**********DESCRIPTION**********			SAMPLE#	FROM	TO	LENGTH	**********ANALYSES**********				
FROM M	TO M			FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

**********INCO LIMITED**********

FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: -218.0 M	NTS SHEET #	:	STARTED	: 18 august 1987
PROPERTY	: VAULT	DEPARTURE	: 672.0 M	TOWNSHIP	:	COMPLETED	: 26 august 1987
BOREHOLE	: 72416-0	ELEVATION	: 488.7 M	PROVINCE	: BC	MEASUREMENTS	: M
AZIMUTH	: 2.0	BL AZIMUTH	: 90	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -62.0	GRID BEARING	:	CLAIM #	:	DRILL TYPE	: Longyear 38
DEPTH	: 337.2 M	LOGGED BY	: Wim Groeneweg	GRID NAME	:	TEST METHOD	: Sperry Sun
				CORE SIZE	: NQWL	ASSAYED FOR	: AU + ACME ICP

COMMENTS : recovery 100% unless noted, core stored on property
hole is located 1170 m E and 372 m S of NW corner of Vault 1
LEFT IN HOLE:nothing left in hole

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
59.75	5.0	-61.00	181.70	7.0	-60.00	303.65	7.0	-60.00			
87.20	5.0	-61.00	245.73	7.0	-60.00						

**********DESCRIPTION**********

FROM M	TO M	
.00	4.00	OVERBURDEN
4.00	234.50	DACITE Upper Marama Formation, Unit 3 very fine grained porphyritic dacite, gray to purplish weakly fractured with calcite filling, below 38 metre fractures filled with calcite and hematite cutting at random angles, flow contact at 84.15 at 50, flow banding at 148.0 at 50 to 70, and at 224.5 at 60, greenish and bleached from 232.78 to 234.5, bottom 20 cm brecciated with hematite filling, lower contact at 70.

**********ANALYSES**********

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		7 cm, 3 quartz veinlets, green trachyte dike at 391.77 to 391.97.	FX080911	396.72	397.17	.45		.495	2.1	17	35	1
			FX080912	397.17	397.69	.52		.785	3.2	31	27	1
392.07	393.60	Tuff and lapilli tuff, brownish matrix, 10 quartz veinlets at 60 to 70 up to 3 cm thick.	FX080913	397.69	398.46	.77		.915	4.1	36	22	2
393.60	395.62	Ditto, 2 quartz veinlets.										
395.62	396.72	Ditto 7 quartz veinlets, some multistage at 70 to 80 1 pyrite quartz veinlet at 70.										
396.72	397.17	Ditto five 1 cm quartz veinlets at 30 to 70										
397.17	397.69	Ditto some quartz breccia fragments.										
397.69	398.46	Ditto with 4 complex quartz breccias at 80 up to 5 cm wide.										
398.46	399.45	LOWER MARAMA FM - AGGLOMERATE										
398.46	399.00	Green, 1 quartz veinlet.	FX080914	398.46	399.00	.54		1.030	5.0	47	38	2
399.00	399.40	Cut by 7 quartz veins at 50 multistage.	FX080915	399.00	399.40	.40		1.130	3.2	46	95	26
399.40	399.45	Fault gouge.	FX080916	399.40	399.45	.05		1.230	3.7	55	92	96
399.45	400.10	LOWER MARAMA FM - LAPILLI TUFF										
		Broken up, 3 quartz veinlets, from 399.8 bleached.	FX080916	399.45	400.10	.65		1.230	3.7	55	92	96
400.10	401.40	LOWER MARAMA FM - TUFF										
		Tuff reddish medium grained with greenish bleached ? parts, well bedded at 70, lower contact at 50.										
401.40	428.35	MARRON FORMATION - TRACHYTE PORPHYRY										
		Unit 1, massive, brown and greenish porphyritic, pink kspar phenocrysts up to 1 cm.										

ARIS SUMMARY SHEET

District Geologist, Kamloops Off Confidential: 89.03.21

ASSESSMENT REPORT 17293 MINING DIVISION: Osoyoos

PROPERTY: Vault
LOCATION: LAT 49 22 12 LONG 119 36 22
UTM 11 5471635 310802
NTS 082E05E
CLAIM(S): Vault 1
OPERATOR(S): Can. Nickel
AUTHOR(S): Groeneweg, W.
REPORT YEAR: 1988, 62 Pages
COMMODITIES
SEARCHED FOR: Gold,Silver
GEOLOGICAL
SUMMARY: The claims are underlain by porphyritic trachyte flows of the Marron Formation, trachytic pyroclastics and very fine-grained flows of the Marama Formation and lahars, volcanic flows and tuffs of the White Lake Formation. All formations are of Eocene age. The rocks are cut by a northeast fault and by east trending fractures. Epithermal gold-silver veins and veinlets occupy the east trending fractures where they cut the Marron and Lower Marama Formation.
WORK
DONE: Drilling,Geochemical
DIAD 2483.9 m 6 hole(s);NQ
Map(s) - 9; Scale(s) - 1:4000,1:1000
SAMP 232 sample(s) ;ME
RELATED
REPORTS: 10968,12487,15595
MINFILE: 082ESW173

DIAMOND DRILLING REPORT
ON THE VAULT 1 CLAIM
OSOYOOS MINING DIVISION
N.T.S. 82E-5E
Latitude: 49°22'N, Longitude: 119°37'W
Owned by Seven Mile High Resources Inc.
Operated by Canadian Nickel Company Limited

Drs. Wim Groeneweg
Senior Staff Geologist
Canadian Nickel Company Limited
Vancouver, B.C.

March 1988

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APPENDICES

Appendix A - Borehole logs

Appendix B - Analytical Results

FIGURES

1.0 INTRODUCTION

This report covers work done on the Vault 1 claim of the Vault Group during the period July 28, 1987, to November 2, 1987.

1.1 Location, Access, Physiography

N.T.S. sheet: 82E-5E. Latitude: 49°22'N, Longitude: 119°37'W.

The Vault property is located 3 km northwest of Okanagan Falls in the Osoyoos Mining Division of British Columbia (see figure 1). Provincial Highway 97 and White Lake Road, both paved, cross the claim block and give excellent access. Old logging roads exist in the centre part of the property.

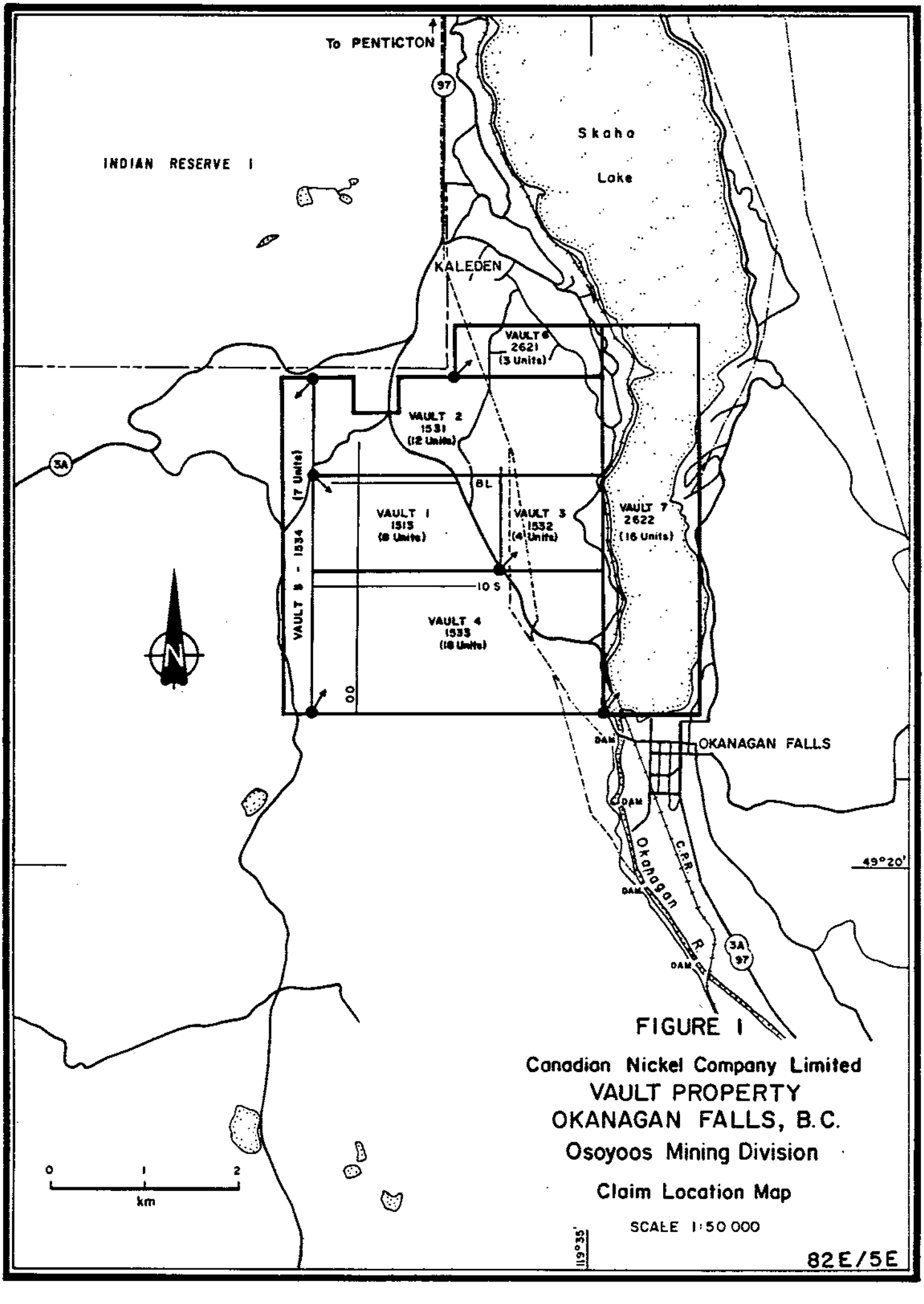
The topography consists of rounded hills, some with cliff edges, and shallow basins. Elevations range from 360 m at Skaha Lake to 800 m at the south end of the property. Vegetation cover varies from yellow pine, lodgepole pine and fir to sage brush, grass and prickly-pear cactus.

1.2 Property Definition

The Vault property consists of seven mineral claims totalling 68 units (see figure 1). They are:

CLAIM NAME	UNITS	RECORD NO.	DATE RECORDED	EXPIRY DATE
Vault 1	8	1513	March 22, 1982	March 22, 1995
Vault 2	12	1531	May 25, 1982	May 25, 1995
Vault 3	4	1532	May 25, 1982	May 25, 1995
Vault 4	18	1533	May 25, 1982	May 25, 1995
Vault 5	7	1534	May 25, 1982	May 25, 1995
Vault 6	3	2621	June 12, 1987	June 12, 1988
Vault 7	16	2622	June 12, 1987	June 12, 1988

Vault 1-5 are owned by Seven Mile High Resources Inc. Vault 6-7 are owned by Canadian Nickel Company Limited. All 7 claims are part of an option agreement between Canadian Nickel Company Limited and Seven Mile High Resources Inc. During 1987, Canadian Nickel was the operator.


To PENTICTON
97
INDIAN RESERVE I
Skaha
Lake
KALEDEN
VAULT 6
2621
(3 Units)
VAULT 2
1531
(12 Units)
(7 Units)
VAULT 8 - 1534
BL
VAULT 1
1515
(8 Units)
VAULT 3
1532
(4 Units)
VAULT 7
2622
(16 Units)
10 S
VAULT 4
1533
(16 Units)
00
3A
N
DAM
OKANAGAN FALLS
DAM
Okanagan R.
C.P.R.
DAM
DAM
49°20'
3A
97
0
1
2
km
119°35'
FIGURE 1
Canadian Nickel Company Limited
VAULT PROPERTY
OKANAGAN FALLS, B.C.
Osoyoos Mining Division
Claim Location Map
SCALE 1:50 000
82E/5E

The Vault 2 claim overlies the previously staked Bela claim (record No. 1522, 1 unit).

1.3 History of the property

The Vault 1 claim was staked in March, 1982, to cover an gossanous area of silicified breccias that carried anomalous values in gold and silver. Riocanex Inc. optioned the property in May, 1982, and staked the Vault 2-5 claims. During 1982, Riocanex carried out geological and geochemical surveys on parts of the Vault 1 and Vault 2 claims, and drilled four percussion holes totalling 295 m to test the silicified zone. This was followed up in 1983 by four NQWL diamond boreholes totalling 632 m. The location of these holes are indicated on figure 2 as PDH 1 to PDH 4 and 83-1 to 83-4. Mineralization was found to occur in the silicified, quartz-veined and clay-altered Lower Marama Formation. The mineralization consists of pyrite in amounts up to 10%, and low values in gold and silver. The best intersections were in hole 83-2: 2.3 ppm Au and 13.8 ppm Ag from 78 to 80 m and in hole 83-4: 2.6 ppm Au and 6.5 ppm Ag from 66 to 68 m.

Dome Exploration (Canada) Limited optioned the claims in late 1983. In early 1984, Dome conducted 3 line km of IP and mag surveys over the same zone and drilled seven BQWL diamond boreholes totalling 558 m. These holes are indicated on figure 2 as 138-1 to 138-7.

The results were similar to those of Riocanex. The best intersection was in hole 138-5: 2.5 ppm Au and 7 ppm Ag from 47 to 48 m.

During 1985, Seven Mile High Resources Inc. carried out geological and geochemical surveys on the Vault 4 claim and mag and VLF-EM surveys on the Vault 1 and Vault 4 claims. They also drilled eight percussion drill holes totalling 491 m. These holes are indicated on figure 2 as PDH 85-1 to PDH 85-7. None of the holes reached the favourable lower part of the Lower Marama Formation, and no gold or silver values were encountered.

During 1986, Canadian Nickel Company Limited carried out topographic and geological surveys on parts of the Vault 1, Vault 2 and Vault 4 claims and drilled two NQWL diamond boreholes totalling 779 m. Gold-

silver mineralization was encountered in the second borehole (BH 38898) at 150S/880E, with the best intersection grading 7.4 g/t Au from 373.1 - 374.8 m.

1.4 1987 Drilling Program on the Vault 1 Claim

During the period July 28, 1987 to November 2, 1987, six NQWL diamond boreholes were drilled under contract by Beaupre Diamond Drilling Ltd. for a total of 2,483.9 m. The core is stored on the Vault 1 claim.

2.0 REGIONAL GEOLOGY

The Vault property is located in the north-central part of the White Lake Basin. The Geology of the White Lake Basin is described by B.N. Church (1973) as an up to 4,000 m thick sequence of Early Tertiary (Eocene) sediments and volcanics. He recognized five main stratigraphic sub divisions, three of which are present on the Vault. The sequence has been preserved by downfaulting, possibly as a half graben, with the greatest downward movement near the Okanagan Valley. The sequence is cut by many northerly trending step-faults. The beds generally dip easterly.

3.0 PROPERTY GEOLOGY

The Vault property is underlain by volcanic flows, pyroclastics, and minor sedimentary rocks of Eocene age (see figure 2). The geological environment of this area is considered to be that of Tertiary volcanism resulting in subcircular stratavolcanoes which were modified by cauldron subsidence and resurgence.

The Eocene rocks are divided into three Formations: the older Marron Formation (unit 1) which is unconformably overlain by the Marama Formation (units 2 + 3) and the White Lake Formation (unit 4).

The Marron Formation (unit 1) is made up of extensive flows of porphyritic trachyte consisting of up to 70% groundmass of fine k-spar laths and up to 30% large tabular phenocrysts of k-spar to 3 mm in size. Minor constituents of the trachyte

are quartz, hematite, dolomite, sericite and clay resulting from alteration and silicification. The top of the trachyte appears to be weathered and is considered to be an erosional surface.

The Marama Formation is divided into two units, unit 2 consisting of predominantly trachytic pyroclastics with minor sediments and trachyte flows lying unconformably on unit 1 and overlain by unit 3, a very fine grained, slightly porphyritic flow.

Unit 2, with a thickness of up to 200 m, represents a series of explosive volcanic events with local sedimentation and thin flows. Rapid facies changes prevent positive correlation of horizons between drill holes but generally the basal part of the unit is a coarse pyroclastic breccia up to 30 m thick. Above the coarse breccia is tuffaceous material that grades upwards into a fine grained tuff. This sequence is repeated several times as a result of renewed exposive activity. The tuffs contain fragments of the underlying porphyritic trachyte and are themselves compositionally a trachyte.

Unit 3 is a very fine grained impermeable flow up to at least 300 m thick. This unit was called a rhyodacite by previous companies but thin sections indicate that the composition is predominantly plagioclase with 15% k-spar, 5% augite and no quartz. This unit presently covers approximately half of the property and originally probably formed an effective caprock over the whole property in the form of a dome.

The White Lake Formation (unit 4) is made up of lahars, volcanic flows and tuffs and sedimentary rocks from mudstones to conglomerates. This unit is only found in the eastern portion of the property and is thought to represent moat in-filling that followed caldera collapse.

A NE trending normal fault cuts through the central part of the mapped grid area. The area east of the fault has dropped down relative to the west block and has also been tilted to the southeast. Epithermal gold-silver mineralization appears to be controlled by a set of east-west

trending fractures centered on the grid baseline. A first phase of ascending fluids selectively silicified the matrix of the pyroclastic rocks of unit 2. This was followed by repeated fracturing of the now brittle pyroclastics and emplacement of gold-silver bearing quartz veins and veinlets.

4.0 DIAMOND DRILLING

Six NQWL diamond boreholes were drilled for a total of 2,483.9 m. The locations are shown in figure 2 and a summary is given in the following table:

Hole Number	Grid Coordinates	Dip	Azimuth	Length	Collar Elevation
72414	245S/876E	-63°	001°	425.6 m	463.5 m
72415	270S/773E	-62°	357°	428.4 m	485.9 m
72416	218S/672E	-62°	002°	337.2 m	488.7 m
72417	364S/777E	-58°	356°	483.5 m	501.4 m
72418	404S/873E	-60°	356°	442.4 m	483.4 m
72419	233S/821E	-63°	355°	366.8 m	465.0 m

All boreholes were drilled from south to north and were designed to intersect east-west trending quartz veining in the Marron and Lower Marama Formations, as results from the 1986 borehole 38898 indicated that the veins did not penetrate the overlying Upper Marama Formation.

As shown in the appended borehole logs and on the sections in the back pockets, the boreholes had to cut up to 435 m of Upper Marama Formation in order to reach the favourable Lower Marama Formation. BH 72418 was abandoned at 442.4 m due to caving in mudstones at the top of unit 2. The other five holes cross-cut Lower Marama Formation showing variably silicified pyroclastics and minor quartz veining. The better intersections were as follows:

Borehole	Intersection (m)	Width (m)	Au (g/t)	Ag (g/t)
72414	399.1 - 411.3	12.2	1.4	4.6
72415	357.0 - 363.0	6.0	1.6	3.4
	367.4 - 389.5	22.1	1.8	6.0
	395.6 - 400.1	4.5	1.1	3.2
72416	294.0 - 300.9	6.9	1.5	3.2
	312.3 - 318.2	5.9	1.5	3.0
72417	433.3 - 437.7	4.4	1.4	3.4
	443.9 - 450.8	6.9	1.8	1.8
72419	354.7 - 358.7	4.0	3.1	12.0

5.0 CONCLUSIONS

Diamond drilling in 1987 confirmed the presence of east-west trending, epithermal, quartz veins and veinlets cutting Eocene Marron and Lower Marama Formations. The better gold and silver values appear to occur in a zone centered on the grid baseline and where the veins cut the Lower Marama Formation below 300 m elevation. Diamond drilling will continue in 1988.

