ARIS SUMMARY SHEET

District Geologist, Kamloops   Off Confidential: 90.03.16

ASSESSMENT REPORT 18745   MINING DIVISION: Osoyoos

PROPERTY: Vault
LOCATION: LAT 49 22 00   LONG 119 37 00
UTM 11 5471291 310023
NTS 082E05E
CLAIM(S): Vault 1
OPERATOR(S): Can. Nickel
AUTHOR(S): Groeneweg, W.
REPORT YEAR: 1989, 44 Pages
COMMODITIES
SEARCHED FOR: Gold,Silver
KEYWORDS: Eocene,Marron Formation,Marama Formation,White Lake Formation
Trachytes,Lahars,Auriferous pyrite
WORK
DONE: Drilling,Geochemical
DIAD 561.8 m 1 hole(s)
Map(s) - 4; Scale(s) - 1:1000,1:4000
SAMP 125 sample(s) ;AU,ME
RELATED
REPORTS: 10968,12487,15595,17293
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 Canadian Nickel Company Limited (60%)
and
Seven Mile High Resources Inc. (40%)
Operated by Canadian Nickel Company Limited

Work done from December 4, 1988 to December 15, 1988

Drs. Wim Groeneweg
Manager of Exploration, B.C.
Canadian Nickel Company Limited
Vancouver, B.C.
May 1989

TABLE OF CONTENTS

APPENDICES

FIGURES

1.0 INTRODUCTION

This report covers work done on the Vault 1 claim of the Vault Group during the period December 4-15, 1988.

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 eighteen mineral claims totalling 79 units (see figure 2) They are:

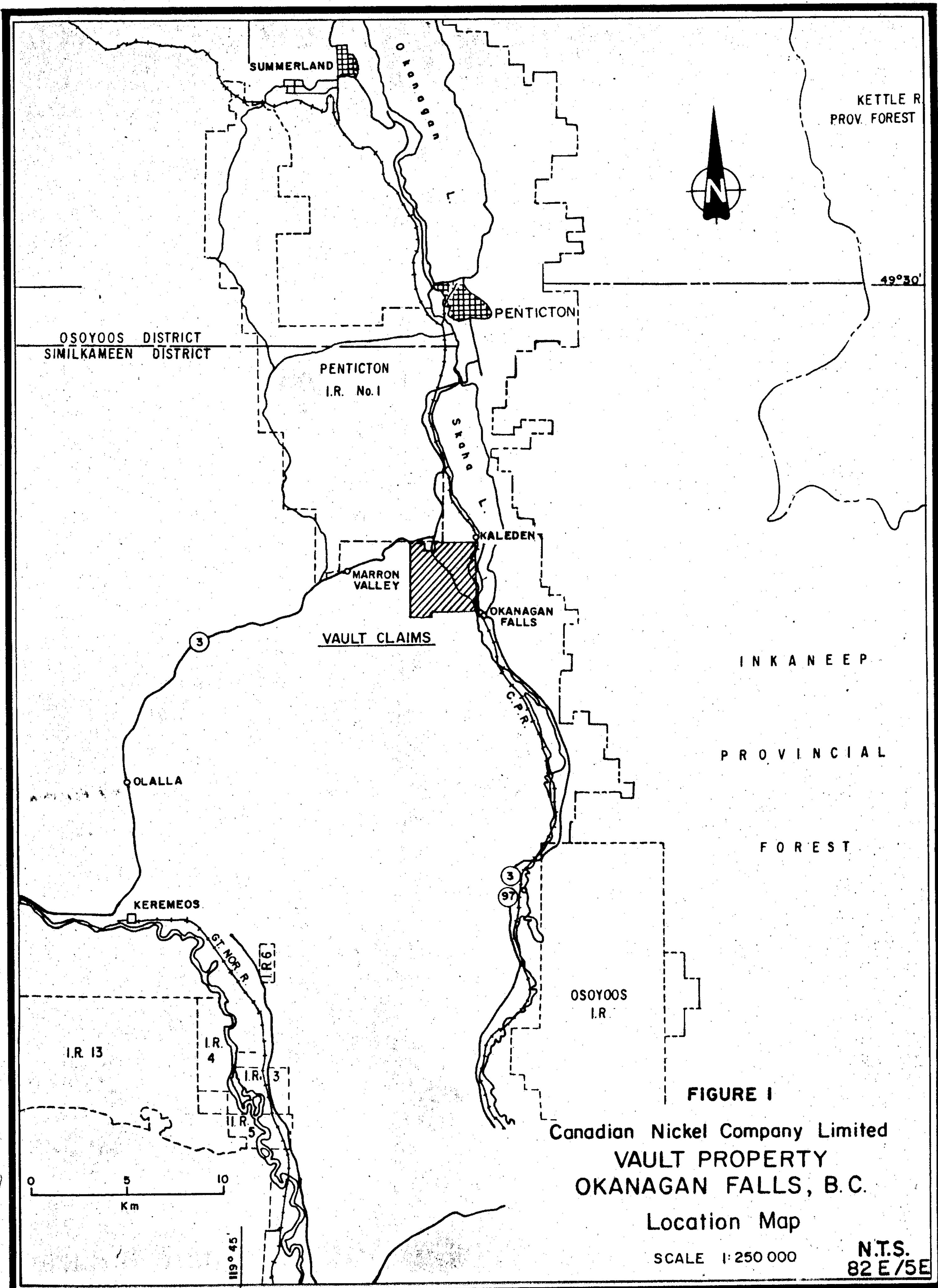


FIGURE I

Canadian Nickel Company Limited

VAULT PROPERTY

OKANAGAN FALLS, B.C.

Location Map

SCALE 1:250 000

N.T.S. 82 E/5E

Claim Name	Record No.	No. Of Units	Current Expiry Date
Vault 1	1513	8	Mar. 22/98
Vault 2	1531	12	May 25/98
Vault 3	1532	4	May 25/98
Vault 4	1533	18	May 25/98
Vault 5	1534	7	May 25/98
Vault 6	2621	3	June 12/98
Vault 7	2622	16	June 12/98
Vault 8	3031	1	Oct. 5/89
Vault 9	3032	1	Oct. 5/89
Vault 10	3030	1	Oct. 4/89
Vault 11	3033	1	Oct. 5/89
Vault 12	3034	1	Oct. 6/89
Vault 13	3035	1	Oct. 6/89
Vault 14 Fraction	3046	1	Nov. 4/89
Vault 15 Fraction	3047	1	Nov. 4/89
Vault 16 Fraction	3048	1	Nov. 4/89
Vault 17 Fraction	3049	1	Nov. 4/89
Vault 18 Fraction	3050	1	Nov. 4/89

The claims are owned by Canadian Nickel Company Limited (60%) and Seven Mile High Resources Inc. (40%). During 1988, Canadian Nickel Company Limited was the operator.

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 by M. Morrison in March, 1982, to cover a 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 3 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 3 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 3 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.

During 1987, the Vault 6 and 7 claims were staked, and Canadian Nickel Company Limited drilled 16 NQWL diamond boreholes totalling 4,664 m. These boreholes are indicated on figure 3 as 38900, 72401-72408 and 72414-72419. Several encouraging intersections were obtained from this drilling including 10.8 g/t Au from 329.60 to 337.96 m (8.36 m) in BH 72408.

During 1988, the Vault 8 to 18 claims were staked. Canadian Nickel Company Limited drilled 49 NQWL diamond boreholes for 18,307 m. These boreholes are indicated on figure 3 as 72421-72453 and 72457-72471. As a result of this work, a large auriferous epithermal system was defined over an area of 1,000 m east-west by 500 m north-south. Within this, a central zone with a strike length of 600 m contains ore grade intersections, but no continuity is apparent.

1.4 December 1988 drilling program on the Vault 1 claim.

During the period December 4-15, 1988, one NQWL diamond borehole was drilled under contract by Beaupre Diamond Drilling Ltd. to a depth of 561.8 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 3). 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 explosive 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 centred 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

BH 72471 (see figure 3 for location) was drilled to test the eastern extension of the epithermal gold system.

Hole	Grid Coordinates	Dip	Length	Collar Elevation
72471	1092.7E/90.4S	-90°	561.8 m	455.6 m

The hole penetrated 216.25 m of White Lake Formation, 208.12 m of Upper Marama Formation (from 216.25 to 424.37 m), 126.28 m of Lower Marama Formation (from 424.37 to 550.65 m) and 11.10 m (from 550.65 to 561.75 m) of Marron Formation.

