.8						5
			- 0.5' quartz mass (40% qtz) with chlorite and 2% euhedral pyrite cubes at 337.7	289	242.9	247.8	4.9						16
				290	251.2	256.2	5.0						29
				291	261.1	266.0	4.9						16
				292	269.3	274.1	4.8						5
		X	- 0.25' quartz vein with minor wallrock inclusions and 4% euhedral pyrite cubes on flanks at 342.5	293	279.4	284.4	5.0						27
				294	301.5	306.5	5.0						7
				295	309.7	314.2	4.5						7
		X	- 2" quartz-carbonate vein at 410.0 with no associated sulphides	296	319.0	323.6	4.6						15
				297	335.5	338.1	2.6						181
				298	338.1	339.8	1.7						84
				299	339.8	342.4	2.6						11
		X	- 1.1' quartz mass (60% qtz) with wallrock inclusions but no sulphides at 431.8	300	342.4	344.0	1.6						145
				301	344.0	347.0	3.4						21
			- from 442.7 to 445.0 - 10% quartz veins and masses	302	356.1	361.0	4.9						4
				303	365.7	370.6	4.9						18
			- quartz mass 0.7' wide at 459.7' containing minor fine grained pyrite and chlorite	304	375.2	380.1	4.9						33
				305	393.9	398.8	4.9						27
				306	408.0	413.0	5.0						239
				307	413.0	414.7	1.7						52
				308	428.2	432.9	4.7						609
			- quartz mass 0.4' thick at 483.3 with 20% quartz and 15% euhedral pyrite	309	432.9	434.7	1.8						422
				310	438.9	442.6	3.7						41
				311	442.6	445.0	3.4						37
		X	- 0.5' quartz vein/mass at 499.2' with 10% grayish	312	453.5	455.2	1.7						16
				313	455.2	458.6	3.4						11

NAHANNI MINES LTD.

PROJECT: Stock Twp.

HOLE NO.: ST-81-1

PAGE 2 of 3

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	ANALYTICAL RESULTS								
				SAMPLE	FROM	TO	LENGTH	Cu (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)	
			chlorite	314	483.2	484.7	1.5					7
			- 0.3' quartz vein at 535.9	315	497.0	500.1	3.1					444
			with 1% epidote and 3%	316	511.0	517.0	6.0					25
			chlorite	317	527.0	531.0	4.0					25
729.0	1031.2	Ultramafic breccia/tuff										
		- talcose	- from 729.0 to 736.2 up to	318	535.2	538.0	2.8					33
		- dark to light green in	to 1% arsenopyrite needles	319	549.6	554.6	5.0					77
		color	(1/4" long) and 2-3% pyrite	320	561.0	566.0	5.0					136
		- matrix black in color	as diffuse beds	321	577.8	582.8	5.0					29
		- from 782.0 to 1031.2	- quartz vein from 733.0 to	322	592.1	597.0	4.9					53
		fragment size increases	731.9 with 15% wallrock	323	607.0	612.0	5.0					49
			masses containing sulphides	324	612.0	617.0	5.0					74
			arsenopyrite and minor	325	633.8	638.8	5.0					77
			chlorite	326	656.7	661.0	4.3					48
			- massive white quartz vein	327	672.5	678.4	4.9					45
			from 736.2 to 737.8 with	328	695.5	700.0	4.5					33
			minor chlorite	329	714.4	718.8	4.4					37
			- possible visible gold as	330	727.0	729.0	2.0					88
			very fine grains along a	331	729.0	732.1	3.1					1731
			chlorite mass at 737.4	332	732.1	734.5	2.4					3292
			- from 737.8 to 744.0 possibly	333	734.5	736.9	2.4					478
			trace arsenopyrite as	334	736.9	737.7	0.8					43
			microscopic grains	335	737.7	738.5	0.8					55
			- from 745.0 to 750.1, 5-8%	336	738.5	739.7	1.2					89
			pyrite as small euhedral	337	739.7	744.2	4.5					1773
			grains and finely diss-	338	744.2	750.2	6.0					439
			minated diffuse beds	339	750.2	754.2	4.0					478
			- from 776.9 to 782.0 crushed	340	754.2	759.2	5.0					48
			zone with some solid	341	771.2	776.2	5.0					53
			masses	342	776.2	779.8	3.6					30
			- crushed fault zones from	343	779.8	783.5	3.7					40
			901.8 to 906.9, 913.7 to	344	783.5	787.0	3.5					58
			917.0, 953.0 to 971.7,	345	794.4	799.3	4.9					29
			1008.2 to 1009.2, and	346	799.3	804.2	4.9					23
			1029.6 to 1030.8	347	837.0	842.6	5.6					37
			- 5% quartz-carbonate-	348	857.0	862.0	5.0					81
			serpentine veins less than	349	877.0	882.6	5.6					27
			1/4" across and as random	350	894.9	899.9	5.0					19
			orientation and masses	351	931.8	936.8	5.0					25

NAHANNI MINES LTD.