6.0 REFERENCES

Church, B.N. (1973) - Geology of the White Lake Basin. BCDMPR Bulletin 61.

Groeneweg, W. and E.N. Hunter (1987) - Geological and diamond drilling report on the Vault 1-5 Claims, Osoyoos Mining Division. B.C. Assessment Report.

Jones, H.M. (1985) - A report on the Vault Group of Mineral Claims, Okanagan Falls Area, Osoyoos Mining Division, B.C. Report for Seven Mile High Resources Inc.

McClintock, J. (1982) - Geological, Geochemical and Drilling Report on the Vault Option by Riocanex Inc. Assessment Report 10968.

McClintock, J. (1983) - Vault Option - Drilling 1983. Private Report, Riocanex Inc.

Oddy, R.W. (1984) - Diamond Drill Program on the Vault 1-5 Mineral Claims, Okanagan Falls, B.C. Report for Dome Exploration (Canada) Limited. Assessment Report 12487.

7.0 STATEMENT OF EXPENDITURES

W. Groeneweg, Senior Staff Geologist July 28 - September 21, 1987 October 26-28, 1987 April 11-13, 1988 (Report) Total 61 days @ $300	$ 18,300
E. Hunter, Contract Geologist October 26 - November 2, 1987 8 days @ $225	$ 1,800
Accommodation and Food 69 days @ $60.00	$ 4,140
Truck Rental 64 days @ $25.00	$ 1,600
Diamond Drilling (by Beaupre Diamond Drilling Ltd.) 2,483.9 m, NQWL	$157,714
Analytical (by Acme Analytical Laboratories Ltd.) 232 core samples @$15.86 (Au+ICP)	$ 3,681
Total:	$187,235

8.0 AUTHOR'S QUALIFICATIONS

I, Wim Groeneweg, of the City of Richmond, Province of British Columbia, do hereby certify that:

1. I am Senior Staff Geologist with Canadian Nickel Company Limited with offices at 512-808 Nelson Street, Vancouver, B.C. V6Z 2H2.

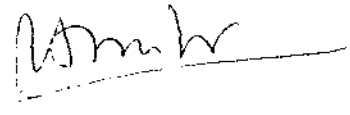
2. I am a graduate of the University of Leiden, The Netherlands, with a doctorandus degree (Master of Science equivalent) in geology (1966).

3. I have practised my profession as geologist since 1966.

4. I am a Fellow of the Geological Association of Canada, a member of the Society of Economic Geologists and a member of the Canadian Institute of Mining and Metallurgy.

5. I have partaken in and supervised the work described in this report on behalf of Canadian Nickel Company Limited.

Dated at Vancouver, British Columbia this thirteenth day of April, 1988.



Wim Groeneweg

APPENDIX A

BOREHOLE LOGS

E. Hunter - Geologist - B. Sc. 1970 U.BC.

**********INCO LIMITED**********

FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: -244.7 M	NTS SHEET #	:	STARTED	: 28 july 1987
PROPERTY	: VAULT	DEPARTURE	: 876.0 M	TOWNSHIP	:	COMPLETED	: 07 august 1987
BOREHOLE	: 72414-D	ELEVATION	: 463.5 M	PROVINCE	: BC	MEASUREMENTS	: M
AZIMUTH	: 1.0	BL AZIMUTH	: 90	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -63.0	GRID BEARING	: ,	CLAIM #	:	DRILL TYPE	: Longyear 38
DEPTH	: 425.6 M	LOGGED BY	: Wim Groeneweg	GRID NAME	:	TEST METHOD	: Sperry Sun
				CORE SIZE	: NQWL	ASSAYED FOR	: AU + ACME ICP

COMMENTS : recovery 100% unless noted, core stored on property
hole is located 1375 m E and 406 m S of NW corner of Vault 1

LEFT IN HOLE:nothing left in hole

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
51.80	4.0	-62.00	139.00		-60.00	274.40		-60.00	370.70	17.0	-59.00
53.60		-62.00	184.70		-60.00	306.70	16.0	-60.00	416.50	18.i	-59.00
91.50		-60.00	230.50		-60.00	318.90		-59.00		i	
123.80	7.0	-61.00	245.70	13.0	-60.00	345.10	17.0	-60.00		i	

**********DESCRIPTION**********

FROM M	TO M	
.00	10.70	OVERBURDEN
10.70	354.90	DACITE Upper Marama Formation, Unit 3,gray to purple, very fine grained, with yellow to green patches of chlorite alteration, small augite phenocrysts red patches of kspar alteration, locally brecciated otherwise massive, flow banding at 50 weakly fractured, fractures filled with either calcite, hematite or chlorite, plagioclase phenocrysts to 1 mm, fractures at 50 to 70 degrees at

**********ANALYSES**********

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM M	TO M	**********DESCRIPTION**********	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		146.35 30 cm fault gouge. At 170.0 banding at 50. At 320.0 increase in fractures filled with calcite up to 1 cm thick, cutting at 30, some fractures with hematite. 140.00 150.00 Banding at 60 to 70. 352.00 354.90 Bleached to gray and light gray and white colours banding at 65,fractures with calcite and hematite, lower contact sharp at 60 lower 5 cm brecciated and matrix filled with mudstone.										
354.90	358.23	LOWER MARAMA FM - CARBONACEOUS MUDSTONE Tuffaceous black mudstone, bedding at 65, locally larger pyroclastic fragments, top part fairly soft, from 356.0 partly silicified and hard, pyrite in irregular fractures at 365.65.	FX080816	354.90	358.23	3.33		.001	.1	326	42	28
358.23	365.10	LOWER MARAMA FM - AGGLOMERATE Agglomerate dark gray to light gray with fragments of mainly porphyritic volcanic up to 10 cm mostly hard partly silicified rock pyrite in fractures and as breccia fragments or filling irregular distributed, bedding at 60, irregular quartz veining up to 2.5 cm at 359.75 and 361.1.	FX080817 FX080818 FX080819	358.23 360.25 362.70	360.25 362.70 365.10	2.02 2.45 2.40		.445 .405 .205	4.1 4.2 1.7	497 1053 416	42 14 44	1108 791 286
365.10	366.35	LOWER MARAMA FM - VOLCANIC FLOW(UNIT 2B) Trachyte greenish gray porphyritic, Unit 2b feldspar phenocrysts up to 5 mm, upper contact sharp at 70, lower contact fault gouge.	FX080820	365.10	366.35	1.25		.048	.1	101	132	130

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
366.35	379.75	LOWER MARAMA FM - AGGLOMERATE										
		Agglomerate as to 365.1, up to 40% pyrite from 366.55 to	FX080821	366.35	368.27	1.92		.285	1.0	1056	13	112
		367.25 10% pyrite from 368.0 to 368.25, medium	FX080822	368.27	370.00	1.73		.215	2.2	511	21	219
		silicified, strongly silicified from 369.8 to 370.0,	FX080823	370.00	371.60	1.60		.032	.9	203	37	12
		trachyte dikes from 370.1 to 371.0 and from 371.4 to	FX080824	371.60	373.75	2.15		.055	.4	259	77	5
		371.6, 1 irregular contact at 60, locally bright green	FX080825	373.75	375.75	2.00		.135	.9	273	58	82
		fragments and masses locally large fragments or	FX080826	375.75	377.75	2.00		.195	1.1	327	38	15
		irregular dikes of trachyte.	FX080827	377.75	379.75	2.00		.082	.3	243	52	7
379.75	385.75	LOWER MARAMA FM - LAPILLI TUFF										
		Lapilli tuff fine grained, fragments up to several cm,	FX080828	379.75	381.75	2.00		.059	.5	183	30	5
		otherwise similar to agglomerate above, few hairline	FX080829	381.75	383.75	2.00		.035	.1	111	62	1
		quartz veinlets.	FX080830	383.75	385.75	2.00		.025	.2	85	84	1
385.75	386.95	LOWER MARAMA FM - AGGLOMERATE										
		Agglomerate volcanic fragments up to 5 cm, pinkish gray, bottom 30 cm silicified and brecciated, lower contact at 60.	FX080831	385.75	386.95	1.20		.036	.7	119	38	4
386.95	388.65	LOWER MARAMA FM - TUFF										
		Tuff fine grained gray and pinkish gray, bedding at 60 medium fractured, 1% very fine grained disseminated pyrite, fractures filled with sericite.	FX080832	386.95	388.65	1.70		.078	1.0	45	27	13
388.65	391.30	LOWER MARAMA FM - AGGLOMERATE										
		388.65 390.40 Agglomerate strange looking vaguely	FX080833	388.65	390.40	1.75		.108	2.9	213	32	62

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		banded, gray with many vugs filled with greenish white sericite possibly after glass fragments of feldspar phenocrysts up to 3 cm, weakly silicified.	FX080834	390.40	390.60	.20		3.120	15.2	480	12	189
			FX080835	390.60	391.30	.70		.096	3.6	111	26	20
	390.40	390.60 Brecciated agglomerate, irregular and contorted white and gray quartz around pyrite rich fragments ?.										
	390.60	391.30 Agglomerate as to 390.4.										
391.30	391.65	QUARTZ VEIN										
		Vein, strongly silicified pyroclastic with 8 cm white quartz vein with pyrite layers at 40.	FX080836	391.30	391.65	.35		.059	4.5	131	0	217
391.65	399.10	LOWER MARAMA FM - TUFF										
		Tuff, alternation of lapilli tuff and fine grained porphyritic tuff or flow with sericitized feldspar phenocrysts, greenish, grayish and reddish colours 5 to 7 one to two cm wide bluish white quartz veinlets.	FX080837	391.65	392.65	1.00		.032	2.4	111	29	11
			FX080838	392.65	393.65	1.00		.720	3.8	2	27	23
			FX080839	393.65	394.65	1.00		.605	2.3	75	24	101
			FX080840	394.65	395.65	1.00		.090	.8	35	102	9
			FX080841	395.65	396.65	1.00		.195	1.3	30	147	55
			FX080842	396.65	397.92	1.27		.185	1.2	54	1	9
			FX080843	397.92	399.10	1.18		.610	1.3	62	41	8
399.10	399.75	LOWER MARAMA FM - LAPILLI TUFF										
		Lapilli tuff black matrix with 8 cm quartz vein at 399.2 and 2 cm quartz vein at 399.7, both veins are irregular and have white and gray quartz which engulf pyrite masses and are lined by hairline black graphite ? bands and bordered by 2 to 3 cm sericite alteration zone.	FX080844	399.10	399.75	.65		4.180	11.2	60	73	110

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
399.75	401.35	LOWER MARAMA FM - TUFF										
		Tuff as to 392.65 with wide fractures filled with green mineral possibly chlorite, 2 irregular quartz pyrite veinlets.	FX080845	399.75	400.70	.95		.605	3.2	117	25	299
			FX080846	400.70	401.35	.65		.036	.8	23	29	4
401.35	403.15	LOWER MARAMA FM - LAPILLI TUFF										
		401.35 401.85 Greenish with about 40% quartz veining with pyrite bands white and gray quartz, fractures filled with yellow mineral (iron carbonate ?), strange bright green fragments.	FX080847	401.35	401.85	.50		.980	5.8	50	70	624
			FX080848	401.85	402.20	.35		.880	5.4	33	98	593
			FX080849	402.20	402.70	.50		1.720	3.7	74	87	340
			FX080850	402.70	403.15	.45		.340	3.3	141	24	363
		401.85 402.20 Lapilli tuff quartz crackle breccia with same mineralogy as to 401.85.										
		402.20 402.70 Greenish and black with three 2 cm quartz veins.										
		402.70 403.15 Black and gray with two 1 cm quartz pyrite veinlets at 60.										
403.15	403.80	QUARTZ VEIN										
		Vein, lapilli tuff mainly replaced by quartz vein and quartz vein breccia white and gray quartz cut by iron carbonate filled veinlets, tuff fragments in veins, some irregular pyrite masses, some veins bordered by 1 mm graphite ? bands.	FX080851	403.15	403.80	.65		3.010	5.6	73	35	528
403.80	408.90	LOWER MARAMA FM - LAPILLI TUFF										
		403.80 405.50 Black and gray silicified, fragments up to 3 cm, 12 quartz veins from 1 mm to 3 cm,	FX080852	403.80	405.50	1.70		1.340	4.3	134	34	479
			FX080853	405.50	407.00	1.50		.146	1.2	34	206	13

FROM M	TO M	**********DESCRIPTION**********	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		some with pyrite, white and gray quartz, sometimes with graphite borders.	FX080854	407.00	408.40	1.40		.280	1.2	36	182	3
			FX080855	408.40	408.90	.50		.490	1.4	40	223	37
		405.50 407.00 Mainly gray, 10 hairline quartz veinlets, at 406.6 10 cm quartz chlorite ? fault vein breccia.										
		407.00 408.40 Light to medium gray with green patches, 4 hairline veinlets.										
		408.40 408.90 Greenish to dark gray and black matrix, 2 quartz veinlets.										
408.90	409.30	QUARTZ VEIN										
		Two 7 cm irregular, partly contorted and brecciated quartz veins in brecciated tuff, contacts at 50 to 60, white and gray and brownish quartz, irregular pyrite bands, veins have graphite boundaries and iron carbonate alteration.	FX080856	408.90	409.30	.40		5.100	8.5	207	14	37
409.30	410.80	LOWER MARAMA FM - LAPILLI TUFF										
		409.30 410.00 Gray and brownish layers.	FX080857	409.30	410.00	.70		.221	2.4	80	50	3
		410.00 410.80 With one 10 cm quartz vein at 410.15 and one 15 cm quartz vein at 410.3, veins with pyrite bands, contacts at 50 to 70, white and gray quartz, graphite borders, banded, vague bladed texture.	FX080858	410.00	410.80	.80		4.080	8.9	386	17	18
410.80	411.30	QUARTZ VEIN										
		Gray tuff cut for 60% by banded contorted white and light gray and dark gray quartz with graphite boundaries cut by yellow iron carbonate fractures.	FX080859	410.80	411.30	.50		3.700	18.6	73	123	22

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
411.30	412.00	LOWER MARAMA FM - TUFF Tuff gray, cut by 7 quartz veinlets.	FX080860	411.30	412.00	.70		.260	3.3	173	69	3
412.00	416.00	LOWER MARAMA FM - VOLCANIC FLOW(UNIT 2B) Trachyte, unit 2b altered porphyritic reddish, grayish and greenish colours of matrix, kspar phenocrysts altered to green sericite ? 3 quartz veinlets, lower contact at 50.	FX080861	412.00	413.00	1.00		.096	1.4	10	221	2
			FX080862	413.00	414.10	1.10		.037	1.0	23	168	1
416.00	419.50	LOWER MARAMA FM - TUFF Tuff or lapilli tuff greenish, grayish and reddish partly brecciated fractures filled with quartz, hematite and sericite or iron carbonate, lower contact at 80.										
419.50	425.60	MARRON FORMATION - TRACHYTE PORPHYRY Marron Formation, Unit 1 porphyritic, greenish gray, fairly fresh, massive, few quartz veinlets.										

**********INCO LIMITED**********

FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: -269.6 M	NTS SHEET #	:	STARTED	: 8 aug. 1987
PROPERTY	: VAULT	DEPARTURE	: 772.7 M	TOWNSHIP	:	COMPLETED	: 17 aug. 1987
BOREHOLE	: 72415-0	ELEVATION	: 485.9 M	PROVINCE	: BC	MEASUREMENTS	: M
AZIMUTH	: 357.0	BL AZIMUTH	: 90	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -62.0	GRID BEARING	:	CLAIM #	:	DRILL TYPE	: Longyear 38
DEPTH	: 428.4 M	LOGGED BY	: Wim Groeneweg	GRID NAME	:	TEST METHOD	: Sperry Sun
				CORE SIZE	: NQWL	ASSAYED FOR	: AU + ACME ICP

COMMENTS : recovery 100% unless noted, core stored on property
hole is located 1270 m E and 440 m S of NW corner of Vault 1
LEFT IN HOLE:nothing left in hole

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
29.27	359.0	-61.00	206.10	364.0	-59.50	285.06	369.0	-58.50			
97.60	362.0	-60.00	239.63	368.0	-59.50	346.04	371.0	-58.00			

**********DESCRIPTION**********

**********ANALYSES**********

FROM M	TO M		SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
.00	11.30	OVERBURDEN										
11.30	331.40	DACITE Upper Marama Formation, Unit 3, gray to purple, very fine grained matrix, small augite phenocrysts, plagioclase phenocrysts to 1 mm, yellow to green patches of chlorite alteration, red patches of kspar alteration, locally brecciated otherwise massive, flow banding at 50, weakly fractured, fractures at 50 to 70, fractures filled with calcite, hematite or chlorite. 283.54 331.40 Medium fractured fractures cutting at 50 to 70 and sometimes at 30 to 40, some	FX080863	284.22	284.45	.23		.002	.1	4	19	1

**********DESCRIPTION**********

FROM M	TO M	
		sections are strongly fractured, fractures mainly filled with calcite, but increasingly with hematite, the hematite fractures cut the calcite fractures, increase in mini breccia with hematite matrix filling at 314.94 two 2 mm quartz calcite veinlets , at 322.71 a 2 cm quartz calcite veinlet cutting at 90, 330.48 331.40 bleached lower contact at 70.
	284.22 284.45	Cut by 1 cm quartz vein breccia, gray to pinkish gray, cutting at 0 to 10, at 284.4 vein widens to 3 cm and is composed of dacite breccia with quartz matrix, this vein or a parallel veinlet pinches and swells down to 285.98, and down the vein changes to calcite and back to quartz.
331.40	335.67	LOWER MARAMA FM - CARBONACEOUS MUDSTONE
	331.40 331.75	Lapilli tuff fragments up to 1 cm, black carbonaceous matrix, bedding at 60 to 70.
	331.75 335.67	Mudstone black carbonaceous tuffaceous, bedding at 60 to 70, 332.90 333.90 ten 1 mm pyrite bands at 30 to 40.
335.67	337.20	LOWER MARAMA FM - LAPILLI TUFF
		Lapilli tuff fragments up to 2 cm, matrix black and gray, bedding at 40.
337.20	343.10	LOWER MARAMA FM - TUFF

**********ANALYSES**********

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

**********DESCRIPTION**********

FROM M	TO M	
		Very fine grained black, strongly silicified, few beds of fine grained gray tuff, few pyrite blebs some syn sedimentary pyrite and some pyrite as breccia filling within tuff beds, bedding at 40, 1 light gray quartz veinlet of 1 mm at 30.
338.40	339.85	1 light gray quartz veinlet.
339.85	340.45	Cut by very irregular and contorted light gray quartz veins and vein breccia up to 2 cm wide at random angles.
340.45	341.75	Cut by some irregular quartz veins.
341.75	343.10	5 quartz veinlets at 40, bottom 10 cm is fault gouge.
343.10	343.30	FAULT Fault gouge, broken up tuff.
343.30	347.30	LOWER MARAMA FM - LAPILLI TUFF Lapilli tuff fragments up to 1 cm, locally agglomerate with fragments up to 5 cm of volcanic rocks including black tuff, bedding 60 to 70, not silicified, locally many tiny fractures filled with yellow mineral possibly sericite, occasional bleb pyrite, matrix is grayish, blackish, greenish and reddish occasional pyrite breccia.
347.30	347.65	DIKE Dike greenish composed of feldspar, reddish brown biotite and quartz, soft.