The Lower Marama Formation, consisting of a sequence of mudstones, siltstones, lahars and mafic trachytes, is variously silicified and cut by narrow quartz veins. Samples from this section analyzed anomalous in Au, Ag, As and Mo. The better intersections were as follows:

Intersection (m)	Width (m)	Au (g/t)	Ag (g/t)
474.04-474.94	0.90	9.50	6.6
491.18-492.19	1.01	4.46	0.8
505.48-508.41	2.93	7.12	6.6

Most of the gold is concentrated in the quartz veins and veinlets cutting the silicified Lower Marama rocks.

The location the hole was surveyed in relative to BL/900E. The baseline and the 900E line were surveyed in relative to the LCP of the Vault 1 claim (see figure 2). The survey was carried out by S.J. Buzikievich, B.C. Land Surveyor.

5.0 CONCLUSIONS

Borehole 72471 proved that epithermal gold mineralization is present in quartz veins and veinlets cutting the Lower Marama Formation as far east as the 1100E grid line and that the mineralization is still open to the east. Because of post mineral tilting to the east, the mineralization rakes downwards to the east and drilling east of the 1100E grid line will require boreholes from 600 to 700 m length.

6.0 REFERENCES

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

Groeneweg, W. (1988) - Diamond drilling report on the Vault 1 claim, Osoyoos Mining Division. Assessment Report 17293.

Groeneweg, W. and E.N. Hunter (1987) - Geological and diamond drilling report on the Vault 1-5 Claims, Osoyoos Mining Division. Assessment Report 15595.

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

B. Callaghan, Contract Geologist 12 days @ 175	2,100
R. Solomon, assistant 12 days @ 90	1,080
P. Solomon, assistant 12 days @ 90	1,080
Accommodation and Food 12 days @ 65	780
Truck Rental 12 days @ 25	300
Diamond Drilling (by Beaupre Diamond Drilling) 561.8 m NQWL	6,195
Analytical (by Acme Analytical Labs) 125 core samples @ 16.75	2,094
Freight, Supplies, etc.	1,100
W. Groeneweg, Manager of Exploration Report writing and supervision 2 days @ 300	600
Total:	$45,329

8.0 AUTHOR'S QUALIFICATIONS

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

1. I am Manager of Exploration 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 supervised the work described in this report on behalf of Canadian Nickel Company Limited.

Dated at Vancouver, British Columbia this thirteenth day of May, 1989.

Wim Groeneweg

STATEMENT OF QUALIFICATIONS

I, Brian Callaghan, reside at 240 Stetson Street, Kelowna, British Columbia.

I graduated from Brandon University, Manitoba in 1980 with a Bachelor of Science Degree in Geology.

I have worked continuously as a Geologist since 1980.

I am presently self employed as a Geological Consultant.

I logged core for Canadian Nickel Company Limited on the Vault property near Okanagan Falls B.C. during the 1988 field season.

Brian Callaghan
Signed,
January 20, 1989

APPENDIX A

BOREHOLE LOGS

**************INCO LIMITED****************
FIELD EXPLO[ration] DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: -90.4 M	NTS SHEET #	: 82E-5E	STARTED	: 4 December 1988
PROPERTY	: Vault	DEPARTURE	: 1092.7 M	TOWNSHIP	:	COMPLETED	: 14 December 1988
BOREHOLE	: 72471-0	ELEVATION	: 455.6 M	PROVINCE	: BC	MEASUREMENTS	: M
AZIMUTH	: .0	BL AZIMUTH	: 90	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -90.0	GRID BEARING	:	CLAIM #	: Vault 1	DRILL TYPE	: Longyear 38
DEPTH	: 561.8 M	LOGGED BY	: B Callaghan	GRID NAME	:	TEST METHOD	: Acid Etch Test
				CORE SIZE	: NQWL	ASSAYED FOR	: AU + ACME ICP

COMMENTS : recovery 100% unless noted, core stored on property
Hole is located 1600 m e and 252 m s of n w corner of Vault 1
LEFT IN HOLE:nothing