PROJECT: Stock Twp.

HOLE NO.: ST-81-1

PAGE 3 of 3

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	ANALYTICAL RESULTS								
				SAMPLE	FROM	TO	LENGTH	Cu (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)	
			throughout section	352	968.0	973.0	5.0					22
			- 0.6' quartz vein with	353	998.5	1003.0	4.5					255
			minor chlorite at 1028.5	354	1017.2	1022.2	5.0					29
				355	1022.2	1027.4	5.2					25
				356	1027.4	1030.1	2.7					29
1031.2	1095.0	Ultramafic flows		357	1030.1	1032.7	2.6					33
		- massive with some flow	- spinifex textures suggest-	358	1039.6	1044.4	4.8					4
		top breccias	ing tops downhole from	359	1058.4	1061.1	3.1					4
		- talcose	1080.3 to 1081.2	360	1067.6	1071.9	4.3					4
		- light green in color		361	1086.3	1090.9	4.6					1
		- 10% seroentinization										
		<u>END OF HOLE - 1095.0'</u>										
		<u>Summary</u>										
		Hole ST-81-1 was drilled to establish the presence of										
		gold mineralization in argillites reported by Wright-										
		Hargraves in some pre 1948 drilling. Due to unexpectedly										
		deep overburden the above gold mineralization was not										
		intersected although a 13.2 foot zone averaging 0.011										
		oz/ton Au was intersected at 408.0 feet. Several spot										
		highs (above 100 ppb) were encountered in the argillites.										
		The most significant mineralization occurred in										
		ultramafic tuff at the contact between the volcanics										
		and sediments. A 25.2 foot zone averaging 0.031 oz/ton										
		Au was intersected in a sulphide rich zone.										

NAHANNI MINES LTD.

PROJECT: Stock Twp.

HOLE NO.: ST-81-2

PAGE 2 of 9

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	ANALYTICAL RESULTS								
				SAMPLE	FROM	TO	LENGTH	Cu (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)	
265.0	352.0	Pillowed Andesite Flows										
		- very fine grained	- 1% dark chloritic veinlets	380	265.2	268.7	3.5					4
		- very light green in color	- minor narrow ($\frac{1}{8}$" quartz-	381	268.7	274.3	5.6					3
		- massive	carbonate veins	382	274.3	277.4	3.1					5
			- quartz-carbonate masses in	383	277.4	280.5	3.1					5
			interpillow sites at	384	280.5	284.9	4.4					7
			302.6,	385	284.9	289.6	4.7					11
			303.5,	386	289.6	293.3	3.7					5
			307.8,	387	293.3	297.6	4.3					5
			309.6,	388	297.6	302.3	4.7					5
			313.7,	389	302.3	307.0	4.7					7
			337.1,	390	307.0	312.4	5.4					8
			338.7, and	391	312.4	317.0	4.6					5
			341.5	392	317.0	321.6	4.6					7
			- minor amounts of pyrite as	393	321.6	327.0	5.4					5
			smears on slip faces and	394	327.0	332.2	5.2					7
			5% over 1" in an altered	395	332.2	337.0	4.8					4
			patch with quartz at 280.4	396	337.0	341.8	4.8					4
			- 3% pyrrhotite in veins	397	341.8	347.0	5.2					25
			from 293.8 to 294.5	398	347.0	352.1	5.1					30
			- minor amounts of sulphides									
			at interpillow sites									
352.0	353.85	Quartz vein										
		- pinkish in color	- 3-4% sulphides as chalco-	399	352.1	354.0	1.9					7
		- medium grained	pyrite and sphalerite									
		- massive	(1:2) as masses and a vein									
		- 10% chlorite	like structure									
		- 20% serpentine restricted										
		to near 353.85										
353.85	550.1	Ultramafic Intrusive										
		- massive	from 538.8 to 543.7 up to	400	354.0	357.0	3.0					5
		- dark green in color	1% pyrrhotite as finely	401	357.0	359.4	2.4					5
		- fine grained	disseminated grains	402	359.4	364.0	4.6					12
		- serpentine veinlets and		403	378.1	383.1	5.0					7
		asbestos development		404	406.0	411.0	5.0					7
		- serpentine and carbonate		405	420.9	425.9	5.0					14
		veins become 10% from		406	440.1	445.1	5.0					8
		392.0 to 538.8		407	449.6	454.6	5.0					8
				408	463.8	468.8	5.0					8