**********ANALYSES**********

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX080864	337.20	338.40	1.20		.001	.2	131	6	50
FX080865	338.40	339.85	1.45		.001	.1	257	6	14
FX080866	339.85	340.45	.60		.001	.1	118	1	11
FX080867	340.45	341.75	1.30		.001	.1	225	1	29
FX080868	341.75	343.10	1.35		.001	.2	338	3	34

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
347.65	350.80	LOWER MARAMA FM - LAPILLI TUFF										
		347.65 348.40 Cut by irregular gray quartz veining at 30, minor pyrite, occasional banding in vein.	FX080869	348.00	348.40	.40		.052	1.4	173	32	571
			FX080870	348.40	348.60	.20		.019	.1	309	28	29
			FX080871	348.60	348.75	.15		.074	1.8	232	16	680
		348.40 348.60 Brownish.										
		348.60 348.75 Cut by 8 cm banded quartz vein, irregular contacts at 30, mainly dark gray but at borders irregular bands of light gray and black quartz, up to 1% fine disseminated pyrite.										
350.80	351.15	DIKE										
351.15	357.02	LOWER MARAMA FM - LAPILLI TUFF										
		From 351.15 mainly brownish gray locally fine grained tuff beds, irregular contacts.	FX080872	356.05	357.02	.97		.079	1.2	33	104	31
		356.05 357.02 Lapilli tuff as above few irregular hairline gray quartz veinlets, fragments up to 5 cm.										
357.02	357.30	QUARTZ VEIN										
		Multistage quartz vein, white, light gray and dark gray, at 30 true width 10 cm, parallel bands, locally mini breccia, locally bladed texture, trace pyrite.	FX080873	357.02	357.30	.28		5.670	12.6	42	199	10
357.30	357.90	LOWER MARAMA FM - LAPILLI TUFF										
		As above.	FX080874	357.30	357.90	.60		.340	1.4	42	144	n/a

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
357.90	358.07	QUARTZ VEIN Multistage quartz vein, upper contact at 30, lower contact at 70, composed of alternation of white quartz, gray quartz vein breccia with pyrite matrix, and lapilli tuff bed.	FX080875	357.90	358.07	.17		3.150	2.7	196	81	27
358.07	359.65	LOWER MARAMA FM - LAPILLI TUFF As above, at 358.5 cut by 1 mm white quartz veinlet at 30, at 358.7 cut by 1 cm white quartz pyrite veinlet at 20, bottom part strongly silicified. 359.30 359.65 Lapilli tuff completely silicified by black quartz, one 1 mm quartz veinlet at 60	FX080876 FX080877	358.07 359.30	359.30 359.65	1.23 .35		.520 .310	1.7 .8	71 27	173 36	11 5
359.65	359.82	QUARTZ VEIN Quartz vein, white borders, centre gray quartz breccia, cutting at 20, true width 7 cm, trace pyrite.	FX080878	359.65	359.82	.17		.470	.8	24	29	5
359.82	362.35	LOWER MARAMA FM - AGGLOMERATE Fragments up to 20 cm of porphyritic trachyte, matrix brownish gray, cut by many quartz veins as follows: matrix replaced by black silica from 360.3 to 360.85, 361.28 361.48 lost core, at 361.05 cut by multistage quartz vein breccia, black white and gray quartz, some bladed texture, true width 4 cm, trace pyrite, cutting at 40, at 361.75 cut by 2 cm multistage quartz vein breccia at 30 with on either henging wall a 5 cm zone of strongly silicified matrix, some late irregular calcite filling along later fractures.	FX080879 FX080880 FX080881	359.82 361.00 361.85	361.00 361.85 362.35	1.18 .85 .50		1.620 2.410 1.160	6.3 2.1 2.1	331 53 54	37 111 84	821 116 116

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
362.35	364.33	QUARTZ VEIN										
	362.35 363.03	Quartz vein at 40 to 50, first 10 cm is quartz vein breccia, then 20 cm multistage quartz vein, banded, white and gray quartz, abundant bladed texture, some calcite left, then 35 cm white quartz vein, trace pyrite.	FX080882	362.35	363.03	.68		2.540	2.7	25	97	140
			FX080883	363.03	363.53	.50		.590	1.3	52	0	181
			FX080884	363.53	364.33	.80		.840	1.3	41	135	146
	363.03 363.53	Quartz vein breccia mainly white quartz fragments with vein and tuff fragments up to 10 cm, matrix black quartz.										
	363.53 364.33	Multistage quartz vein and quartz vein breccia, white light gray dark gray brownish and black quartz, cutting at 60, some bladed texture some calcite left, 1 pyrite band of 2 mm.										
364.33	365.03	LOWER MARAMA FM - AGGLOMERATE										
		Agglomerate as above few irregular quartz veinlets.	FX080885	364.33	365.03	.70		.113	.8	14	27	21
365.03	365.63	QUARTZ VEIN										
		Very complex multistage quartz veins and vein breccias cutting at 70, banded, white gray and black quartz, irregular pyrite blebs and bands, agglomerate fragments.	FX080886	365.03	365.63	.60		.205	.4	168	20	366
365.63	374.18	LOWER MARAMA FM - AGGLOMERATE										
		Not sampled from 369.6 - 374.18.	FX080887	365.63	367.43	1.80		.050	.7	51	21	43
	365.63 367.43	3 irregular quartz veinlets up to 1 cm at	FX080888	367.43	367.85	.42		2.740	106.4	135	17	4268

FROM M	TO M	**********DESCRIPTION**********	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		40.	FX080889	367.85	369.60	1.75		.250	6.8	119	25	136
	367.43 367.85	Agglomerate as above strongly silicified, black matrix with white quartz vein at 70, true width 7 cm.										
	367.85 369.60	4 quartz veinlets.										
	369.60 374.18	Agglomerate as above greenish matrix, few quartz veinlets.										
374.18 377.83		LOWER MARAMA FM - LAPILLI TUFF										
		Greyish greenish matrix, fragments up to 5 cm at 374.23 multistage banded vein, 6 cm true width, cutting at 60 cross cutting pyrite band, at 374.65 2 cm white quartz vein at 50, 375.75 376.48 strongly brecciated and silicified, 2 cm quartz veinlet at 40, 376.48 377.83 2 quartz veinlets.	FX080890	374.18	374.70	.52		.630	2.4	117	29	72
			FX080891	375.75	376.48	.73		2.020	3.1	53	n/a	28
			FX080892	376.48	378.28	1.80		.740	2.2	34	44	24
377.83 378.28		DIKE										
		Trachyte dike.										
378.28 379.05		LOWER MARAMA FM - BRECCIA										
		Volcanic breccia strongly silicified, black matrix, 2 quartz veinlets.	FX080893	378.28	379.05	.77		.210	2.0	44	46	6
379.05 379.35		QUARTZ VEIN										
		Very complex quartz vein breccia, several stages of veining and brecciation, cutting at 80, true width 30 cm	FX080894	379.05	379.35	.30		60.350	90.9	71	30	71

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
379.35	387.93	LOWER MARAMA FM - LAPILLI TUFF										
	379.35 380.45	Greenish and brownish, 7 quartz veinlets up to 2 cm several irregular pyrite bands.	FX080895	379.35	380.45	1.10		3.710	14.3	4	23	165
			FX080896	380.45	381.48	1.03		.080	1.5	84	19	14
	380.45 381.48	No quartz veinlets.	FX080897	381.48	382.93	1.45		1.240	2.0	49	23	17
	381.48 382.93	6 quartz veinlets at 70 up to 3 cm.	FX080898	382.93	384.43	1.50		.560	1.2	96	18	17
	382.93 384.43	2 quartz veinlets.	FX080899	384.43	385.93	1.50		1.550	2.3	4	17	103
	384.43 385.93	4 quartz veinlets at 50 up to 1 cm, 5 to 10 % disseminated pyrite.	FX080900	385.93	386.93	1.00		.560	.6	18	19	2
			FX080901	386.93	387.93	1.00		.395	3.9	40	0	4
	385.93 386.93	5 quartz veinlets.										
	386.93 387.93	Strongly silicified black matrix, 2 irregular 1 cm grey quartz veinlets at 387.03, at 387.5 5 cm banded quartz vein at 50, white and gray quartz, bedding at 70.										
387.93	388.29	QUARTZ VEIN										
		Vein complex multistage, white and gray vein and vein breccia, cut by later gray quartz veinlets at 50, earlier veins cutting at 60 to 80, bladed texture in white quartz.	FX080902	387.93	388.29	.36		6.600	6.7	32	74	17
388.29	398.46	LOWER MARAMA FM - LAPILLI TUFF										
	388.29 388.70	Brownish cut by 3 quartz veinlets, silicified.	FX080903	388.29	388.70	.41		.450	2.4	29	16	2
			FX080904	388.70	389.03	.33		3.090	4.7	11	56	27
	388.70 389.03	Cut by two 10 cm quartz vein breccias, contacts at 60 to 70.	FX080905	389.03	389.55	.52		7.010	.1	14	22	3
			FX080906	389.55	390.85	1.30		.150	2.8	49	26	1
	389.03 389.55	30% of core length cut by multistage veins and vein breccias, contacts at 50 to 70.	FX080907	390.85	392.07	1.22		.350	4.4	71	32	2
			FX080908	392.07	393.60	1.53		.485	1.7	25	37	1
	389.55 392.07	Mixture of agglomerate and lapilli tuff, brownish matrix, greenish fragments up to	FX080909	393.60	395.62	2.02		.425	1.7	47	59	1
			FX080910	395.62	396.72	1.10		1.560	1.9	29	177	1

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
234.50	235.60	LOWER MARAMA FM - CARBONACEOUS MUDSTONE										
		234.50 235.60 Mudstone, black and black tuff, locally with abundant white altered feldspar fragments, bedding at 60.										
235.60	237.50	LOWER MARAMA FM - TUFF										
		Tuff gray fine grained bedding at 60, locally black, lower contact at 60.										
237.50	238.67	LOWER MARAMA FM - LAPILLI TUFF										
		Lapilli tuff black matrix, fragments up to 1 cm, locally up to 4 cm.										
238.67	240.73	LOWER MARAMA FM - TUFF										
		Tuff carbonaceous black very fine grained silicified, bedding at 60.	FX080917	238.67	240.73	2.06		.001	.1	206	7	30
240.73	241.85	LOWER MARAMA FM - LAPILLI TUFF										
		Lapilli tuff brownish matrix fragments up to 2 cm bedding at 60.										
241.85	247.03	LOWER MARAMA FM - TUFF										
		241.85 245.08 Carbonaceous black very fine grained silicified, some small vugs filled with crystalline quartz 245.08 246.73 fine grained brownish and grayish bedding at 60	FX080918	241.85	243.43	1.58		.001	.1	167	94	62
			FX080919	243.43	245.08	1.65		.002	.1	295	15	24

FROM M	TO M	**********DESCRIPTION**********	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		246.73 247.03 black partly silicified.										
247.03	250.56	LOWER MARAMA FM - LAPILLI TUFF Lapilli tuff gray fragments up to 1 cm, bedding at 60, many fragments of feldspar ? altered to light green sericite ?.										
250.56	253.50	LOWER MARAMA FM - TUFF Tuff gray fine grained bedding at 60, same light green alteration as above.										
253.50	257.53	LOWER MARAMA FM - UNDIFFERENTIATED TUFFS Pyroclastic alternation of lapilli tuff, agglomerate with fragments up to 6 cm, and black silicified tuff, from 255.5 few gray 1 mm quartz veinlets, pyrite in 1 mm beds, 2% disseminated and around fragments, pyrite only in coarser pyroclastics.	FX080920 FX080921	255.50 257.23	257.23 257.53	1.73 .30		.055 .026	.7 .3	139 54	72 10	7 5
257.53	266.22	LOWER MARAMA FM - AGGLOMERATE 257.53 266.22 Agglomerate very inhomogeneous with fragments up to 30 cm mainly of greenish porphyritic trachyte, black silicified matrix, bedding at 60, several irregular quartz veinlets some with pyrite, several silicified breccia zones with gray quartz, variable pyrite up to 2%, 265.67 266.02 silicified breccia zone with gray quartz and quartz veining.	FX080922 FX080923 FX080924 FX080925 FX080926 FX080927 FX080928 FX080929 FX080930	257.53 259.38 260.18 260.43 261.17 261.92 262.92 263.45 264.22	259.38 260.18 260.43 261.17 261.92 262.92 263.45 264.22 265.57	1.85 .80 .25 .74 .75 1.00 .53 .77 1.35		.041 .072 .075 .082 .130 .156 .540 .110 .120	.9 1.1 1.2 1.5 1.7 1.9 3.8 1.4 2.6	115 151 189 175 211 256 647 263 389	30 31 30 49 24 41 25 15 44	2 7 20 9 42 83 133 36 58

FROM M	TO M	**********DESCRIPTION**********	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
			FX080931	265.57	266.22	.65		.625	4.1	383	59	194
266.22	266.67	QUARTZ VEIN Multistage vein and vein breccia at 35, white gray and black quartz irregular pyrite.	FX080931	266.22	266.77	.55		.625	4.1	383	59	194
266.67	267.92	LOWER MARAMA FM - AGGLOMERATE As to 266.22.	FX080932	266.77	267.92	1.15		.225	3.2	312	25	124
267.92	271.92	LOWER MARAMA FM - VOLCANIC FLOW(UNIT 2B) Trachyte, Unit 2b porphyritic aphanitic brownish groundmass small feldspar phenocrysts and many small roundish vugs ? filled with dark and greenish material and surrounded a green ring cut by few quartz veinlets, irregular pyrite near quartz veinlets. Not sampled 269.77 to 273.57.	FX080933	267.92	269.67	1.75		.135	2.6	326	36	121
271.92	279.80	LOWER MARAMA FM - AGGLOMERATE Agglomerate as to 267.92, from 273.57 to 274.47 several partly brecciated zones partly filled with quartz and pyrite. Not sampled 274.47 to 276.52.	FX080934	273.57	274.47	.90		.108	3.3	310	25	393
			FX080935	276.52	278.39	1.87		.081	1.8	88	42	8
			FX080936	278.39	279.80	1.41		.125	2.4	66	40	4
279.80	281.20	QUARTZ VEIN Vein breccia very complex, many quartz and agglomerate fragments and white and gray quartz matrix filling locally mixed with red hematite, core recovery 91%.	FX080937	279.80	281.20	1.40		2.920	11.5	39	41	4

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
281.20	294.04	LOWER MARAMA FM - AGGLOMERATE										
		Agglomerate as above matrix brownish gray silicified, few quartz veins up to 4 cm, some banded, white and gray quartz, most veins cutting at 70, some at 00 to 20.	FX080938	281.20	282.86	1.66		.550	3.0	111	77	9
			FX080939	282.86	284.34	1.48		.450	2.0	92	66	45
			FX080940	284.34	285.72	1.38		.120	1.7	49	102	36
			FX080941	285.72	287.22	1.50		.075	1.4	48	76	18
			FX080942	287.22	288.61	1.39		.135	1.3	61	52	2
			FX080943	288.61	290.00	1.39		.043	1.5	56	27	7
			FX080944	290.00	291.45	1.45		.445	2.1	49	23	40
			FX080945	291.45	292.94	1.49		.064	1.4	62	32	23
			FX080946	292.94	294.04	1.10		.062	1.8	52	29	16
294.04	295.00	QUARTZ VEIN										
		Vein gray quartz vein breccia at 50, recovery 90%.	FX080947	294.04	295.00	.96		2.420	4.7	21	91	4
295.00	297.95	LOWER MARAMA FM - AGGLOMERATE										
		Agglomerate as above.	FX080948	295.00	296.50	1.50		.750	2.1	39	34	5
			FX080949	296.50	297.95	1.45		.171	1.6	50	36	3
297.95	298.70	QUARTZ VEIN										
		Vein complex quartz vein breccia, white and gray quartz, at 50, rare pyrite.	FX080950	297.95	298.70	.75		1.920	3.9	8	42	9
298.70	299.30	LOWER MARAMA FM - AGGLOMERATE										
		Agglomerate as above cut by 10 cm true width, multistage quartz vein at 20 to 30, white gray and black quartz.	FX080951	298.70	299.30	.60		1.150	3.6	21	36	42

FROM M	TO M	**********DESCRIPTION**********	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		**********ANALYSES**********										
299.30	299.80	LOWER MARAMA FM - TRACHYTE FLOW										
		Trachyte flow light gray, bleached, 2 quartz veinlets.	FX080952	299.30	299.80	.50		.147	2.2	35	33	2
299.80	300.87	QUARTZ VEIN										
		Vein 75% of sample is complex multistage veins cutting agglomerate at 30 and 50, white and gray quartz.	FX080953	299.80	300.87	1.07		4.200	5.4	23	33	2
300.87	305.47	LOWER MARAMA FM - TRACHYTE FLOW										
		Trachyte flow few quartz veinlets, lower contact at 60,	FX080954	300.87	302.53	1.66		.280	1.3	57	39	3
		304.19 305.47 trachyte is invaded for 80% by quartz	FX080955	302.53	304.19	1.66		.840	1.9	31	36	1
		vein breccias and quartz veins at 30, gray and white quartz.	FX080956	304.19	305.47	1.28		1.920	2.3	28	35	7
305.47	309.33	LOWER MARAMA FM - AGGLOMERATE										
		Agglomerate as above alternating zones of black matrix	FX080957	305.47	307.50	2.03		.360	2.2	42	20	1
		and brown matrix, most fragments of greenish	FX080958	307.50	308.32	.82		.630	2.0	23	21	1
		porphyritic trachyte, few quartz veinlets locally	FX080959	308.32	309.33	1.01		.046	1.6	23	34	1
		disseminated pyrite 307.50 308.32 cut by several quartz veins up to 10 cm wide at 50 to 70.										
309.33	309.75	QUARTZ VEIN										
		Vein gray quartz upper contact at 30, lower contact at 05	FX080960	309.33	309.75	.42		.480	1.1	15	16	2
309.75	318.22	LOWER MARAMA FM - AGGLOMERATE										
		Agglomerate as above large fragments and flows of	FX080961	309.75	310.96	1.21		.405	1.7	24	25	1
		trachyte become more common with depth, 310.96 312.28 3	FX080962	310.96	312.28	1.32		.230	2.1	29	25	1
		gray quartz veins at 30 to 70 up to 4 cm wide, 312.28	FX080963	312.28	313.00	.72		2.270	2.3	24	25	2

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		313.0 strongly silicified cut by irregular quartz	FX080964	313.00	314.07	1.07		.550	3.2	40	24	4
		breccias, 313.00 314.07 cut by 3 quartz veinlets,	FX080965	314.07	315.37	1.30		1.680	2.8	27	22	3
		314.07 315.37 cut by 4 multistage white and gray quartz	FX080966	315.37	316.75	1.38		.250	2.0	37	25	3
		veins at 30 up to 6 cm wide, at 317.82 10 cm quartz vein	FX080967	316.75	318.22	1.47		2.870	4.3	56	24	18
		at 70.										
318.22	325.72	LOWER MARAMA FM - TRACHYTE FLOW										
		Trachyte greenish feldspar phenocrysts up to 5 mm,	FX080968	318.22	319.96	1.74		.109	1.5	44	28	1
		several 1 to 2 cm quartz veinlets at 30 to 50, lower	FX080969	319.96	321.95	1.99		.220	1.6	104	24	1
		3.5 metre rare quartz veinlets, lower 50 cm partly										
		brecciated and silicified, at 321.73 15 cm multistage										
		banded vein at 50.										
325.72	327.37	FAULT										
		Fault strongly sheared and chlorite altered trachyte,	FX080970	325.72	325.92	.20		.034	.8	9	31	5
		325.92 326.22 multistage quartz vein breccia upper	FX080971	325.92	326.22	.30		1.950	1.8	163	26	159
		contact ground lower contact at 80.										
327.37	332.50	LOWER MARAMA FM - VOLCANIC FLOW(UNIT 2B)										
		Trachyte, Unit 2b brecciated strongly silicified and cut	FX080972	327.37	328.50	1.13		.194	1.0	60	22	25
		by quartz veins up to 1% disseminated pyrite, gray	FX080973	328.50	330.50	2.00		.147	1.9	112	26	28
		green, lower contact at 45.	FX080974	330.50	332.50	2.00		.098	1.7	83	24	16
332.50	337.20	MARRON FORMATION - TRACHYTE PORPHYRY										
		Marron Formation, porphyritic trachyte, phenocryst of										
		Kspar up to 1 cm rare quartz veinlet.										
		332.50 336.00 Green strongly sheared and altered mainly										
		by chlorite.										