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

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
60.96	.0	-88.00	243.84	.0	-85.00	426.72	.0	-86.00			
121.92	.0	-86.00	304.80	.0	-87.00	487.68	.0	-86.00			
182.88	.0	-87.50	365.76	.0	-88.00	548.64	.0	-86.00			

***********************DESCRIPTION*********************** *******************ANALYSES*******************

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
.00	4.57	OVERBURDEN										
4.57	114.35	LAHAR White Lake Formation Unit 4,resedimented lahar with locally sandy carbonaceous muddy siliceous matrix, polymictic bleached clasts, angle up to 20 centimetre averaging 1 centimetre, fabric 50 degree, bedding of sandy carbonaceous unit 50 degree local leisigang on some clasts.										

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

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

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

FROM M	TO M	
114.35	115.20	SILTSTONE Gray buff pale brown varved, micro faulted, beds locally carbonaceous, sandy bedding 40 degree, no silicification
115.20	115.96	MUDSTONE Black carbonaceous with hematitized bleached angle clasts, no silicification, more epiclastic down hole.
115.96	165.43	LAHAR 115.96 118.22 Clast supported well sorted, clasts bleached with embayments, matrix black siliceous. 118.22 130.79 Highly siliceous, bleached lahar, matrix and clasts buff colour, weakly detextured, no black carbonaceous matrix, minor veinlets hairline to 0.5 centimetre with hematitic black siliceous material. 130.79 165.43 As at 4.75 metre with interbedded sandstone siltstone, bedding 50 degree.
165.43	167.03	SANDSTONE Coarse grained buff pale brown, locally fragmental bedding 50 degree to core axis, weak to moderate silicification. As at 4.57 metre.
178.98	179.34	FAULT Gray pale brown fault gouge, no silicification, both

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		contact 40 degree to core axis.										
179.34	184.90	SILTSTONE Varved carbonaceous locally micro faulted, bedding 40 degree.										
184.90	188.47	MUDSTONE Black carbonaceous weakly silicified, rare carbonate veining along beds.										
188.47	210.89	LAHAR Muddy carbonaceous matrix with polymictic clasts up to 20 centimetre becoming moderately siliceous with smaller clasts down hole.										
210.89	216.25	MUDSTONE										
216.25	424.37	DACITE Black carbonaceous, variably moderately to highly silicified, locally gray with sandy siltstone and lahar 216.25 422.75 Pale green gray variably moderately silicified with rare distention fractures brecciated with white quartz carbonate flooding up to 4 centimetre at 223.42 metre. 422.75 424.37 Chloritic, brecciated, no silicification, core blockey.	FX411141	423.35	424.37	1.02		.001	.1	55	76	4

FROM M	TO M	***DESCRIPTION***	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
424.37	425.58	LAHAR										
		Muddy highly altered with locally chlorite altered volcanic clasts and siliceous mudstone clasts in gray brown silty matrix with local pyrite replacement bedding 50 degree.	FX411142	424.37	425.58	1.21		.001	.1	81	26	4
425.58	428.70	MUDSTONE										
		425.58 426.92 Locally weakly silicified, anthracitic, locally fragmental with pyrite cores up to 5 centimetre, pyrite also syngenetic up to 5%, more siliceous at lower contact	FX411143	425.58	426.92	1.34		.001	.2	347	15	5
		426.92 428.70 as above, but locally moderately to highly silicified with insitu auto brecciation possibly weak damming front bedding 50 degree.	FX411144	426.92	428.70	1.78		.001	.1	326	12	63
428.70	431.70	SILTSTONE										
		2% Locally massive fine grained syngenetic pyrite.	FX411145	428.70	429.77	1.07		.001	.1	420	11	21
		428.70 429.77 Gray carbonaceous highly siliceous, locally sandy with 3% syngenetic pyrite bedding 50 degree, fracture surfaces slickensided.	FX411146	429.77	431.70	1.93		.004	.1	714	9	46
		429.77 431.70 As above, locally carbonaceous, locally fragmental, moderately to highly siliceous with up to.										
431.70	434.60	LAHAR										