NAHANNI MINES LTD.

PROJECT: Stock Twp.

HOLE NO.: ST-81-2

PAGE 3 of 9

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	ANALYTICAL RESULTS									
				SAMPLE	FROM	TO	LENGTH	Cu (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)		
		- from 538.8 to 550.1 the peridotite is a highly serpentinized bleached zone that is white in color		409	478.2	483.3	5.0					5	
				410	487.8	492.9	5.1					10	
				411	511.7	516.6	4.7					5	
				412	535.8	539.9	4.1					359	
				413	539.9	545.0	5.1					5	
550.1	973.0	Pillowed Andesite Flows		414	545.0	550.2	5.2					7	
		- light green in color	- <1% chalcopyrite as fine grains from 552.0 to 554.0	415	550.2	555.1	4.9					5	
		- massive		416	564.2	569.1	4.9					4	
		- fine grained	- 1% pyrrhotite in pillow	417	582.1	585.0	2.9					4	
		- some finer grained sections appear pinkish e.g. 585.5 and 596.5	margins that are 1" or less thick at: 565.0', 565.6', 568.0', 570.7', 571.6', 575.0', 577.8', 581.8', 582.5', 584.6', 586.1', 606.2', 626.2', 643.0', 650.5', 653.5', 667.1', 684.6', 686.8', 687.1', and 712.0'.	418	585.0	588.3	3.3					10	
		- medium grained from 618.4 to 624.1,		419	593.9	597.0	3.1					29	
		633.1 to 637.4,		420	605.9	610.9	5.0					14	
		691.4 to 708.8,		421	625.3	628.7	3.4					4	
		733.3 to 744.8, and		422	637.9	641.2	3.3					5	
		913.0 to 917.0		423	651.7	656.5	4.9					4	
		- pillow margins contain minor carbonate and glassy volcanic shards	- at the following locations the pillow margins are from 1" to 3" and irregular in shape indicating small pillows: 757.1', 757.5', 759.0', 759.9', 760.75', 764.8', 765.4', 767.1', 768.5', 769.0', 770.25', 770.8', 771.0', 773.7', 773.9', 774.2', 774.6', 776.4', 782.1', 783.4', 783.6', 784.2', 784.7', 787.3', 788.1', 788.6', 789.6', 790.2', 791.5', 791.8', 793.5', 795.1', 795.9', 799.7', 801.55', 802.5', 804.4', 805.2', 806.7', 807.1', 809.5', 811.8', 813.0', 815.6', 819.0', 821.0', 822.1', 822.5', 824.1', 826.1', 828.4', 829.3', 836.7',	424	670.3	672.9	2.6						18
				425	683.8	687.0	3.2					23	
				426	687.6	690.2	3.2					16	
				427	711.4	714.5	3.1					12	
				428	715.3	718.3	3.0					15	
				429	729.3	734.2	4.9					4	
				430	749.9	755.0	5.1					16	
				431	767.7	772.8	5.1					4	
				432	781.9	786.8	4.9					5	
				433	791.5	796.4	4.9					5	
				434	797.0	800.0	3.0					2	
				435	801.3	806.2	4.9					4	
				436	820.5	825.4	4.9					16	
				437	831.0	834.7	3.7					11	
				438	834.7	838.0	3.3					11	
				439	839.7	844.2	4.4	4.5				4	
				440	854.3	858.7	4.4	4.5				10	
				441	867.0	872.1	5.1	5.2				4	
				442	884.3	887.6	3.3	3.3				5	
				443	898.6	903.4	4.8	4.9				7	
				444	907.6	912.5	4.9	4.9				4	
				445	912.8	917.0	4.2	4.5				3	
				446	919.1	923.7	4.5	4.5				15	
				447	941.8	946.0	4.2	4.2				16	
				448	957.0	960.4	3.4	3.4				55	

NAHANNI MINES LTD.