FROM M	TO M	**********DESCRIPTION**********	SAMPLE#	FROM M	TO M	LENGTH M	**********ANALYSES********** MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		336.00 337.20 Red, massive.										

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: -363.6 M	NTS SHEET #	:	STARTED	: 28 august 1987
PROPERTY	: VAULT	DEPARTURE	: 777.4 M	TOWNSHIP	:	COMPLETED	: 8 sept 1987
BOREHOLE	: 72417-0	ELEVATION	: 501.4 M	PROVINCE	: BC	MEASUREMENTS	: M
AZIMUTH	: 356.0	BL AZIMUTH	: 90	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -58.0	GRID BEARING	:	CLAIM #	:	DRILL TYPE	: Longyear 38
DEPTH	: 483.5 M	LOGGED BY	: Wim Groeneweg	GRID NAME	:	TEST METHOD	: Sperry Sun
				CORE SIZE	: NQWL	ASSAYED FOR	: AU + ACME ICP

COMMENTS : recovery 100% unless noted, core stored on property
hole is located 1270 m E and 535 m S of NW corner of Vault 1
LEFT IN HOLE:nothing left in hole

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
58.54	359.0	-56.00	180.49	363.0	-56.00	300.61	366.0	-54.00	404.27	367.0	-50.00
119.51	362.0	-56.00	241.46	364.0	-55.00	346.34	365.0	-52.00	481.71	369.0	-50.00

**********DESCRIPTION**********

FROM M	TO M	
.00	10.35	OVERBURDEN
10.35	393.70	DACITE Upper Marama Formation, Unit 3, gray to purple, very fine grained matrix, porphyritic, small augite phenocrysts, plagioclase phenocrysts to 1 mm massive weakly fractured, locally medium fractured, fractures filled with calcite and from 90.0 with calcite or hematite, locally 1 to 2 mm wide quartz veinlets at 10 to 20, flow banding at 70 to 80, quartz veinlets cut by calcite veinlets, 34.40 34.50 quartz vein white and greenish white.

**********ANALYSES**********

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX080975	34.40	34.50	.10		.006	.5	2	1	1
FX080976	105.20	105.30	.10		.001	.2	3	30	1
FX080977	361.90	362.10	.20		.014	.1	2	35	1

FROM M	TO M	**********DESCRIPTION**********	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		105.20 105.30 Cut by quartz veinlet 2 mm wide at 50.										
		361.90 362.10 Cut by 1 cm quartz veinlet at 20 with hematite borders, walls brecciated.										
		365.00 393.00 Cut by 1 to 2 hairline quartz veinlets per m at 40 to 50.										
		386.00 392.90 Banding at 45 and bleached appearance.										
		392.90 393.70 Brecciated lower contact at 45.										
393.70	409.20	LOWER MARAMA FM - CARBONACEOUS MUDSTONE Mudstone, black carbonaceous tuffaceous, locally dark gray very fine grained tuffaceous mudstone and fine grained gray tuff and lapilli tuff, bedding at 45 to 55, locally large pyrite fragments, few hairline quartz veinlets, 401.6 404.6 hard silicified black mudstone or tuff with few quartz veinlets and few thin pyrite beds.										
409.20	421.70	LOWER MARAMA FM - TUFF Tuff gray and lapilli tuff with fragments up to 2 cm, bedding at 50 to 55, 412.7 416.2 light green sericite ? alteration as blebs up to 1 cm along tiny fractures.										
421.70	424.80	LOWER MARAMA FM - TRACHYTE FLOW Trachyte light gray very fine grained matrix slightly porphyritic massive.										
424.80	428.45	LOWER MARAMA FM - TUFF Tuff black sheared, top 10 cm fault gouge, strongly altered matrix to clay and many irregular blebs and	FX080978	426.15	427.45	1.30		.023	.8	22	94	87

FROM M	TO M	**********DESCRIPTION**********	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		patches to light green sericite ? up to 2 cm.										
428.45	433.30	LOWER MARAMA FM - LAPILLI TUFF										
	428.45	432.45 Lapilli tuff black and gray layers bedding at 45.	FX080979	432.45	433.30	.85		.158	2.4	90	72	24
	432.45	433.30 Lapilli tuff black, several quartz veinlets up to 1 cm gray quartz at 40 to 90										
433.30	452.20	LOWER MARAMA FM - AGGLOMERATE										
	433.30	443.17 Agglomerate black, fragments up to 10 cm but generally 0.5 to 5 cm 438.80 439.35 cut by gray quartz veining at 30 to 40 for 50% of the core length.	FX080980	433.30	434.32	1.02		1.780	2.9	40	410	5
			FX080981	434.32	435.85	1.53		1.040	4.6	153	94	6
			FX080982	435.85	437.70	1.85		1.480	2.8	119	37	3
			FX080983	437.70	438.80	1.10		.850	2.2	113	36	4
	443.17	445.00 Agglomerate brown silicified matrix, fragments of green porphyritic trachyte up to 10 cm, several white quartz veinlets, at 444.1 7 cm multistage white and gray quartz vein at 45 to 50, 444.67 445.0 with irregular quartz veining.	FX080984	438.80	439.35	.55		.440	1.6	21	68	5
			FX080985	439.35	440.70	1.35		1.380	3.7	106	30	6
			FX080986	440.70	442.10	1.40		.850	2.3	39	68	1
			FX080987	442.10	443.17	1.07		.720	1.5	19	30	1
			FX080988	443.17	443.90	.73		.280	1.3	15	31	1
			FX080989	443.90	444.67	.77		3.640	3.3	38	46	1
	445.00	446.45 Agglomerate as above with 8 quartz veinlets and at 445.7 4 cm white quartz vein with black bands and 1% disseminated pyrite at 45.	FX080990	444.67	445.00	.33		1.540	1.9	90	20	1
			FX080991	445.00	446.45	1.45		2.430	2.9	160	85	9
			FX080992	446.45	447.90	1.45		1.730	1.5	7	34	2
			FX080993	447.90	449.35	1.45		1.080	1.0	16	65	2
	446.45	447.90 Agglomerate as above with 8 white quartz veinlets and at 447.47 4 cm white gray and black quartz vein at 50.	FX080994	449.35	450.80	1.45		1.050	1.0	9	37	13
			FX080995	450.80	452.20	1.40		.520	.6	6	379	1
	447.90	449.35 Agglomerate as above with 3 quartz veinlets and at 449.3 5 cm white and greenish quartz vein at 55.										
	449.35	450.80 Agglomerate as above with 2 quartz										

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		veinlets and at 449.65 4 cm irregular white quartz vein at 60 and at 450.0 12 cm greenish white quartz vein at 45.										
	450.80	452.20 Agglomerate as above with 4 quartz veinlets										
452.20	455.90	LOWER MARAMA FM - TUFF										
		Tuff fine grained gray with 6 quartz veinlets per m.	FX080996	452.20	453.65	1.45		.820	1.2	144	124	181
			FX080997	453.65	454.50	.85		.102	1.5	22	99	5
			FX080998	454.50	455.90	1.40		.360	3.1	35	74	20
455.90	465.23	LOWER MARAMA FM - AGGLOMERATE										
	455.90	457.17 Agglomerate with brown matrix and green trachyte fragments, 4 quartz veinlets.	FX080999	455.90	457.17	1.27		.153	1.5	39	24	30
			FX081000	457.17	457.47	.30		.130	1.7	14	21	7
	457.17	457.47 Agglomerate as above cut by irregular white quartz flooding.	FX242001	457.47	458.91	1.44		.240	1.7	31	24	17
			FX242002	458.91	459.35	.44		.590	1.4	21	16	51
	457.47	458.91 Agglomerate as above with 2 quartz veinlets and 1 gray 4 cm quartz vein.	FX242003	459.35	460.30	.95		.115	1.3	25	21	9
			FX242004	460.30	460.93	.63		.650	4.9	89	54	491
	458.91	459.35 Agglomerate as above with strongly silicified gray matrix.	FX242005	460.93	462.00	1.07		.240	1.6	38	39	17
			FX242006	462.00	463.30	1.30		.105	1.7	15	36	3
	459.35	460.30 Agglomerate as above with 3 quartz veinlets and a 2 cm gray quartz vein at 45.	FX242007	463.30	464.63	1.33		.129	1.5	13	110	51
			FX242008	464.63	465.23	.60		.780	2.5	43	31	166
	460.30	460.93 Agglomerate as above, 80% of sample is white gray and black quartz breccia.										
	460.93	462.00 Agglomerate as above, 40% cut by irregular gray quartz veining.										
	462.00	463.30 Agglomerate as above with 8 gray quartz veinlets.										
	463.30	464.63 Agglomerate as above with a 1 cm and a 5 cm gray quartz vein.										
	464.63	465.23 Agglomerate as above, 60% composed of gray										

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		and black quartz breccia.										
465.23	483.54	MARRON FORMATION - TRACHYTE PORPHYRY										
		Porphyritic trachyte with Kspar phenocrysts from 5 mm to 2 cm, massive, reddish when fresh.	FX242009	465.23	466.10	.87		.125	1.2	19	107	23
		465.23 466.10 Trachyte as above altered reddish, Kspar phenocrysts altered to sericite, 2 quartz veinlets.	FX242010	466.10	466.77	.67		.007	.4	2	89	1
			FX242011	466.77	468.30	1.53		.076	.5	14	35	1
			FX242012	468.30	469.75	1.45		.072	.5	11	83	1
			FX242013	469.75	471.25	1.50		.002	.4	9	56	1
		466.10 466.77 Trachyte as above altered greenish 2 quartz veinlets.	FX242014	471.25	472.55	1.30		.002	.2	8	69	1
			FX242015	472.55	473.45	.90		.003	.4	2	173	1
		466.77 469.75 Trachyte as above greenish and reddish, Kspar phenocrysts altered to sericite, 2 quartz veinlets per m.										
		469.75 473.45 Trachyte as above 3 quartz veinlets per m.										
		473.45 474.20 Trachyte tuff fine grained red.										
		474.20 483.54 Trachyte as above no quartz veinlets.										

**********INCO LIMITED**********

FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: -404.0 m	NTS SHEET #	:	STARTED	: 9 sept 1987
PROPERTY	: VAULT	DEPARTURE	: 873.4 m	TOWNSHIP	:	COMPLETED	: 21 sept 1987
BOREHOLE	: 72418-0	ELEVATION	: 483.4 m	PROVINCE	: BC	MEASUREMENTS	: m
AZIMUTH	: 356.0	BL AZIMUTH	: 90	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -60.0	GRID BEARING	:	CLAIM #	:	DRILL TYPE	: Longyear 38
DEPTH	: 442.4 m	LOGGED BY	: Wim Groeneweg	GRID NAME	:	TEST METHOD	: Sperry Sun
				CORE SIZE	: NQWL	ASSAYED FOR	: AU + ACME ICP

COMMENTS : recovery 100% unless noted, core stored on property
hole is located 1370 m E and 570 m S of NW corner of Vault 1
LEFT IN HOLE:8.85 m of NX casing left in hole, casing plugged, hole abandoned

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
32.32	358.0	-58.00									

**********DESCRIPTION**********

FROM m	TO m	
.00	8.85	OVERBURDEN
8.85	435.10	DACITE Upper Marama formation, Unit 3, gray to purple, very fine grained matrix, porphyritic small phenocrysts of augite and plagioclase, massive, weakly fractured fractures filled with calcite and hematite, flow banding at 50 to 70, 432.00 435.10 greenish and bleached appearance, lower contact irregular.
435.10	442.40	LOWER MARAMA FM - CARBONACEOUS MUDSTONE Mudstone black carbonaceous tuffaceous, alternated with

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		fine grained gray tuff, locally pyrite as disseminations, fracture fillings and thin layers hole abandoned at 435.1 after massive cave-in from 435 to 442 m.										

**********INCO LIMITED**********

FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	: SEVEN MILE HIGH J.V.	LATITUDE	:S -232.7 M	NTS SHEET #	: 82 E 5E	STARTED	: 10/26/87
PROPERTY	: VAULT	DEPARTURE	:E 821.3 M	TOWNSHIP	:	COMPLETED	: 11/02/87
BOREHOLE	: 72419-0	ELEVATION	: 465.0 M	PROVINCE	: BRITISH COLUMBIA	MEASUREMENTS	: M
AZIMUTH	: 355.0	BL AZIMUTH	:	COUNTRY	: CANADA	DRILLED BY	: BEAUPRE DRILLING
DIP	: -63.0	GRID BEARING	:	CLAIM #	: VAULT #1	DRILL TYPE	:
DEPTH	: 366.8 M	LOGGED BY	: E. HUNTER	GRID NAME	:	TEST METHOD	: ACID + SPERRY-SUN
				CORE SIZE	: NQWL	ASSAYED FOR	: AU + ACME ICP

COMMENTS : 1323M EAST, 401M SOUTH OF NW CORNER VAULT 1. CORE STORED NEXT TO 72401
100% RECOVERY UNLESS NOTED

LEFT IN HOLE:

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
41.50	353.0	-61.50	206.10	356.5	-60.50	350.00	360.0	-59.30			
122.00	354.5	-61.00	274.40	359.0	-60.20						

**********DESCRIPTION**********

FROM M	TO M	
.00	3.66	OVERBURDEN
3.66	304.50	UPPER MARAMA FM - BASALT PORPHYRY
3.66	46.50	Gray-green fine grained matrix with small feldspar phenocrysts. Moderately to highly fractured at 45 and 60 degrees. Locally auto-brecciated with carbonate and hematite cement. occasional thin carbonate stringer at 30 degrees.
46.50	146.00	As above but more solid core , weakly fractured , gray-purple , local flow banding at 60 to 90 degrees. Local

**********ANALYSES**********

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		brecciation with pink and white carbonate cement.										
	146.00	161.00 As above but moderately to highly fractured and broken.										
	161.00	304.50 As above but solid core, only weakly fractured at 35 to 45 degrees and occasionally at 70 to 80 degrees. Locally amygdaloidal. Local brecciation with pink and white carbonate cement. Chilled lower contact with flow-banding at 70 degrees.										
304.50	315.82	LOWER MARAMA FM - CARBONACEOUS MUDSTONE Black carbonaceous mudstone , locally pyritic. Tuffaceous intermixed with carbonaceous lapilli tuff. Generally soft altered but locally silicified. 95 % recovery.										
315.82	316.55	LOWER MARAMA FM - LAPILLI TUFF Gray-brown moderate silicification. Polymictic volcanic clasts up to 4 centimetre. 3 % gray and white quartz flooding. 1 to 2 % pyrite as rims on some clasts.	FX242016	315.82	316.55	.73	1-2	.260	1.0	51	222	4
316.55	317.64	RHYOLITE Dike. Sharp contacts at 60 degrees. Light gray to white with 3 % quartz pyrite fracture filling microbreccia cement.	FX242017	316.55	317.64	1.09	3	.058	.5	35	92	1
317.64	324.30	LOWER MARAMA FM - LAPILLI TUFF										

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
	317.64 321.20	As at 316.55. Very hard silicified groundmass with only a few 1 millimetre to 3 millimetre gray quartz stringers. 2 % pyrite.	FX242018	317.64	319.30	1.66	2	.165	1.3	86	34	5
			FX242019	319.30	321.20	1.90	2	.041	.9	46	41	1
			FX242020	321.20	321.83	.63	5	1.640	3.7	37	31	3
			FX242021	321.83	323.23	1.40	-	.145	1.0	34	43	1
	321.20 321.83	As above , highly silicified with 5 % gray quartz and pyrite which is locally brecciated cemented by coarse white calcite.	FX242022	323.23	324.30	1.07	-	.075	1.6	92	113	3
	321.83 323.23	Hard silicified groundmass. Only one 5 millimetre gray quartz stringer at 45 degrees. A 50 centimetre block of trachyte porphyry.										
	323.23 324.30	As above. Very hard with numerous hairline gray quartz stringers.										
324.30 324.60		BRECCIA										
		Complex multistage veining and brecciation with black , gray and white quartz.	FX242023	324.30	324.60	.30	-	.127	6.8	55	329	305
324.60 331.57		LOWER MARAMA FM - LAPILLI TUFF										
	324.60 325.50	As at 324.30. Moderately silicified , minor brecciation with fragments of banded quartz.	FX242024	324.60	325.50	.90	-	.260	1.4	69	239	16
			FX242025	325.50	326.16	.66	2-3	.710	2.5	179	35	101
			FX242026	326.16	328.20	2.04	TR	.138	1.0	44	40	12
	325.50 326.15	Highly silicified, one or two stages of brecciation with 30 % gray quartz that has been brecciated. 2 to 3 % pyrite associated with hematite and sericite on fractures in the quartz.	FX242027	328.20	330.20	2.00	TR	.058	1.0	37	44	3
			FX242028	330.20	331.57	1.37	TR	1.170	5.5	81	42	118
	326.15 328.20	As above with occasional bomb over 10 centimetre. Hard moderately silicified										

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		groundmass with some hairline quartz stringers. One 1 centimetre gray and white quartz stringer at 65 degrees with distinct black pyritic margins.										
	328.20 330.20	As above. Only a few hairline quartz stringers.										
	330.20 331.57	As above but with 10 gray and white quartz stringers from 2 millimetre to 1 centimetre wide at 40 to 60 degrees , generally with distinct black pyritic margins.										
331.57 331.72	QUARTZ VEIN											
	Complex gray white black and brown banded quartz vein at 70 degrees.		FX242029	331.57	331.72	.15	-	3.180	53.7	199	93	3238
331.72 339.34	LOWER MARAMA FM - LAPILLI TUFF											
	331.72 333.15	Gray to brown weakly silicified with numerous 2 millimetre to 1 centimetre gray white and brown quartz stringers at 35 to 45 degrees.	FX242030	331.72	333.15	1.43	-	.630	2.7	152	86	68
			FX242031	333.15	334.75	1.60	-	.175	2.7	48	174	57
			FX242032	334.75	335.13	.38	-	.510	2.1	70	129	47
			FX242033	335.13	337.30	2.17	-	.163	1.7	78	75	62
	333.15 334.75	As above , weakly silicified , minor quartz stringers.	FX242034	337.30	339.34	2.04	-	.200	1.2	65	39	39
	334.75 335.13	As above with three 1 centimetre to 2 centimetre gray white and brown veins at 45 degrees. One vein is sub parallel to core axis.										
	335.13 339.34	Not silicified. Rare very thin quartz stringers.										