FROM M	TO M	***DESCRIPTION***	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		431.70 432.66 2twd silty, moderate to highly siliceous gray buff matrix with brecciated clasts in locally quartz flooded matrix with fabric at 50 degree to core axis.	FX411147	431.70	432.66	.96		.001	.1	1991	10	85
		432.66 434.60 As above, less fragmental with very minor pyrite, matrix silty buff gray with irregular pelite clasts locally kaolinized and brecciated.	FX411148	432.66	434.60	1.94		.001	.1	277	10	33
434.60	437.97	SILTSTONE										
		434.60 435.95 Highly siliceous, gray buff, locally fragmental, locally with pelitic , disrupted beds at 40 degree to core axis, bedding at 435.85 metre saprolite to core axis cut by a 2 centimetre pink cherty banded quartz vein with sooty pyrite and molybdenum ? at 30 degree to core axis.	FX411149	434.60	435.95	1.35		.001	.2	248	6	43
		435.95 437.31 As above with 40% kaolinized inclusions up to 3 millimetre bedding disrupted at 40 degree to core axis, fractures anthracitic.	FX411150	435.95	437.31	1.36		.001	.1	108	2	22
		437.31 437.97 As above, but less siliceous, locally sericitized bleached with abundant calcite, core blockey brecciated at lower contact at 40 degree, clasts locally kaolinized.	FX411151	437.31	437.97	.66		.001	.1	462	38	53
437.97	439.30	LAHAR										
		2twd Buff brown gray, insitu auto brecciated, clasts in sandy carbonaceous matrix, locally moderately siliceous with 2% dusty pyrite, clasts locally highly altered,	FX411152	437.97	439.30	1.33		.002	.1	427	10	155

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		bedding disrupted at 40 degree.										
439.30	439.50	MUDSTONE										
		Upper contact 30 degree, highly siliceous possible damming front.	FX411153	439.30	439.50	.20		.001	.1	78	4	12
439.50	451.96	LAHAR										
		439.50 441.30 Highly siliceous buff brown gray detextured clasts in black locally silty pelitic matrix with 5% dusty pyrite.	FX411154	439.50	441.30	1.80		.002	.1	215	13	108
		441.30 441.96 As above, with 15% dusty pyrite emplacement	FX411155	441.30	441.96	.66		.001	.1	833	11	386
		441.96 448.31 Muddy clasts highly altered to chloritic and talc in variably moderately siliceous matrix with dusty pyrite, no veining, fabric 50 degree to core axis.	FX411156	441.96	443.96	2.00		.001	.1	566	72	12
			FX411157	443.96	445.96	2.00		.007	.1	1160	38	66
			FX411158	445.96	447.31	1.35		.001	.1	439	39	58
			FX411159	447.31	448.31	1.00		.009	.1	637	57	36
		448.31 450.20 2twd locally highly siliceous silty pyritic matrix, locally insitu auto brecciated with chlorite altered clasts, no veining.	FX411160	448.31	450.20	1.89		.011	.1	222	80	22
		450.20 451.96 As above, with more chloritic clay altered clasts with porphyritic trachyte clasts with 1 40 degree vein up to 1 centimetre with massive pyrite in black matrix material.	FX411161	450.20	451.96	1.76		.013	.1	144	45	18
451.96	454.62	FAULT										
		451.96 452.64 Gray green fault gouge, no silicification schistosity 30 degree lower contact 70 degree.	FX411162	451.96	452.64	.68		.072	.6	59	53	11
			FX411163	452.64	454.62	1.98		.034	.2	70	44	8

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		452.64 454.62 As above, mylonitized, brecciated highly altered, locally siliceous trachyte with abundant talc alteration.										
454.62	455.66	TRACHYTE Maroon highly altered, porphyritic, wkly siliceous, trace fine grained disseminated pyrite lower contact 40 degree.	FX411164	454.62	455.66	1.04		.006	.1	7	18	9
455.66	456.27	FAULT Mylonitized trachyte lahar ? lower contact 30 degree, no silicification.	FX411165	455.66	456.27	.61		.083	.2	14	31	2
456.27	459.64	LAHAR Highly altered trachyte lahar with talc altered phenocrysts, matrix brecciated variably siliceous locally soft carbonaceous, fabric 40 degree to core axis	FX411166	456.27	457.92	1.65		.012	.1	9	18	5
			FX411167	457.92	459.64	1.72		.030	.1	25	34	4
459.64	460.04	FAULT Maroon brown highly altered gouged mylonitized trachyte lahar ? lower contact 30 degree, no silicification.	FX411168	459.64	460.04	.40		.003	.1	2	19	12
460.04	460.95	LAHAR As at 456.27 metre with brecciated black carbonaceous matrix with 3% fine grained disseminated pyrite.	FX411169	460.04	460.95	.91		.122	2.6	55	47	272