PROJECT: Stock Twp.

HOLE NO.: ST-81-2

PAGE 6 of 9

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	ANALYTICAL RESULTS								
				SAMPLE	FROM	TO	LENGTH	Cu (ppm)	Zn (ppm)	Pb (ppm)	Au (ppb)	
			pillow breccia or thick hyaloclastite margin occurs									
			- pillow fragments from 798.1 to 799.1									
			- dendritic carbonate veins (1/16" thick) from 831.4 to 837.6 (15% veining)									
			- 2" carbonate vein containing minor quartz, at 846.0 in a pillow margin									
			- 1/4" carbonate veins (10%) from 846.6 to 866.0 (50° to 90° to core axis)									
			- medium grained section from 913.0 to 917.0 containing minor pyrrhotite as finely disseminated grains									
			- 3% pyrrhotite associated with quartz from 929.4 to 930.2									
			- minor pyrrhotite in 1/4" pillow margin at 957.1									
			- 1" margin at 959.0 contains 30% pyrrhotite as dissem- inated grains									
973.0	1061.2	Basalt flows										
		- medium green in color	- interflow sediments contain	450	979.35	984.2	4.85	4.85				29
		- massive	sulphides and graphite	451	1000.8	1004.8	4.0	4.0				3
		- fine to medium grained	- graphite contains 15%	452	1017.0	1019.0	2.0	2.0				19
		- interflow sediments at 1017.55 (1.4' thick) and 1040.55 (0.3' thick)	pyrite as diffuse beds	453	1039.5	1041.9	2.4	2.4				7
			- 1/4" barren quartz veins at 975.9 and 940.1	454	1056.3	1061.15	4.85	4.85				11
			- minor pyrite associated with 1/16" quartz-carbonate veins (3%) throughout section									
1061.2	1238.8	Ultramafic volcanic breccia										
		- light to dark green in	- 3% pyrite as masses and	455	1061.2	1066.15	4.95	4.95				8

NAHANNI MINES LTD.

PROJECT: Stock Twp.

HOLE NO: ST-81-2

PAGE 7 of 9

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	Sampled Length								
				SAMPLE	FROM	TO	LENGTH	CU (ppm)	ZN (ppm)	AG (ppm)	Au (ppb)	
		color	fracture fillings from	456	1066.9	1071.6	4.7	4.7				15
		- talcose except in variolitic areas	1061.2 to 1083.6	457	1071.6	1076.4	4.8	4.8				15
		- variolitic areas from:	- 2% fractures are 70° to core axis	458	1076.4	1080.8	4.3	4.3				3
		1087.0 to 1088.2,	- from 1111.0 to 1112.1	459	1088.4	1093.3	4.9	4.9				4
		1089.1 to 1090.0,	fragments contain spinifex textures	460	1093.3	1098.0	4.9	4.8				22
		1091.8 to 1092.1, and		461	1107.5	1112.4	4.9	4.9				10
		1094.4 to 1095.1	- 1/16" pyrite band at 1094.6	462	1115.3	1118.1	2.8	2.7				32
		- 5" graphite bed at 1065.0	- 5% pyrite as diffuse bands	463	1118.5	1122.6	4.1	3.1				32
		- carbonate filled breccia from 1064.1 to 1065.0 and 1070.4 to 1072.8	from 1115.8 to 1116.2	464	1127.0	1131.6	4.6	4.2				21
		- 1-2% carbonate masses and veinlets throughout section	- 1-2% finely disseminated pyrite from 1116.2 to 1120.9 with a 3% diffuse pyrite band from 1117.0 to 1119.0	465	1140.5	1147.0	6.5	6.5				19
		- 5% serpentinization		466	1147.0	1151.6	5.0	4.6				22
		veinlets restricted to matrix material throughout section	to 1119.0	467	1164.3	1168.5	4.1	4.0				8
		- 6" chert bed at 1237.2 as a massive hard, gray bed with no sulphides	- fragments containing spinifex textures from 1119.4 to 1120.7 and 1161.7 to 1162.4	468	1187.0	1191.6	4.6	4.6				33
			- crushed zones (faults) from 1146.0 to 1147.0 and 1156.5 to 1157.2 with core very rubbly	469	1196.0	1200.7	4.7	4.6				4
			- 1/4" carbonate vein at 1147.1	470	1205.3	1210.2	4.8	4.8				27
			- crushed zones from 1228.0 to 1231.2 and 1235.1 to 1237.0	471	1219.5	1224.4	4.9	4.9				16
			- shearing at 55° to core axis at 1236.0	472	1228.5	1233.4	4.9	4.7				3
				473	1237.0	1239.0	2.0	2.0				21
1238.8	1242.1	Chert										
		- hard, massive	- 1% pyrite as disseminated grains and lenticular masses	474	1239.0	1241.3	3.35	3.30				7
		- dark to light grey in color										
		- minor carbonate veining	- bedding 40° to core axis									
1242	1287.6	Ultramafic Volcanic Breccia										
		- talcose	- muddy crushed zones from 1261.8 to 1262.1, 1277.7 to 1277.8 and 1278.3 to 1278.6	475	1241.3	1246.5	5.15	5.15				8
		- light to dark green in color		476	1257.5	1262.4	4.95	4.95				82
				477	1267.0	1271.5	4.55	4.55				26