FROM M	TO M	**********DESCRIPTION**********	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
339.34	339.67	QUARTZ VEIN										
		Complex gray white and green banded quartz at about 30 degrees.	FX242035	339.34	339.67	.33	-	.780	41.4	123	131	3991
339.67	354.73	LOWER MARAMA FM - LAPILLI TUFF										
		339.67 344.36 As at 337.30 with rare to occasional black and white banded quartz veins and stringers to and 2 centimetre wide. Groundmass not silicified.	FX242036	339.67	342.50	2.83	-	.084	2.0	100	30	77
			FX242037	342.50	344.36	1.86	-	3.040	21.3	424	45	830
			FX242038	344.36	346.65	2.29	-	.159	3.5	210	53	55
			FX242039	346.65	348.32	1.67	-	.198	2.1	87	247	24
		344.36 346.65 Distinctly different from above lapilli tuff because there is abundant fragments of quartz and felsic material giving the core a speckled white green appearance. Similar material occurs in hole 72408 at 321m. Appears to be a primary texture. Weakly silicified with minor quartz stringers.	FX242040	348.32	350.90	2.58	-	.095	2.9	151	80	51
			FX242041	350.90	353.35	2.45	-	.164	3.4	79	106	8
			FX242042	353.35	354.73	1.38	-	.077	1.2	37	181	3
		346.65 348.32 As above but starting to pick up carbonaceous clasts.										
		348.32 350.90 Dark brown to black groundmass with pale green clasts to 5 centimetre across. Not silicified , minor thin gray quartz stringers.										
		350.90 353.35 As above. 5 quartz stringers from 2 millimetre to 1.5 centimetre at 35 degrees.										
		353.35 354.73 Gray green not silicified. A few 3 millimetre quartz stringers.										
354.73	355.38	BRECCIA										

FROM M	TO M	**********DESCRIPTION**********	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		Multistage brecciation and silicification. Gray quartz fragments surrounded by pyrite and cemented by brown quartz. About 30 % quartz in lapilli tuff.	FX242043	354.73	355.38	.65	TR	1.490	4.3	102	62	106
355.38	360.80	LOWER MARAMA FM - LAPILLI TUFF										
		355.38 356.63 Gray green , not silicified , occasional quartz fragments , minor thin stringers.	FX242044	355.38	356.63	1.25	-	.640	3.0	209	32	103
			FX242045	356.63	358.41	1.78	-	5.860	23.0	58	118	41
		356.63 358.41 As above , locally silicified with several thin quartz stringers.	FX242046	358.41	358.75	.34	TR	1.230	4.0	728	8	418
			FX242047	358.75	360.80	2.05	-	.220	1.6	42	104	21
		358.41 358.75 As above with 40 % quartz pyrite veining at 40 degrees. Quartz is weakly banded in shades of gray.										
		358.75 360.80 As at 356.63. Minor thin quartz stringers.										
360.80	366.77	MARRON FORMATION - TRACHYTE PORPHYRY										
		Purple-green weakly altered , not silicified , no veining										
		Foot of hole. All material removed.										

APPENDIX B

ANALYTICAL RESULTS

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 10 1987 DATE REPORT MAILED: Aug 18/87 ASSAYER. D. Toye .DEAN TOYE, CERTIFIED B.C. ASSAYER

CANADIAN NICKEL CO. File # 87-3149 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
FX-80816	28	17	20	49	.1	30	9	109	2.07	326	8	ND	5	308	1	9	2	8	.39	.013	23	8	.24	42	.01	10	.46	.08	.20	1	1
FX-80817	1108	11	13	116	4.1	12	8	83	2.93	497	5	ND	6	178	1	14	2	19	.37	.051	35	6	.20	42	.01	11	.52	.04	.22	1	445
FX-80818	791	11	20	46	4.2	7	10	228	6.81	1053	6	ND	8	210	1	29	2	38	.82	.123	45	8	.58	14	.01	4	.68	.07	.24	1	405
FX-80819	286	13	22	94	1.7	10	11	220	3.89	416	5	ND	8	201	1	12	2	32	.91	.095	64	15	.57	44	.01	20	.65	.07	.23	1	295
FX-80820	130	11	17	108	.9	8	8	394	4.70	101	5	ND	17	173	1	4	2	31	1.12	.121	111	12	.85	132	.01	3	.70	.06	.20	1	48
FX-80821	112	13	28	77	1.0	13	14	150	7.48	1056	5	ND	10	236	1	43	2	27	.67	.142	56	8	.42	13	.01	6	.85	.08	.34	1	285
FX-80822	219	10	25	57	2.2	10	7	243	4.77	511	5	ND	8	190	1	29	2	33	.74	.110	56	6	.55	21	.01	4	.58	.05	.21	1	215
FX-80823	12	16	21	112	.9	12	11	378	5.60	293	5	ND	16	248	1	7	2	46	.88	.164	101	29	.86	37	.01	15	.90	.07	.28	1	32
FX-80824	5	14	28	72	.4	22	15	281	4.50	259	5	ND	10	221	1	19	2	39	.78	.165	84	9	.67	77	.01	22	.94	.08	.33	1	55
FX-80825	82	12	22	165	.9	27	17	227	4.35	273	5	ND	10	255	1	12	2	37	1.01	.196	68	11	.60	58	.01	19	1.04	.09	.37	1	135
FX-80826	15	13	29	89	1.1	26	19	206	4.68	327	5	ND	11	219	1	18	2	30	1.23	.197	70	10	.59	38	.01	16	1.05	.09	.39	1	195
FX-80827	7	16	28	147	.3	29	20	222	4.48	243	5	ND	12	256	1	14	2	31	.89	.180	70	10	.51	52	.01	7	1.04	.10	.37	1	82
FX-80828	5	18	28	127	.5	35	17	231	5.18	183	5	ND	13	291	1	6	2	25	.72	.131	73	16	.52	30	.01	8	1.04	.11	.37	1	59
FX-80829	1	19	24	127	.1	27	15	293	4.09	111	5	ND	11	304	1	2	2	23	.54	.061	57	21	.52	62	.01	8	.78	.11	.31	1	35
FX-80830	1	20	22	147	.2	32	18	219	4.23	85	5	ND	18	230	1	3	2	22	.38	.046	79	15	.50	84	.01	8	.79	.11	.33	1	25
FX-80831	4	24	26	152	.7	42	18	225	5.52	119	5	ND	15	340	1	5	2	24	.64	.088	72	23	.54	38	.01	8	.87	.10	.32	1	36
FX-80832	13	7	21	80	1.0	31	6	85	2.68	45	5	ND	17	155	1	2	2	6	.20	.009	57	6	.22	27	.01	6	.40	.07	.22	1	78
FX-80833	62	14	22	9	2.9	16	13	32	1.51	213	5	ND	9	135	1	7	2	5	.11	.006	38	3	.06	32	.01	9	.32	.06	.18	1	108
FX-80834	189	20	35	141	15.2	20	9	45	5.95	480	5	3	9	78	1	7	2	9	.12	.005	34	2	.09	12	.01	3	.31	.04	.18	1	3120
FX-80835	29	9	15	80	3.6	16	6	52	1.73	111	5	ND	10	83	1	2	2	4	.24	.005	34	1	.08	26	.01	3	.28	.05	.19	1	96
FX-80836	217	10	17	92	4.5	16	7	53	2.10	131	5	ND	7	101	1	6	2	6	.79	.003	21	1	.11	15	.01	3	.26	.05	.16	1	590
FX-80837	11	22	23	275	2.4	38	26	100	3.67	111	11	ND	24	199	1	3	2	19	.17	.011	108	15	.29	29	.01	6	.50	.10	.26	1	32
FX-80838	23	12	26	53	3.8	21	13	34	1.97	112	5	ND	11	88	1	6	2	8	.08	.007	55	2	.06	27	.01	9	.32	.06	.24	1	720
FX-80839	101	40	19	17	2.3	7	3	29	1.45	75	5	ND	12	103	1	2	2	7	.06	.005	50	2	.06	24	.01	10	.37	.06	.26	1	605
FX-80840	9	3	18	3	.8	2	1	26	1.18	35	5	ND	14	115	1	2	2	5	.08	.004	43	5	.06	102	.01	5	.33	.06	.26	1	90
FX-80841	55	3	20	2	1.3	3	1	29	.79	30	6	ND	17	115	1	2	2	5	.09	.007	64	6	.05	147	.01	5	.37	.06	.26	1	195
FX-80842	9	4	20	3	1.2	5	2	28	1.17	54	5	ND	19	133	1	2	2	6	.09	.017	76	1	.05	56	.01	4	.35	.06	.26	1	185
FX-80843	8	4	23	3	1.3	5	2	19	1.68	62	5	ND	17	164	1	4	2	8	.09	.019	89	2	.05	41	.01	5	.35	.06	.26	1	610
FX-80844	110	24	22	11	11.2	9	4	59	1.51	60	5	3	6	106	1	2	2	7	.12	.005	34	7	.08	73	.01	4	.43	.05	.26	1	4180
FX-80845	299	17	47	152	3.2	31	25	122	3.31	117	6	ND	12	202	1	7	2	23	.16	.007	67	10	.23	25	.01	7	.59	.09	.24	2	605
FX-80846	4	21	18	322	.8	22	7	164	3.63	23	5	ND	15	180	1	2	2	19	.18	.009	74	14	.27	29	.01	6	.53	.09	.25	1	36
FX-80847	624	51	36	185	5.8	27	11	124	2.95	50	21	ND	10	126	1	3	2	15	.16	.006	64	6	.21	70	.01	4	.40	.06	.19	1	980
FX-80848	593	21	24	189	5.4	17	6	103	1.66	33	6	ND	6	85	1	2	2	11	.11	.003	24	4	.11	98	.01	3	.31	.04	.15	1	880
FX-80849	340	23	19	128	3.7	31	12	47	1.67	74	12	ND	12	127	1	4	2	13	.09	.005	55	2	.10	87	.01	5	.38	.07	.22	1	1720
FX-80850	363	21	28	158	3.3	34	16	47	2.58	141	5	ND	10	139	1	2	2	19	.09	.005	54	4	.11	24	.01	5	.40	.08	.23	1	340
FX-80851	528	7	9	97	5.6	10	3	69	1.32	73	5	3	3	87	1	5	2	8	.39	.002	18	1	.10	35	.01	3	.23	.04	.13	1	3010
STD C/AU-R	18	58	42	132	7.2	70	28	926	3.94	39	18	7	37	49	19	17	21	57	.48	.087	37	58	.88	175	.08	33	1.87	.08	.14	12	505

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
FX-80852	479	20	26	29	4.3	17	7	29	1.67	134	5	ND	8	109	1	13	2	7	.07	.006	37	1	.06	34	.01	4	.21	.06	.17	2	1340
FX-80853	13	17	22	168	1.2	14	5	40	.96	34	5	ND	11	105	1	4	2	6	.07	.005	38	2	.08	296	.01	9	.23	.06	.23	1	146
FX-80854	3	14	15	57	1.2	13	3	104	1.71	36	5	ND	14	114	1	2	2	10	.10	.008	36	1	.18	182	.01	3	.29	.05	.31	1	280
FX-80855	37	13	18	128	1.4	15	4	88	1.53	40	5	ND	21	109	1	2	2	9	.08	.005	47	1	.14	223	.01	3	.28	.06	.31	1	490
FX-80856	37	19	18	85	8.5	13	3	145	3.77	207	5	3	4	101	1	7	2	12	.17	.024	19	4	.20	14	.01	3	.24	.04	.16	1	5100
FX-80857	3	16	19	86	2.4	22	6	101	1.83	80	5	ND	5	109	1	4	2	10	.12	.010	27	1	.17	50	.01	4	.27	.05	.22	1	221
FX-80858	18	11	23	78	8.9	13	6	215	6.50	386	5	3	5	112	1	7	2	20	.32	.032	17	6	.41	17	.01	3	.27	.04	.13	1	4080
FX-80859	22	8	17	237	18.6	10	8	119	1.44	73	5	3	6	97	1	3	2	5	.16	.003	26	1	.16	123	.01	4	.25	.05	.17	1	3760
FX-80860	3	11	43	842	3.3	29	24	90	2.23	173	5	ND	17	171	1	7	2	7	.14	.011	89	1	.21	69	.01	5	.35	.09	.27	1	260
FX-80861	2	10	24	156	1.4	11	8	246	3.54	10	5	ND	16	281	1	2	2	25	.51	.127	100	5	.54	221	.01	5	.78	.09	.41	1	96
FX-80862	1	13	30	186	1.0	16	13	302	4.31	23	9	ND	16	256	1	2	2	21	.59	.108	103	3	.67	168	.01	5	.61	.09	.34	1	37
STD C/AU-R	19	58	41	133	7.3	71	29	951	3.94	39	20	8	38	51	19	16	21	59	.48	.092	38	61	.88	181	.08	34	1.87	.08	.14	13	505

Vault, B.C. NTS 82E-5E

BH 72414

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 17 1987 DATE REPORT MAILED: Aug 29/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

CANADIAN NICKEL File # 87-3376 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
FX-80863	1	35	21	45	.1	5	3	218	1.40	4	5	ND	6	179	1	2	2	23	2.17	.031	15	13	.30	19	.01	2	.82	.09	.02	1	2
FX-80864	50	13	9	30	.2	7	5	19	.61	131	5	ND	3	65	1	19	2	4	.13	.004	2	14	.01	6	.01	21	.36	.03	.04	5	1
FX-80865	14	7	8	11	.1	7	4	57	1.15	257	5	ND	4	36	1	45	2	3	.12	.002	2	14	.01	6	.01	4	.16	.02	.03	2	1
FX-80866	13	7	3	17	.1	3	2	53	.83	118	5	ND	1	13	1	14	2	1	.01	.001	2	18	.01	1	.01	15	.02	.02	.01	2	1
FX-80867	29	9	6	42	.1	7	4	64	1.19	225	5	ND	1	35	1	21	2	1	.04	.006	2	9	.01	1	.01	2	.09	.02	.02	2	1
FX-80868	34	10	4	73	.2	17	6	84	2.14	338	5	ND	1	30	1	37	2	1	.04	.006	2	10	.01	3	.01	2	.09	.02	.03	2	1
FX-80869	571	15	18	72	1.4	11	8	215	3.80	173	5	ND	11	142	1	8	8	61	.41	.103	53	30	.48	32	.01	3	1.79	.07	.17	1	52
FX-80870	29	13	19	87	.1	11	8	135	2.79	309	5	ND	10	209	1	3	2	28	.46	.082	53	22	.23	28	.01	3	1.52	.10	.24	3	19
FX-80871	680	10	20	66	1.8	4	4	116	2.34	232	5	ND	6	94	1	16	6	32	.41	.101	22	14	.23	16	.01	3	.95	.04	.11	1	74
FX-80872	31	15	17	36	1.2	17	7	392	2.34	33	5	ND	5	116	1	2	5	27	.39	.093	34	32	.66	104	.01	10	1.16	.04	.12	1	79
FX-80873	10	4	12	9	12.6	6	2	150	1.18	42	5	4	2	104	1	3	2	16	.73	.176	8	15	.19	199	.01	3	.45	.01	.07	1	5670
FX-80874	4	18	17	43	1.4	31	11	514	3.33	42	5	ND	8	129	1	2	2	34	1.37	.196	48	52	.85	144	.01	2	1.58	.03	.18	1	340
FX-80875	27	7	12	18	2.7	6	3	303	2.77	196	5	2	3	137	1	5	2	49	1.40	.406	14	17	.41	81	.01	3	.93	.02	.08	1	3150
FX-80876	11	16	28	60	1.7	19	8	392	2.67	71	5	ND	5	112	1	2	3	35	.86	.160	43	32	.65	173	.01	9	1.13	.03	.14	1	520
FX-80877	5	13	14	29	.8	10	3	256	1.68	27	5	ND	3	29	1	3	6	21	.21	.029	18	19	.43	36	.01	6	.70	.01	.08	2	310
FX-80878	5	8	7	14	.8	5	2	169	1.17	24	5	ND	3	34	1	2	2	16	.36	.052	11	11	.25	29	.01	2	.42	.01	.07	1	470
FX-80879	821	15	15	33	6.3	15	7	329	3.41	331	5	ND	5	90	1	21	5	42	1.06	.159	33	38	.79	37	.01	3	.97	.02	.08	25	1620
FX-80880	132	16	25	44	3.1	21	8	462	3.13	53	5	ND	6	142	1	2	2	52	1.35	.182	45	50	1.16	111	.01	3	1.22	.02	.09	1	2410
FX-80881	116	18	15	40	2.1	22	8	405	2.93	54	5	ND	5	122	1	2	3	38	1.03	.106	39	40	.88	84	.01	4	.86	.02	.11	1	1160
FX-80882	140	4	6	5	2.7	3	1	96	.72	25	5	ND	1	111	1	4	2	8	1.21	.059	3	8	.30	97	.01	2	.08	.01	.02	1	2540
FX-80883	181	9	4	8	1.3	2	2	140	1.72	52	5	ND	1	590	1	7	2	21	1.25	.089	5	12	.25	89	.01	2	.19	.01	.03	1	590
FX-80884	146	3	4	3	1.3	2	1	61	.77	41	5	ND	1	156	1	5	2	5	.46	.024	2	19	.14	136	.01	2	.05	.01	.01	1	840
FX-80885	21	18	17	46	.8	19	7	588	3.30	14	5	ND	5	78	1	2	8	52	.50	.079	44	45	1.12	27	.01	2	1.09	.02	.09	1	113
FX-80886	366	6	7	15	.4	5	3	284	3.25	168	5	ND	2	71	1	17	3	31	.58	.094	10	14	.53	20	.01	3	.39	.01	.02	1	205
FX-80887	43	21	20	67	.7	29	11	786	4.07	51	5	ND	8	79	1	2	3	89	.61	.128	64	70	2.03	21	.01	2	2.23	.03	.08	1	50
FX-80888	4268	22	9	66	106.4	20	5	234	2.30	135	5	2	4	44	1	21	20	67	.38	.125	28	29	.49	17	.01	6	.80	.02	.10	1	2740
FX-80889	136	15	27	115	6.8	25	11	227	2.72	119	5	ND	7	70	1	2	4	31	.42	.108	55	32	.52	25	.01	2	1.00	.03	.15	1	250
FX-80890	72	20	19	55	2.4	13	4	135	1.85	117	5	ND	5	51	1	9	2	20	.20	.038	26	21	.29	29	.01	2	.56	.02	.12	1	630
FX-80891	28	12	8	43	3.1	9	3	96	1.18	53	5	ND	4	36	1	5	2	15	.14	.028	22	12	.19	43	.01	2	.40	.01	.09	1	2020
FX-80892	24	19	15	88	2.2	14	8	385	4.27	34	5	ND	7	84	1	2	2	50	.44	.129	61	36	.75	44	.01	10	1.61	.03	.14	1	740
FX-80893	6	17	18	32	2.0	18	7	240	2.52	44	5	ND	4	64	1	2	2	33	.37	.074	29	32	.34	46	.01	5	.61	.01	.07	1	210
FX-80894	71	22	9	19	90.9	8	4	153	1.87	71	5	40	3	39	1	2	4	35	.40	.108	17	14	.27	30	.01	2	.38	.01	.09	1	60350
FX-80895	165	17	25	43	14.3	13	9	275	4.61	403	5	8	6	68	1	9	2	54	.47	.136	36	30	.54	23	.01	2	1.17	.02	.13	1	3710
FX-80896	14	15	24	56	1.5	21	10	234	3.51	84	5	ND	5	62	1	2	2	38	.42	.124	55	35	.57	19	.01	2	1.19	.02	.14	1	80
FX-80897	17	11	19	42	2.0	11	7	198	2.68	49	5	ND	8	51	1	2	2	28	.34	.095	46	24	.52	23	.01	2	.96	.02	.15	1	1240
FX-80898	47	15	24	51	1.2	18	9	315	4.51	96	5	ND	10	71	1	2	2	78	.46	.154	49	31	.79	18	.01	4	1.61	.03	.14	1	560
STD C/AU-R	21	61	41	130	7.2	72	29	1099	3.92	41	21	8	41	53	18	16	23	60	.48	.088	40	62	.87	187	.07	37	1.96	.07	.14	14	510

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
FI-80899	103	12	12	43	2.3	14	10	593	9.89	390	5	ND	8	128	1	2	2	160	1.02	.294	41	33	1.51	17	.01	17	2.92	.04	.07	1	1550
FI-80900	2	19	12	49	.6	27	8	349	3.86	18	5	ND	7	73	1	2	2	41	.45	.095	53	44	.87	19	.01	9	1.40	.04	.13	1	560

Vault, B.C NTS 82E-5E

BH 72415

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 20 1987 DATE REPORT MAILED: Aug 28/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