NAHANNI MINES LTD.

PROJECT: Stock Twp.

HOLE NO.: ST-81-3

PAGE 2 of 5

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	ANALYTICAL RESULTS									
				SAMPLE	FROM	TO	LENGTH	-Cu (ppm)	-Zn (ppm)	-Ag (ppm)	Au (ppb)		
431.0	1197.0	Light colored argillite											
		- fine grained	- bedding 62° to core axis	526	431.0	434.9	3.9	3.9					58
		- well bedded	at 454.0'	527	434.9	437.8	2.9	2.1					55
		- light colored beds pre-	- irregular quartz veins	528	445.1	450.1	5.0	5.0					27
		dominant and become up to	containing up to 5% pyrite	529	455.4	460.4	5.0	4.2					18
		2' thick in places	on margin from 436.3 to	530	468.7	473.6	4.9	4.3					14
		- ultramafic in appearance	436.9 and 529.8 to 530.1	531	477.3	482.1	4.8	4.8					18
		from 549.5 to 555.9'	- < 1" quartz veins with	532	487.1	491.9	4.8	4.8					26
			minor pyrite at 448.2,	533	496.6	501.5	4.9	4.8					40
			470.6, 492.4, 518.7, 520.7,	534	506.2	511.1	4.9	4.5					18
			526.5, 528.6, 537.8, 539.2	535	515.1	519.0	3.9	3.9					25
			- above quartz veins parallel	536	523.5	528.9	5.4	5.4					16
			to bedding	537	528.9	532.8	3.9	3.9					400
			- minor pyrite as finely	538	534.2	537.0	2.8	2.8					27
			disseminated grains through	539	538.9	543.8	4.9	4.9					41
			out section	541	543.8	546.5	2.7	2.7					136
			- from 549.5 to 555.9, 1-2%	542	546.5	548.6	2.1	2.1					119
			arsenopyrite as diffuse	540	548.2	553.4	4.7	4.7					2070
			beds containing euhedral	543	553.4	556.0	2.6	2.55					557
			crystals	544	556.0	560.1	4.1	4.1					25
			- some arsenopyrite assoc-	545	560.1	564.1	4.0	4.0					30
			iated with quartz veins	546	567.7	572.6	4.9	4.9					14
			parallel to bedding at:	547	576.1	581.0	4.9	4.9					33
			549.9 (1/2"), 550.1 (1/16")	548	585.6	588.8	3.3	3.3					43
			550.2 (1/8"), 550.4 (1/2"),	549	588.9	590.9	2.0	2.0					45
			551.7 (1/2"), 552.1 (1"),	550	600.4	605.0	4.6	4.6					25
			552.4 (1/16"), 552.8 (1/8")	551	609.5	614.4	4.9	4.9					21
			553.8 (1/8"), 553.9 (1/2"),	635	619.2	624.1	4.95	4.8					48
			554.2 (2"), 554.6 (1/2"),	636	628.6	633.5	4.9	4.9					2358
			and 554.9 (1/2").	637	633.5	635.0	1.5	1.5					1334
			- finely disseminated pyrite	744	635.0	637.8	2.8	2.8					1727
			increases to 5% from 551.6	745	637.8	642.6	4.8	4.8					584
			to 552.8	557	646.7	651.7	5.0	5.0					33
			+ quartz rich veining/masses	558	657.0	661.9	4.9	4.9					41
			from: 558.6 to 560.7 (40%	559	666.5	671.4	4.9	4.9					70
			quartz)	560	675.8	680.6	4.8	4.8					27
			569.6 to 569.8 (60% quartz)	561	686.9	690.9	4.0	4.0					48
			586.0 to 587.4 (30% quartz)	562	695.7	700.5	4.8	4.8					66
			590.1 to 591.5 (40% quartz)	563	714.2	717.0	2.8	2.8					222
			629.2 to 637.6 (60% quartz)	564	717.0	719.5	2.5	2.5					343

NAHANNI MINES LTD.

PROJECT: Stock Twp.

HOLE NO: ST-81-3

PAGE 3 of 5

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	ANALYTICAL RESULTS							
				SAMPLE	FROM	TO	LENGTH	Co (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
			and 650.4 to 650.8 (70% quartz)	565	719.5	723.2	3.7	3.7			43
			- from 629.2 to 637.6 up to 5% pyrite as concentrations associated with quartz masses and as diffuse beds	566	723.2	725.8	2.6	2.3			38
				567	725.8	728.7	2.9	2.9			30
				568	733.1	737.8	4.7	4.7			63
				569	742.7	747.4	4.7	4.6			97
			- minor to 1% arsenopyrite associated with pyrite in 629.2 to 637.6 section	570	751.7	756.8	4.9	4.9			22
				571	761.7	766.7	5.0	5.0			25
				572	771.3	776.1	4.8	4.8			45
			- at 681.0 bedding 80° to core axis	573	780.8	785.4	4.6	4.4			25
				574	790.1	793.2	3.1	3.1			38
			- from 714.6 to 725.5 is a zone containing 30% quartz masses/veins parallel to bedding and containing minor euhedral pyrite	575	793.2	797.3	5.1	3.8			25
				576	803.3	807.0	3.7	3.7			22
				577	812.8	817.0	4.2	4.2			51
				578	817.5	822.5	5.0	5.0			121
				579	827.9	832.8	4.9	4.9			23
			- quartz veins containing chlorite and trace pyrite at 740.7 (1/8"), 744.9 (1")	580	837.5	842.5	5.0	4.9			32
				581	847.6	852.5	4.9	4.7			34
				582	861.8	866.3	4.5	4.5			37
				583	866.3	871.0	4.7	4.7			21
				584	876.8	881.8	5.0	4.9			16
				585	885.0	888.6	3.6	3.6			84
				586	888.6	891.8	3.2	3.2			60
				587	891.8	894.9	3.1	3.1			45
				588	894.9	896.7	1.8	1.8			356
				589	896.7	900.8	4.1	4.1			59
				590	900.8	905.7	4.9	4.6			32
			- very rubbly from 793.0 to 797.0; possible fault.	591	910.0	915.0	5.0	4.95			33
				592	914.7	917.4	2.7	2.7			88
			- additional quartz veins with minor chlorite and trace pyrite at 858.4 (1/2")	593	917.4	920.0	2.6	2.6			36
				594	929.0	933.3	4.3	4.3			36
				595	933.3	936.5	3.2	2.7			27
				596	936.5	939.8	3.3	3.3			15
				597	942.9	947.7	4.8	4.8			21
				598	950.0	957.0	7.0	7.0			16
				599	957.9	962.9	5.0	5.0			23
				600	969.0	973.6	4.6	4.3			16
				601	977.1	982.1	5.0	4.9			10
				602	986.9	991.8	4.9	4.9			21
				603	996.7	1001.5	4.8	4.8			7

SCHEDULE B

Distribution of Surface Diamond Drilling

ST-81-1	Total Length 1095.0'		
	Distribution	P-521336	870.0'
		P-521340	<u>225.0'</u>
		Total	1095.0'

ST-81-2	Total Length 1337.0'		
	Distribution	P-521349	35.0'
		P-521351	1272.0'
		P-521353	<u>30.0'</u>
		Total	1337.0'

ST-81-3	Total Length 1197.0'		
	Distribution	P-521336	1197.0'

SUMMARY

P-521336	-	2067.0'
P-521340	-	225.0'
P-521349	-	35.0'
P-521351	-	1272.0'
P-521353	-	<u>30.0'</u>
Total Footage		3629.0'