CANADIAN NICKEL File # 87-3469

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
FX 80901	4	17	22	65	3.9	43	19	231	2.68	40	5	ND	5	59	1	3	2	48	.43	.101	38	35	.55	15	.01	16	.86	.04	.13	2	395
FX 80902	17	2	4	14	6.7	3	1	64	.60	32	5	5	1	44	1	2	2	5	.36	.025	4	4	.18	74	.01	2	.09	.02	.04	1	6600
FX 80903	2	10	10	21	2.4	15	7	105	1.25	29	5	ND	4	51	1	2	2	18	.32	.068	25	12	.21	16	.01	2	.25	.03	.12	2	450
FX 80904	27	9	8	21	4.7	7	2	184	1.20	11	5	3	2	88	1	2	2	10	.83	.036	9	5	.41	56	.01	2	.16	.03	.08	2	3090
FX 80905	3	11	7	29	8.2	10	3	192	1.72	14	5	6	2	60	1	2	2	17	.48	.050	17	14	.38	22	.01	2	.51	.03	.11	2	7010
FX 80906	1	20	23	93	2.8	28	13	254	3.64	49	5	ND	8	95	1	3	2	36	.61	.157	66	30	.61	26	.01	2	1.31	.06	.23	1	150
FX 80907	2	22	45	216	4.4	26	10	404	4.84	71	5	ND	9	107	1	2	2	45	.73	.175	61	35	.84	32	.01	2	1.88	.06	.21	1	350
FX 80908	1	25	17	59	1.7	34	11	285	3.15	25	5	ND	6	95	1	2	2	30	.57	.157	41	47	.59	37	.01	2	1.26	.05	.20	1	485
FX 80909	1	21	18	56	1.7	32	11	343	4.06	47	5	ND	8	101	1	2	2	31	.61	.126	55	32	.76	59	.01	2	1.51	.06	.20	1	425
FX 80910	1	21	19	42	1.9	38	9	316	3.79	29	5	ND	8	106	1	2	2	27	.52	.132	46	34	.71	177	.01	2	1.39	.06	.22	1	1560
FX 80911	1	19	13	31	2.1	33	8	274	3.02	17	5	ND	6	91	1	2	2	22	.39	.090	34	26	.59	36	.01	2	1.12	.05	.18	1	495
FX 80912	1	20	14	55	3.2	36	9	512	4.90	31	5	ND	8	85	1	2	2	40	.61	.125	44	48	.94	27	.01	5	1.71	.05	.17	1	785
FX 80913	2	18	18	38	4.1	28	9	436	3.72	36	5	ND	6	94	1	2	2	33	.41	.104	35	31	.69	22	.01	2	1.13	.05	.18	1	915
FX 80914	2	18	22	63	5.0	41	14	722	5.74	47	5	ND	8	131	1	2	2	51	.74	.142	53	37	1.03	38	.01	2	.82	.06	.15	1	1030
FX 80915	26	11	14	31	3.2	18	6	431	3.36	46	5	ND	5	137	1	2	2	27	.74	.115	30	11	.63	95	.01	2	.46	.05	.15	1	1130
FX 80916	96	26	24	54	3.7	105	14	1004	5.40	55	5	ND	6	549	1	3	2	59	4.56	.486	40	90	2.04	92	.01	2	.97	.05	.12	1	1270
STD C/AU-R	18	57	41	131	6.9	68	27	1021	3.91	39	18	7	36	48	18	17	23	55	.47	.089	36	56	.87	172	.08	36	1.82	.08	.13	12	490

Vault, B.C 82E-5E
BH 72415

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 28 1987 DATE REPORT MAILED: Sept 8/87 ASSAYER: D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

CANADIAN NICKEL COMPANY File # 87- [illegible] Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
FX-80917	30	9	10	49	.8	9	3	72	1.17	266	5	ND	1	30	1	41	2	3	.12	.004	2	2	.01	7	.01	2	.22	.03	.03	5	1
FX-80918	62	8	2	180	.1	8	2	87	.99	367	5	ND	1	17	1	22	2	2	.22	.003	2	2	.01	94	.01	2	.37	.02	.02	3	1
FX-80919	34	8	3	91	.1	11	3	93	1.19	295	5	ND	1	28	1	35	2	3	.14	.009	2	2	.01	15	.01	11	.26	.02	.07	7	2
FX-80920	7	12	22	76	.7	19	4	227	2.18	139	5	ND	5	79	1	7	2	21	.66	.054	25	51	.25	72	.01	2	.55	.03	.12	5	55
FX-80921	5	3	16	26	.3	8	2	148	1.24	54	5	ND	4	53	1	2	2	19	.37	.007	19	8	.20	10	.01	2	.41	.02	.08	3	26
FX-80922	2	14	27	48	.9	15	7	307	2.71	115	5	ND	10	60	1	4	2	41	.91	.083	56	71	.64	36	.01	2	1.09	.02	.12	4	41
FX-80923	7	16	25	50	1.1	15	17	296	3.28	151	5	ND	8	45	1	6	2	59	.60	.136	57	26	.75	31	.01	2	.96	.02	.10	4	72
FX-80924	24	29	27	76	1.2	61	19	>62	3.87	189	10	ND	11	63	1	6	2	112	.76	.185	65	63	1.75	30	.01	2	2.27	.04	.09	5	75
FX-80925	9	16	36	73	1.5	14	11	428	4.24	175	5	ND	12	77	1	8	2	71	.75	.168	72	24	1.15	49	.01	2	1.53	.04	.13	6	82
FX-80926	42	12	22	41	1.7	8	3	254	4.76	211	5	ND	7	49	1	10	2	42	.49	.161	29	10	.52	24	.01	2	.35	.02	.09	7	320
FX-80927	82	10	16	69	1.9	7	5	327	3.80	256	5	ND	6	67	1	7	2	72	.68	.115	35	12	.81	41	.01	2	1.22	.02	.07	2	856
FX-80928	122	12	12	16	0.6	7	3	290	4.17	>47	5	ND	3	71	1	12	2	82	1.07	.231	35	10	.44	28	.01	2	.56	.02	.06	3	549
FX-80929	36	12	83	36	1.4	35	4	228	2.94	>62	5	ND	5	44	1	6	2	55	.25	.057	26	14	.59	15	.01	2	.87	.02	.09	2	310
FX-80930	58	15	24	56	2.6	61	9	325	3.64	159	5	ND	11	55	1	12	2	70	.64	.160	61	25	.82	84	.01	6	1.01	.02	.07	2	329
FX-80931	184	19	19	29	4.1	7	3	249	3.06	283	5	ND	4	62	1	12	2	57	.86	.137	25	12	.55	53	.01	4	.55	.02	.07	2	625
FX-80932	124	14	15	32	3.2	13	5	228	3.56	312	5	ND	6	55	1	19	2	61	.36	.147	29	19	.65	25	.01	2	.92	.02	.12	2	225
FX-80933	121	19	25	72	3.6	17	10	364	4.65	326	5	ND	12	61	1	7	2	122	.73	.210	66	51	1.28	36	.01	3	1.48	.02	.12	2	135
FX-80934	352	13	25	57	3.1	9	8	366	5.93	310	5	ND	9	92	1	17	2	116	.71	.295	50	29	1.22	25	.01	5	1.97	.04	.10	1	108
FX-80935	8	16	24	68	1.8	12	8	431	3.54	88	5	ND	9	71	1	11	2	66	.62	.112	59	22	.95	42	.01	3	1.21	.02	.04	1	81
FX-80936	6	14	17	51	2.4	12	7	452	2.65	66	5	ND	5	74	1	9	2	75	.60	.094	49	19	.67	40	.01	2	.61	.06	.11	1	126
FX-80937	4	12	8	24	11.5	6	2	323	2.21	39	5	ND	2	115	1	6	2	25	.81	.107	35	4	.65	41	.01	2	.27	.02	.04	1	2920
FX-80938	9	24	22	81	3.0	22	9	581	3.83	111	5	ND	19	89	1	6	2	42	.51	.389	58	71	1.10	77	.01	2	.45	.02	.12	2	551
FX-80939	45	16	21	61	2.0	28	9	624	3.89	92	5	ND	8	84	1	4	2	43	.52	.093	45	30	1.29	66	.01	2	.45	.02	.12	1	459
FX-80940	58	17	17	54	1.7	25	8	492	3.01	49	5	ND	6	79	1	2	2	52	.47	.068	39	27	1.11	190	.01	2	.40	.02	.15	1	109
FX-80941	18	18	12	58	1.4	33	9	563	3.41	48	5	ND	8	79	1	4	2	55	.43	.098	46	33	1.27	76	.01	2	.79	.02	.11	1	75
FX-80942	2	16	16	52	1.7	21	6	554	3.16	>1	6	ND	7	86	1	3	2	49	.70	.073	28	32	1.42	52	.01	38	.49	.02	.10	1	105
FX-80943	3	21	19	64	1.5	37	11	579	3.68	56	5	ND	8	82	1	4	2	58	.66	.191	52	38	1.52	37	.01	2	.26	.02	.09	1	42
FX-80944	46	21	17	57	2.1	32	10	512	3.47	49	5	ND	9	86	1	3	2	58	.46	.054	50	29	1.35	32	.01	2	.25	.02	.10	1	445
FX-80945	22	21	20	57	1.4	33	10	481	3.17	62	5	ND	7	101	1	4	2	55	.55	.129	47	32	1.16	32	.01	2	.39	.02	.11	1	64
FX-80946	16	25	36	63	1.8	36	11	527	3.46	52	5	ND	9	130	1	3	2	64	.45	.094	55	37	1.30	29	.01	13	.42	.02	.11	1	62
FX-80947	4	9	7	19	4.7	11	3	233	1.41	23	5	4	2	129	1	2	2	20	.51	.020	17	11	.56	98	.01	3	.15	.01	.05	1	2420
FX-80948	5	24	19	61	2.1	35	10	536	3.46	39	5	ND	9	105	1	2	2	61	.55	.105	55	25	1.23	34	.01	24	.81	.03	.11	1	750
FX-80949	3	23	15	52	1.6	33	11	441	3.59	50	5	ND	9	120	1	3	2	61	.58	.106	57	38	1.37	36	.01	11	.44	.03	.12	1	171
FX-80950	9	7	6	16	2.9	6	1	145	.91	8	5	ND	1	104	1	2	2	9	.43	.031	4	7	.37	42	.01	14	.09	.01	.04	1	1920
FX-80951	42	16	11	37	1.6	22	6	356	2.32	21	5	ND	4	129	1	3	2	42	.42	.057	26	21	.91	36	.01	11	.28	.02	.07	1	1150
FX-80952	2	26	20	90	2.2	47	13	709	4.54	25	5	ND	15	98	1	4	2	74	.89	.183	92	82	2.07	33	.01	2	.72	.02	.12	1	247
STD C/AU-R	20	61	49	131	7.4	73	29	1065	4.06	41	24	7	38	52	20	15	20	60	.49	17,000	37	62	.90	179	.08	24	1.96	.07	.11	14	510

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	XRDD PPB
FX-80953	3	10	8	25	5.4	12	4	199	1.41	23	5	3	3	79	1	2	2	21	.31	.029	18	17	.47	33	.01	3	.22	.02	.08	1	4200
FX-80954	3	15	13	52	1.3	22	5	153	1.67	57	5	ND	5	120	1	2	2	24	.25	.041	22	14	.27	39	.01	2	.32	.02	.13	1	280
FX-80955	1	13	17	97	1.9	15	4	194	2.19	21	5	ND	9	96	1	3	2	23	.23	.068	53	25	.53	26	.01	2	.46	.03	.25	1	840
FX-80956	7	10	8	38	2.3	12	4	235	1.64	28	5	ND	3	92	1	2	2	18	.24	.042	23	14	.45	35	.01	5	.23	.02	.12	2	1920
FX-80957	1	19	18	69	2.2	24	11	437	2.84	42	6	ND	9	173	1	2	2	45	.68	.116	61	27	1.04	29	.01	4	.23	.02	.12	1	360
FX-80958	1	15	15	64	2.0	20	10	454	2.96	22	5	ND	8	100	1	2	2	35	.60	.118	52	29	.92	21	.01	2	.40	.02	.14	1	630
FX-80959	1	22	21	75	1.6	24	12	416	3.54	23	6	ND	11	155	1	2	2	55	.94	.156	72	50	1.27	24	.01	2	.85	.04	.19	1	46
FX-80960	2	9	7	26	1.1	11	4	188	1.40	15	5	ND	3	48	1	2	2	27	.24	.044	21	21	.44	16	.01	2	.36	.02	.07	1	480
FX-80961	1	26	20	74	1.7	22	10	332	2.05	24	5	ND	9	89	1	2	2	53	.59	.129	62	42	1.10	25	.01	2	1.05	.03	.13	1	405
FX-80962	1	16	20	63	2.1	23	9	397	3.31	29	5	ND	9	92	1	2	2	55	.57	.132	61	45	1.08	25	.01	4	1.01	.04	.12	1	220
FX-80963	2	10	10	36	2.3	11	5	221	2.02	24	5	ND	4	87	1	3	2	36	.63	.069	30	21	.74	25	.01	2	.44	.02	.07	1	2270
FX-80964	4	14	24	66	2.2	15	11	521	3.04	40	5	ND	8	76	1	3	2	62	.52	.125	57	36	1.07	24	.01	2	.67	.02	.17	1	550
FX-80965	3	19	17	68	2.8	27	9	505	2.57	27	5	ND	5	68	1	2	2	59	.46	.096	36	54	1.01	22	.01	5	.98	.03	.11	1	1680
FX-80966	3	24	25	75	2.9	24	10	810	3.71	22	5	ND	9	85	1	2	2	72	.50	.139	60	60	1.55	25	.01	2	1.22	.04	.12	1	250
FX-80967	18	16	27	56	4.3	13	8	381	3.25	56	5	3	9	79	1	2	2	39	.41	.114	55	22	.85	24	.01	2	1.05	.03	.15	1	2870
FX-80968	1	9	25	79	1.5	8	7	183	2.78	44	5	ND	11	85	1	2	2	25	.52	.130	92	8	.72	29	.01	2	1.01	.04	.20	2	154
FX-80969	1	16	20	62	1.6	5	6	151	2.40	104	5	ND	9	70	1	3	2	22	.51	.103	73	6	.54	24	.01	2	.75	.07	.15	1	220
FX-80970	5	17	27	61	.9	17	7	230	3.01	9	5	ND	7	277	1	2	2	16	.91	.119	61	25	2.12	71	.01	5	2.07	.10	.28	1	34
FX-80971	159	14	12	45	1.8	8	6	412	3.60	163	5	ND	5	166	1	9	2	51	.54	.093	36	10	.98	26	.01	2	1.40	.06	.19	2	1950
FX-80972	25	9	16	40	1.0	6	5	356	2.52	60	5	ND	5	79	1	2	2	20	.65	.141	38	11	.62	22	.01	2	.65	.07	.12	1	194
FX-80973	28	9	26	57	1.9	7	7	357	3.21	112	5	ND	10	84	1	5	2	27	.60	.144	72	5	.59	26	.01	2	.64	.03	.16	1	147
FX-80974	36	11	27	81	1.7	4	10	579	3.59	80	5	ND	12	170	1	4	2	32	.78	.175	194	6	.84	24	.01	2	1.20	.05	.19	1	95
STD C/AU-R	19	58	40	132	7.1	67	27	1028	3.89	41	17	8	36	49	18	17	20	56	.46	.090	36	60	.96	174	.08	27	1.79	.08	.13	21	490

Vault, B.C. NTS 82E-5E

BH 72416

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-2 CORE P3 PULP AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEPT 10 1987 DATE REPORT MAILED: Sept 22/87 ASSAYER.. D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER

CANADIAN NICKEL File # 87-4060 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
FX 80975	1	33	28	6	.5	3	1	296	.97	2	5	ND	1	40	1	2	2	402	13.38	.014	6	5	.06	1	.07	2	7.06	.01	.01	1	6
FX 80976	1	36	7	57	.2	8	5	329	1.83	3	5	ND	10	229	1	2	2	32	2.22	.044	19	12	.51	30	.02	2	1.80	.06	.04	1	1
FX 80977	1	56	2	48	.1	7	3	312	1.62	2	5	ND	9	374	1	2	2	28	3.07	.038	19	10	.34	35	.01	2	2.31	.20	.03	1	14
FX 80978	87	15	37	6	.8	11	5	16	.58	22	5	ND	11	220	1	2	2	3	.17	.016	92	1	.05	94	.01	2	.33	.11	.19	3	23
FX 80979	24	13	11	73	2.4	14	7	421	4.15	90	5	ND	9	138	1	5	3	49	.41	.090	40	27	.78	72	.01	5	1.42	.04	.11	6	158
FX 80980	5	16	13	49	2.9	15	7	424	3.09	49	5	ND	6	89	1	2	2	52	.71	.091	34	32	.66	410	.01	2	1.32	.03	.09	4	1780
FX 80981	6	18	15	56	4.6	29	11	341	3.12	153	5	ND	7	50	1	6	2	52	.47	.091	40	37	.58	94	.01	3	1.07	.02	.08	3	1040
FX 80982	3	18	13	73	2.8	31	13	304	2.98	119	5	ND	7	46	1	4	4	38	.52	.106	47	41	.53	37	.01	2	.97	.02	.12	4	1480
FX 80983	4	10	15	35	2.2	18	9	300	2.30	113	5	ND	7	179	1	2	2	27	2.19	.110	41	24	.39	36	.01	3	.72	.02	.09	2	850
FX 80984	5	14	13	46	1.6	16	6	284	2.32	21	5	ND	4	51	1	2	2	41	.63	.062	31	36	.45	68	.01	3	.82	.01	.09	3	440
FX 80985	6	21	12	85	3.7	25	11	482	3.79	106	5	ND	7	90	1	6	3	80	1.05	.135	56	47	1.17	30	.01	3	1.58	.02	.08	2	1380
FX 80986	1	21	21	72	2.3	31	11	432	3.26	39	5	ND	7	82	1	2	2	42	1.22	.119	58	48	.64	68	.01	6	1.21	.02	.11	1	850
FX 80987	1	21	19	70	1.5	32	11	330	2.85	19	5	ND	6	46	1	2	2	41	.55	.095	53	30	.58	30	.01	7	1.10	.02	.11	2	720
FX 80988	1	16	16	58	1.3	23	7	420	3.18	15	5	ND	7	61	1	2	2	36	.81	.093	53	36	.68	31	.01	2	1.06	.02	.11	1	280
FX 80989	1	21	7	133	3.3	18	7	414	3.60	38	5	2	7	72	1	2	2	38	.93	.136	71	42	.79	46	.01	2	1.25	.02	.12	1	3640
FX 80990	1	15	8	64	1.9	16	9	466	4.28	90	5	ND	6	48	1	2	2	43	.55	.098	55	36	.85	20	.01	5	1.46	.02	.09	1	1540
FX 80991	9	15	15	66	2.9	18	13	393	4.18	160	5	2	9	51	1	2	3	34	.49	.113	62	31	.84	85	.01	4	1.36	.02	.13	1	2430
FX 80992	2	9	17	72	1.5	11	5	255	2.87	7	5	ND	14	55	1	2	2	17	.32	.069	64	14	.76	34	.01	4	1.15	.03	.14	1	1730
FX 80993	2	21	18	84	1.0	16	6	338	3.74	16	5	ND	10	76	1	2	2	33	.54	.115	68	24	.76	65	.01	2	1.29	.03	.16	1	1080
FX 80994	13	15	15	73	1.0	14	6	313	3.35	9	5	2	11	79	1	2	2	30	.63	.104	56	20	.60	37	.01	2	.98	.03	.15	1	1050
FX 80995	1	19	18	113	.6	16	8	546	5.61	6	5	ND	12	134	1	2	2	41	1.01	.106	72	29	.98	379	.01	4	1.57	.03	.14	2	520
FX 80996	181	21	14	51	1.2	39	11	532	6.76	144	5	ND	7	130	1	2	2	74	1.04	.184	33	36	.99	124	.01	2	2.05	.03	.11	2	820
FX 80997	5	30	2	56	1.5	80	13	402	4.09	22	5	ND	6	82	1	2	3	42	.62	.122	34	76	.77	99	.01	2	1.54	.03	.12	1	102
FX 80998	20	26	15	53	3.1	102	19	298	3.46	35	5	ND	6	63	1	3	2	38	.34	.096	27	59	.65	74	.01	3	1.28	.03	.12	1	360
FX 80999	30	15	12	46	1.5	19	10	286	3.15	39	5	ND	5	74	1	2	2	38	.41	.117	46	18	.66	24	.01	6	1.23	.03	.13	3	153
FX 81000	7	13	13	37	1.7	12	7	345	2.84	14	5	ND	4	80	1	2	2	33	1.16	.061	29	15	.55	21	.01	2	.96	.02	.09	1	130
FX 242001	17	15	17	59	1.7	14	7	403	4.12	31	5	ND	6	89	1	2	2	53	.82	.133	46	16	.82	24	.01	4	1.41	.03	.12	1	240
FX 242002	51	10	6	23	1.4	5	2	227	1.83	21	5	ND	4	69	1	2	2	48	.79	.100	17	9	.42	16	.01	3	.61	.02	.06	1	590
FX 242003	9	15	16	61	1.3	15	10	450	5.41	25	5	ND	6	77	1	2	2	49	.49	.118	58	21	.97	21	.01	5	1.83	.03	.13	1	115
FX 242004	491	10	7	17	4.9	7	2	237	1.73	89	5	ND	4	119	1	3	2	45	1.61	.095	12	9	.39	54	.01	2	.44	.01	.06	2	650
FX 242005	17	11	16	61	1.6	10	8	744	4.44	38	5	ND	9	79	1	2	2	77	.75	.141	45	16	1.18	39	.01	2	1.52	.02	.11	3	240
FX 242006	3	15	15	87	1.7	11	9	858	4.81	15	5	ND	9	85	1	2	2	56	.59	.129	63	24	1.20	36	.01	2	1.62	.03	.14	1	105
FX 242007	51	16	6	65	1.5	17	10	737	3.71	13	5	ND	5	92	1	2	6	57	.60	.140	44	44	1.56	110	.01	6	1.71	.03	.11	1	129
FX 242008	164	25	10	43	2.5	17	7	580	3.63	43	5	ND	5	106	1	2	2	83	.81	.117	25	25	1.13	31	.01	2	1.09	.02	.07	2	780
FX 242009	23	18	16	56	1.2	22	10	524	3.46	19	6	ND	9	198	1	2	5	25	1.08	.152	75	11	.91	107	.01	10	.61	.06	.17	1	125
FX 242010	1	17	15	59	.4	55	9	644	2.42	2	5	ND	8	311	1	2	2	25	2.56	.110	64	50	1.33	89	.01	4	.79	.05	.10	1	7
STD C/AU-R	19	61	37	137	7.1	71	29	1072	3.97	38	19	8	41	51	18	17	22	57	.47	.088	38	60	.86	184	.08	36	1.82	.06	.13	12	515

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
FX 242011	1	9	28	56	.5	7	6	394	2.22	14	5	ND	12	219	1	3	2	13	.98	.118	121	6	.58	35	.01	3	.66	.08	.19	1	76
FX 242012	1	12	37	69	.5	6	7	400	2.42	11	5	ND	13	240	1	3	2	18	.91	.135	148	6	.60	83	.01	2	.89	.07	.20	1	72
FX 242013	1	10	30	64	.4	2	7	465	2.54	9	5	ND	14	380	1	3	2	23	1.58	.127	145	8	.58	56	.01	2	.97	.08	.22	1	2
FX 242014	1	10	39	66	.2	3	6	427	2.55	8	5	ND	14	251	1	2	2	23	1.18	.132	150	6	.57	69	.01	7	.93	.08	.20	1	2
FX 242015	1	10	37	67	.4	2	5	431	2.32	2	5	ND	9	232	1	2	2	17	1.53	.121	132	7	.55	173	.01	2	.88	.07	.18	1	3

Vanet, B.C. 82E-5E

BH 72417

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H20 AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: NOV 4 1987 DATE REPORT MAILED: Nov 16/87 ASSAYER. D. Toye..DEAN TOYE, CERTIFIED B.C. ASSAYER

CANADIAN NICKEL PROJECT-60809-14010 File # 87-5493

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
FX 242016	4	21	11	36	1.0	15	6	330	2.42	51	5	ND	7	154	1	2	2	24	.89	.066	33	23	.40	222	.01	21	.52	.03	.11	1	260
FX 242017	1	11	26	66	.5	14	4	358	2.43	35	5	ND	12	203	1	2	2	19	1.22	.065	63	17	.46	92	.01	5	.41	.02	.14	1	58
FX 242018	5	20	12	43	1.3	28	8	366	2.85	86	5	ND	6	69	1	2	2	37	.51	.083	37	40	.98	34	.01	3	1.18	.02	.10	1	165
FX 242019	1	23	13	52	.9	27	9	463	3.14	46	5	ND	8	76	1	2	2	39	.65	.094	48	50	1.27	41	.01	5	1.45	.02	.12	1	41
FX 242020	3	19	15	36	3.7	19	7	409	3.15	37	5	2	5	102	1	2	2	39	1.15	.067	26	35	1.03	31	.01	4	1.11	.02	.08	1	1640
FX 242021	1	24	14	51	1.0	27	8	632	3.35	34	5	ND	8	68	1	2	3	55	.58	.107	52	51	1.27	43	.01	2	1.42	.02	.10	1	145
FX 242022	3	20	14	49	1.6	26	9	547	3.91	92	5	ND	9	72	1	2	2	57	.64	.108	48	46	1.26	113	.01	6	1.52	.02	.08	1	75
FX 242023	305	13	10	22	6.8	11	4	299	2.54	55	5	ND	3	81	1	2	2	42	.79	.185	20	22	.67	329	.01	2	.87	.01	.06	1	127
FX 242024	16	19	10	41	1.4	19	7	574	4.78	69	5	ND	5	81	1	2	2	62	.60	.168	34	47	1.26	239	.01	4	1.78	.02	.05	2	260
FX 242025	101	15	7	26	2.5	9	3	841	6.52	179	5	ND	4	101	1	2	2	37	.88	.145	24	21	1.08	35	.01	2	1.23	.01	.01	8	710
FX 242026	12	25	14	65	1.0	28	10	673	4.50	44	5	ND	10	80	1	2	3	68	.66	.116	60	60	1.87	40	.01	4	2.06	.03	.09	1	138
FX 242027	3	25	13	64	1.0	28	10	846	5.65	37	5	ND	9	95	1	2	2	62	.78	.109	63	57	1.47	44	.01	7	2.18	.02	.11	1	58
FX 242028	118	23	14	70	5.5	26	11	453	5.42	81	5	ND	9	114	1	2	2	48	.45	.099	50	32	.90	42	.01	4	2.07	.05	.23	1	1170
FX 242029	3238	24	12	21	53.7	8	2	217	3.03	199	5	2	1	51	1	30	2	48	.52	.095	6	8	.41	93	.01	2	.64	.01	.05	1	3180
FX 242030	68	23	14	509	2.7	33	10	297	3.91	152	5	ND	7	152	2	4	2	34	.95	.286	44	19	.66	86	.01	2	1.63	.06	.29	1	630
FX 242031	57	22	19	292	2.7	35	12	341	3.49	48	5	ND	8	124	2	2	2	31	.59	.105	60	28	.78	174	.01	2	1.45	.04	.20	1	175
FX 242032	47	20	10	120	2.1	27	10	381	4.26	70	5	ND	5	105	1	2	2	36	.45	.079	36	29	.79	129	.01	8	1.56	.04	.16	1	510
FX 242033	62	27	18	96	1.7	30	12	340	4.27	78	5	ND	8	123	1	3	2	35	.48	.113	61	34	.76	75	.01	3	1.71	.05	.19	1	163
FX 242034	39	23	18	77	1.2	27	12	269	3.43	65	5	ND	7	132	1	2	2	30	.47	.120	54	26	.65	39	.01	2	1.49	.06	.21	1	200
FX 242035	3991	18	20	27	41.4	12	3	209	2.33	123	5	ND	2	116	1	37	2	39	.87	.146	19	16	.37	131	.01	2	.80	.02	.15	1	780
FX 242036	77	25	17	132	2.0	31	11	287	3.85	100	5	ND	10	138	1	3	2	28	.47	.117	61	27	.69	30	.01	2	1.53	.06	.22	1	84
FX 242037	830	32	20	108	21.3	27	10	438	7.77	424	5	2	11	154	1	7	2	68	.67	.192	61	38	1.08	45	.01	4	2.52	.06	.23	1	3040
FX 242038	55	18	17	57	3.5	20	10	218	3.60	210	5	ND	7	138	1	2	2	20	.39	.093	45	31	.65	53	.01	5	1.42	.06	.21	1	159
FX 242039	24	19	16	80	2.1	21	6	354	3.77	87	5	ND	9	163	2	2	2	31	.56	.085	52	28	.85	247	.01	5	1.65	.05	.19	1	198
FX 242040	51	16	19	305	2.9	59	21	247	3.68	151	5	ND	11	168	2	3	2	26	.38	.109	58	22	.55	80	.01	6	1.41	.07	.22	1	95
FX 242041	8	26	22	105	3.4	24	13	197	3.37	79	5	ND	14	181	1	2	2	23	.55	.170	76	23	.46	106	.01	3	1.31	.07	.26	1	164
FX 242042	3	16	20	98	1.2	22	10	272	3.39	37	5	ND	17	189	1	2	2	22	1.95	.659	75	22	.70	181	.01	2	1.63	.07	.31	1	77
FX 242043	106	21	11	48	4.3	20	9	278	3.68	102	5	2	6	131	1	2	2	20	.47	.045	32	18	.47	62	.01	3	.97	.04	.16	2	1490
FX 242044	103	28	30	92	3.0	17	13	389	7.52	209	5	ND	8	132	1	4	2	50	.52	.167	41	28	.84	32	.01	5	2.45	.05	.18	1	640
FX 242045	41	23	17	90	23.0	16	9	400	5.98	58	5	10	10	150	1	2	2	48	.54	.171	49	32	.86	116	.01	5	2.29	.05	.18	1	5860
FX 242046	418	25	24	50	4.0	32	8	325	6.73	728	5	ND	4	145	1	17	2	36	1.42	.467	17	49	.61	8	.01	5	1.59	.03	.19	1	1230
FX 242047	21	31	23	113	1.6	26	10	634	5.34	42	5	ND	12	153	1	2	2	48	.72	.173	76	33	1.11	104	.01	2	2.09	.05	.27	1	220
STD C/AU-R	19	61	36	132	7.2	67	28	1051	4.03	41	15	8	38	51	17	17	19	59	.50	.085	38	60	.88	178	.08	33	1.91	.06	.14	10	490

Vanet, B.C NTS 82E-SE
BH 72419

VAULT 2
VAULT 1

VAULT 5
VAULT 4

SURVEY BASELINE 00

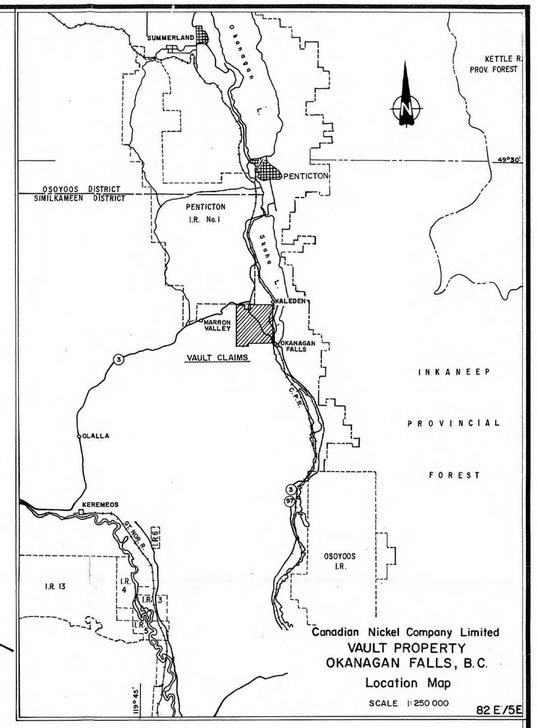
Base Line 10 S.

6 S.
8 S.
12 S.
14 S.
16 S.
18 S.
20 S.
22 S.

200 W
00
200 E
400 E
600 E
800 E
1000 E

Road
Fodder Dykes
Pond
HWY No. 97

DDH 85-1
DDH 85-2
DDH 85-3
DDH 85-4
DDH 85-5
DDH-1
DDH-2
DDH-3
138-1
138-2
138-3
138-4
138-5
85-1
85-2
85-3
85-4
85-5
B.H. 38897
38898
38899
72401
72402
72403
72404
72405
72406
72407
72408
72409
72410
72411
72412
72413
72414
72415
72416
72417
72418(obd.)



Canadian Nickel Company Limited
VAULT PROPERTY
OKANAGAN FALLS, B.C.
Location Map
SCALE 1:250 000
82 E/5E

LEGEND

MIDDLE EOCENE To UPPER EOCENE

- 4 — WHITE LAKE FORMATION — AGGLOMERATE, CONGLOMERATE, TUFF
- UNCONFORMITY
- 3 — UPPER MARAMA FORMATION — VERY FINE GRAINED VOLCANIC FLOW.
- 2 — LOWER MARAMA FORMATION — PREDOMINANTLY TRACHYTE TUFFS, MINOR SEDIMENTS.
- 2b — TRACHYTE FLOW
- UNCONFORMITY
- 1 — MARRON FORMATION — PORPHYRITIC TRACHYTE FLOW.

- Outcrop
- Geological Contact – Observed
- Geological Contact – Inferred
- Fault
- Silicification and Alteration
- 600 — Elevation in Metres (Determined by Altimeter Survey)
- ODDH 85-5 Drill Site
- Swamp

100 50 0 100 200 300
METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,293

Canadian Nickel Company Limited

GEOLOGY SURVEY — SHEET — FIGURE 2

Project: VAULT PROPERTY		Area: Okanagan Falls, Osoyoos M.D., B.C.	
Supervisor: WIM GROENEWEG	Instrument:	Survey date: June 1986	
Compiled by: E. HUNTER	Drawn by: RON JOHNSON	Date drawn: July 1986	Revised: January 1988
Scale: 1:4000	File:	N.T.S. 82 E - 5E	

V0067EA1.DWG

Elevation 600 m

400 m

200 m

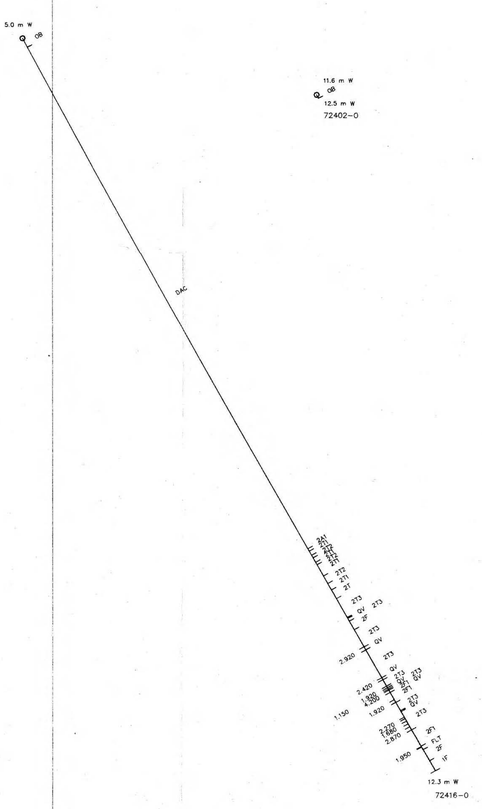
00

600 S

400 S

200 S

00



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,293

LEGEND

4A2	White Lake Fm. –Tuffaceous Sediments
4T5	White Lake Fm. –Breccia
4T1	White Lake Fm. –Tuff
3F	Upper Marama Fm. –Basalt Porphyry
3F5	Upper Marama Fm. –Basalt Porphyry,Bx,d
2A1	Lower Marama Fm. –Carbonaceous Mudstone
2T1	Lower Marama Fm. –Tuff
2T2	Lower Marama Fm. –Lapilli Tuff
2T3	Lower Marama Fm. –Agglomerate
2F	Lower Marama Fm. –Volcanic Flow (Unit 2B)
2T6	Lower Marama Fm. –Ash Tuff
2T5	Lower Marama Fm. –Breccia
2A2	Lower Marama Fm. –Siltstone
2F3	Lower Marama Fm. –Rhyolite
2F2	Lower Marama Fm. –Amygdaloidal Flow
2F1	Lower Marama Fm. –Trachyte Flow
2T	Lower Marama Fm. –Undifferentiated Tuffs
1F	Marama Fm. –Trachyte Porphyry
1T1	Marama Fm. –Tuff
1T5	Marama Fm. –Breccia

INCO GOLD
INCO GOLD COMPANY, A UNIT OF INCO LIMITED

Copper Cliff, Ontario
P0M 1N0

Project: VAULT PROPERTY		Area: Okanagan Falls,Osoyoos MD,BC.	
SECTION 675 E		SHEET 1	FIGURE 3
Supervisor: Wim Groeneweg	Instrument:	Survey date:	
Compiled by: E.F.Pattison	Drawn by: D.W.Walsh	Date drawn: 02/16/88	Revised:
Scale: 1:1000	File: V0067EA1.DWG	N.T.S. 82 E 5E	

V0077EA1.DWG

Elevation 600 m

400 m

200 m

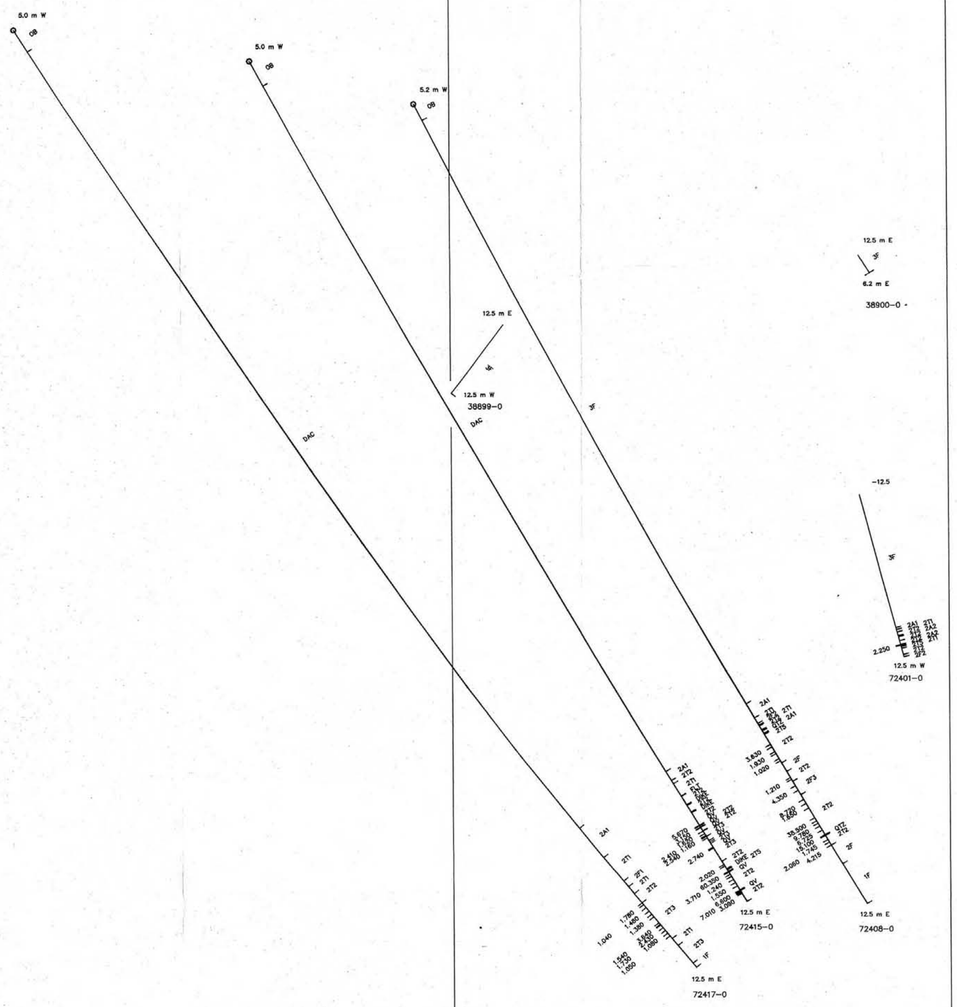
00

600 S

400 S

200 S

00



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,293

LEGEND

- 4A2 White Lake Fm. –Tuffaceous Sediments
- 4T5 White Lake Fm. –Breccia
- 4T1 White Lake Fm. –Tuff
- 3F Upper Marama Fm. –Basalt Porphyry
- 3F5 Upper Marama Fm. –Basalt Porphyry,Bx,d
- 2A1 Lower Marama Fm. –Carbonaceous Mudstone
- 2T1 Lower Marama Fm. –Tuff
- 2T2 Lower Marama Fm. –Lapilli Tuff
- 2T3 Lower Marama Fm. –Agglomerate
- 2F Lower Marama Fm. –Volcanic Flow (Unit 2B)
- 2T6 Lower Marama Fm. –Ash Tuff
- 2T5 Lower Marama Fm. –Breccia
- 2A2 Lower Marama Fm. –Siltstone
- 2F3 Lower Marama Fm. –Rhyolite
- 2F2 Lower Marama Fm. –Amygdaloidal Flow
- 2F1 Lower Marama Fm. –Trachyte Flow
- 2T Lower Marama Fm. –Undifferentiated Tuffs
- 1F Marama Fm. –Trachyte Porphyry
- 1T1 Marama Fm. –Tuff
- 1T5 Marama Fm. –Breccia

INCO GOLD
INCO GOLD COMPANY, A UNIT OF INCO LIMITED

Copper Cliff, Ontario
P0M 1N0

Project: VAULT PROPERTY		Area: Okanagan Falls,Osoyoos MD,B.C.	
SECTION 775 E		SHEET 1	FIGURE 4
Supervisor: Wm Groeneweg	Instrument:	Survey date:	
Compiled by: E.F.Pattison	Drawn by: D.W.Walsh	Date drawn: 02/16/88	Revised:
Scale: 1:1000	File: V0077EA1.DWG	N.T.S. 82 E 5E	

V0080EA1.DWG

Elevation 600 m

400 m

200 m

00

600 S

400 S

200 S

00

12.5 m E
12.5 m W
38900

12.5 m E
12.5 m W
72405

12.5 m E
FLT
12.5 m W
38899

12.5 m E
12.5 m W
72401

12.5 m E
8.9 m E
72419

12.5
12.5 m E
0.4 m W
72408

9.0 m W
72415

10.9 m W
72417

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,293

LEGEND

4A2	White Lake Fm.	–Tuffaceous Sediments
4T5	White Lake Fm.	–Breccia
4T1	White Lake Fm.	–Tuff
3F	Upper Marama Fm.	–Basalt Porphyry
3F5	Upper Marama Fm.	–Basalt Porphyry,Bx,d
2A1	Lower Marama Fm.	–Carbonaceous Mudstone
2T1	Lower Marama Fm.	–Tuff
2T2	Lower Marama Fm.	–Lapilli Tuff
2T3	Lower Marama Fm.	–Agglomerate
2F	Lower Marama Fm.	–Volcanic Flow (Unit 2B)
2T6	Lower Marama Fm.	–Ash Tuff
2T5	Lower Marama Fm.	–Breccia
2A2	Lower Marama Fm.	–Siltstone
2F3	Lower Marama Fm.	–Rhyolite
2F2	Lower Marama Fm.	–Amygdaloidal Flow
2F1	Lower Marama Fm.	–Trachyte Flow
2T	Lower Marama Fm.	–Undifferentiated Tuffs
1F	Marama Fm.	–Trachyte Porphyry
1T1	Marama Fm.	–Tuff
1T5	Marama Fm.	–Breccia

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Copper Cliff, Ontario
P0M 1N0

Project: VAULT PROPERTY
Area: Okanagan Falls,Osoyoos MD,BC.

SECTION 800 E

SHEET 1
FIGURE 5

Supervisor: Wm Groeneweg	Instrument:	Survey date:	
Compiled by: E.F.Pattison	Drawn by: D.W.Walsh	Date drawn: 02/25/88	Revised:
Scale: 1:1000	File: V0080EA1.DWG	N.T.S. 82 E 5E	

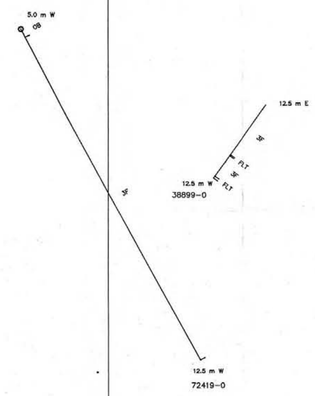
V0082EA1.DWG

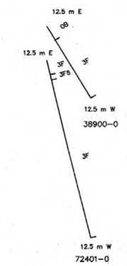
Elevation 600 m

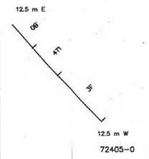
400 m

200 m

00







400 m

200 m

00

600 S

400 S

200 S

00

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,293

LEGEND

4A2	White Lake Fm. —Tuffaceous Sediments
4T5	White Lake Fm. —Breccia
4T1	White Lake Fm. —Tuff
3F	Upper Marama Fm. —Basalt Porphyry
3F5	Upper Marama Fm. —Basalt Porphyry,Bx,d
2A1	Lower Marama Fm. —Carbonaceous Mudstone
2T1	Lower Marama Fm. —Tuff
2T2	Lower Marama Fm. —Lapilli Tuff
2T3	Lower Marama Fm. —Agglomerate
2F	Lower Marama Fm. —Volcanic Flow (Unit 2B)
2T6	Lower Marama Fm. —Ash Tuff
2T5	Lower Marama Fm. —Breccia
2A2	Lower Marama Fm. —Siltstone
2F3	Lower Marama Fm. —Rhyolite
2F2	Lower Marama Fm. —Amygdaloidal Flow
2F1	Lower Marama Fm. —Trachyte Flow
2T	Lower Marama Fm. —Undifferentiated Tuffs
1F	Marama Fm. —Trachyte Porphyry
1T1	Marama Fm. —Tuff
1T5	Marama Fm. —Breccia

INCO GOLD
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Copper Cliff, Ontario
P0M 1N0

Project: VAULT PROPERTY	Area: Okanagan Falls,Osoyoos MD,BC.

SECTION 825 E

SHEET 1 | FIGURE 6

Supervisor: Wim Groeneweg	Instrument:	Survey date:
Compiled by: E.F.Pattison	Drawn by: D.W.Walsh	Date drawn: 02/16/88 — Revised:
Scale: 1:1000	File: V0082EA1.DWG	N.T.S. 82 E 5E

V0085EA1.DWG

Elevation 600 m

400 m

200 m

00

600 S

500 S

200 S

00

12.5 m E
DAC
2A1
11.6 m E
72418-0

5.8 m W 5.8
08
08
12.5 m W
38900-0
3F
12.5 m W
72401-0

12.5 m E
08
WT2
4T
12.5 m W
38899-0

10.5 m W
08
10.5 m W
12.5 m W
72405-0
08
411
8.8 m E
08
475
411
3F
CLAY3F
8.8 m E
72403-0
3F
2A1
2T2
2T1
2T2
1F
10.5 m W
72404-0

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,293

LEGEND

4A2	White Lake Fm.	–Tuffaceous Sediments
4T5	White Lake Fm.	–Breccia
4T1	White Lake Fm.	–Tuff
3F	Upper Marama Fm.	–Basalt Porphyry
3F5	Upper Marama Fm.	–Basalt Porphyry,Bx,d
2A1	Lower Marama Fm.	–Carbonaceous Mudstone
2T1	Lower Marama Fm.	–Tuff
2T2	Lower Marama Fm.	–Lapilli Tuff
2T3	Lower Marama Fm.	–Agglomerate
2F	Lower Marama Fm.	–Volcanic Flow (Unit 2B)
2T6	Lower Marama Fm.	–Ash Tuff
2T5	Lower Marama Fm.	–Breccia
2A2	Lower Marama Fm.	–Siltstone
2F3	Lower Marama Fm.	–Rhyolite
2F2	Lower Marama Fm.	–Amygdaloidal Flow
2F1	Lower Marama Fm.	–Trachyte Flow
2T	Lower Marama Fm.	–Undifferentiated Tuffs
1F	Marama Fm.	–Trachyte Porphyry
1T1	Marama Fm.	–Tuff
1T5	Marama Fm.	–Breccia

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Copper Cliff, Ontario
P0M 1N0

Project: VAULT PROPERTY
Area: Okanagan Falls,Osoyoos MD,BC.

SECTION 850 E

SHEET 1 | FIGURE 7

Supervisor: Wm Groeneweg	Instrument:	Survey date:	
Compiled by: E.F.Pattison	Drawn by: D.W.Walsh	Date drawn: 02/16/88	Revised:
Scale: 1:1000	File: V0085EA1.DWG	N.T.S. 82 E 5E	

V0087EA1.DWG

Elevation 600 m

400 m

200 m

00

5.0 m W
Qp
OB
DAC
12.5 m E
72414-0

0.0
Qp
OB
DAC
12.5 m W
72418-0

11.2 m W
11.2 m W
12.5 m W
38899-0
Qp
OB
4A2
3F
FLT
3F
2A1
FLT
2A1
FLT
2T1
2T2
2.055
2T5
2T1
1.850
3.335
9.875
2T5
2T1
QTZ
2T2
6.720
2T1
2T6
2T1
2T2
2T1
2T1
2T2
2T1
2T2
2T1
2T2
1F
11.2 m W
38898-0

GEOLOGICAL BRANCH
ASSESSMENT REPORT

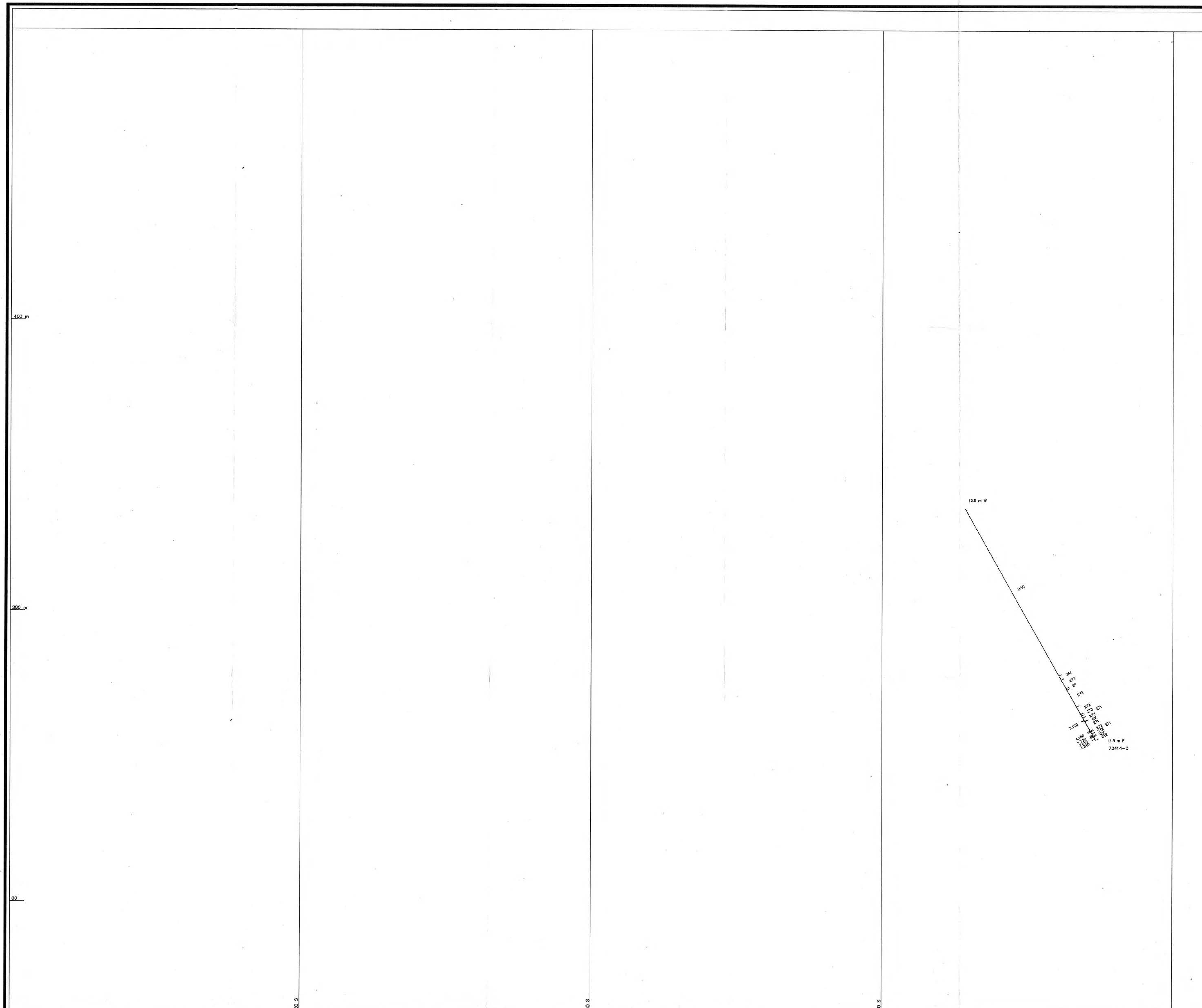
17,293

LEGEND

4A2 White Lake Fm. –Tuffaceous Sediments
4T5 White Lake Fm. –Breccia
4T1 White Lake Fm. –Tuff
3F Upper Marama Fm. –Basalt Porphyry
3F5 Upper Marama Fm. –Basalt Porphyry,Bx,d
2A1 Lower Marama Fm. –Carbonaceous Mudstone
2T1 Lower Marama Fm. –Tuff
2T2 Lower Marama Fm. –Lapilli Tuff
2T3 Lower Marama Fm. –Agglomerate
2F Lower Marama Fm. –Volcanic Flow (Unit 2B)
2T6 Lower Marama Fm. –Ash Tuff
2T5 Lower Marama Fm. –Breccia
2A2 Lower Marama Fm. –Siltstone
2F3 Lower Marama Fm. –Rhyolite
2F2 Lower Marama Fm. –Amygdaloidal Flow
2F1 Lower Marama Fm. –Trachyte Flow
2T Lower Marama Fm. –Undifferentiated Tuffs
1F Marama Fm. –Trachyte Porphyry
1T1 Marama Fm. –Tuff
1T5 Marama Fm. –Breccia

INCO GOLD INCO GOLD COMPANY, A UNIT OF INCO LIMITED		Copper Cliff, Ontario P0M 1N0	
Project: VAULT PROPERTY		Area: Okanagan Falls,Osoyoos MD,BC.	
SECTION 875 E		SHEET 1	FIGURE 8
Supervisor: Wim Groeneweg	Instrument:	Survey date:	
Compiled by: E.F.Pattison	Drawn by: D.W.Walsh	Date drawn: 02/16/88	Revised:
Scale: 1:1000	File: V0087EA1.DWG	N.T.S. 82 E SE	

V0090EA1.DWG



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,293

LEGEND

4A2 White Lake Fm. –Tuffaceous Sediments
4T5 White Lake Fm. –Breccia
4T1 White Lake Fm. –Tuff
3F Upper Marama Fm. –Basalt Porphyry
3F5 Upper Marama Fm. –Basalt Porphyry,Bx,d
2A1 Lower Marama Fm. –Carbonaceous Mudstone
2T1 Lower Marama Fm. –Tuff
2T2 Lower Marama Fm. –Lapilli Tuff
2T3 Lower Marama Fm. –Agglomerate
2F Lower Marama Fm. –Volcanic Flow (Unit 2B)
2T6 Lower Marama Fm. –Ash Tuff
2T5 Lower Marama Fm. –Breccia
2A2 Lower Marama Fm. –Siltstone
2F3 Lower Marama Fm. –Rhyolite
2F2 Lower Marama Fm. –Amygdaloidal Flow
2F1 Lower Marama Fm. –Trachyte Flow
2T Lower Marama Fm. –Undifferentiated Tuffs
1F Marama Fm. –Trachyte Porphyry
1T1 Marama Fm. –Tuff
1T5 Marama Fm. –Breccia

INCO GOLD

INCO GOLD COMPANY, A UNIT OF INCO LIMITED

Copper Cliff, Ontario
POM 1NO

Project: VAULT PROPERTY		Area: Okanagan Falls,Osoyoos MD,BC.
SECTION 900 E	SHEET 1	FIGURE 9
Supervisor: Wm Groeneweg	Instrument:	Survey date:
Compiled by: E.F.Pattison	Drawn by: D.W.Walsh	Date drawn: 02/16/88 — Revised:
Scale: 1:1000	File: V0090EA1.DWG	N.T.S. 82 E 5E

V0092EA1.DWG

Elevation 600 m

400 m

200 m

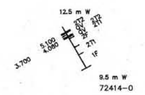
00

600 S

400 S

200 S

00



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,293

LEGEND

4A2 White Lake Fm. –Tuffaceous Sediments
4TS White Lake Fm. –Breccia
4T1 White Lake Fm. –Tuff
3F Upper Marama Fm. –Basalt Porphyry
3FS Upper Marama Fm. –Basalt Porphyry,Bx,d
2A1 Lower Marama Fm. –Carbonaceous Mudstone
2T Lower Marama Fm. –Tuff
2T2 Lower Marama Fm. –Lapilli Tuff
2T3 Lower Marama Fm. –Agglomerate
2F Lower Marama Fm. –Volcanic Flow (Unit 2B)
2T6 Lower Marama Fm. –Ash Tuff
2TS Lower Marama Fm. –Breccia
2A2 Lower Marama Fm. –Siltstone
2F3 Lower Marama Fm. –Rhyolite
2F2 Lower Marama Fm. –Amygdaloidal Flow
2F1 Lower Marama Fm. –Trachyte Flow
2T Lower Marama Fm. –Undifferentiated Tuffs
1F Marama Fm. –Trachyte Porphyry
1T1 Marama Fm. –Tuff
1TS Marama Fm. –Breccia

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Copper Cliff, Ontario
P0M 1N0

Project: VAULT PROPERTY | Area: Okanagan Falls,Osoyoos MD,BC.

SECTION 925 E | SHEET 1 | FIGURE 10

Supervisor: Wm Groeneweg	Instrument:	Survey date:	
Compiled by: E.F.Pattison	Drawn by: D.W.Walsh	Date drawn: 02/16/88	Revised:
Scale: 1:1000	File: V0092EA1.DWG	N.T.S. 82 E 5E	