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
460.95	462.16	FAULT										
		As at 459.64 metre.	FX411170	460.95	462.16	1.21		.102	.3	14	465	23
462.16	463.78	LAHAR										
		Highly altered, locally gouged and mylonitized chloritic, hematitized, high energy trachyte lahar no silicification, no veining, fabric 30 degree to core axis at 462.69 metre.	FX411171	462.16	463.78	1.62		.022	.2	20	125	3
463.78	465.36	FAULT										
		As at 460.95 metre, no silicification, upper contact 50 degree to core axis.	FX411172	463.78	465.36	1.58		.021	.2	11	267	2
465.36	465.73	LAHAR										
		Bleached, buff brown brecciated moderately siliceous clast supported lahar ?.	FX411173	465.36	465.73	.37		.072	.3	7	412	26
465.73	465.90	LOST CORE										
465.90	474.04	LAHAR										
		465.90 469.08 As at 465.73 metre with highly altered	FX411174	465.90	467.76	1.86		.205	.9	10	356	89
		trachyte clasts with hematitized talc	FX411175	467.76	469.08	1.32		.097	.5	39	100	17
		alteration in gray black pyritic locally	FX411176	469.08	469.95	.87		.054	.8	43	151	51
		quartz flooded matrix with 1 possible	FX411177	469.95	470.76	.81		.030	.1	38	223	7
		green trachyte clast cut by 1 veinlet at	FX411178	470.76	471.77	1.01		.175	1.1	135	66	69
		70 degree to core axis with blood red	FX411179	471.77	472.88	1.11		1.160	4.2	243	66	96
		alteration.	FX411180	472.88	473.62	.74		.056	.7	29	357	3

FROM M	TO M	***DESCRIPTION***	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		469.08 469.95 As above, with minor parallel veining skimming core with 2% dusty, sooty pyrite with minor molybdenum ? up to 0.25 centimetre in thickness.	FX411181	473.62	474.04	.42		2.230	12.2	79	192	58
		469.95 470.76 2twd, matrix weak to moderately siliceous, red maroon, clasts green locally altered to chlorite, with 1% coarse grained cubic pyrite.										
		470.76 471.77 2tmd matrix highly siliceous maroon in colour, sandy locally opallinized, clasts altered to chlorite and clays, strectched with gray black incipient quartz flooding, fabric 60 degree.										
		471.77 472.88 As above, with 7% type 1 and 2 gray black quartz veining with brecciated clasts at 20 degree to core axis, closely spaced with 3% pyrite in veins massive platy associated with black siliceous material.										
		472.88 473.62 2twd highly siliceous matrix and clasts, 1% hairline gray black quartz veinlets.										
		473.62 474.04 Highly siliceous clast supported trachyte lahar with 2% type 2 complex, multistage brecciated quartz up to 1.5 centimetre in width with 2% dusty fine grained pyrite with trace molybdenum ? at 40 degree to core axis.										
474.04	474.94	QUARTZ VEIN Type 3 complex, bladed, insitu auto brecciated multistage white gray pale green quartz running parallel to core axis with black siliceous matrix	FX411182	474.04	474.94	.90		9.500	6.6	251	68	362

FROM M	TO M	***DESCRIPTION***	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		material with 2% dusty pyrite with trace molybdenum.										
474.94	478.27	LAHAR										
		474.94 475.86 2thd highly siliceous, high energy trachyte lahar with sandy gray green matrix with shardy clasts cut by 6 closely spaced white bladed quartz carbonate veins at 20 degree to core axis, hairline to 1.5 centimetre.	FX411183	474.94	475.86	.92		.250	3.2	570	58	790
		475.86 476.70 2thd as above, with re brecciated insitu auto brecciated clasts with 1% type 3 bladed quartz at 30 degree to core axis, fabric 30 degree, occasional clasts with pinpoint pyrite.	FX411184	475.86	476.70	.84		.074	1.0	270	105	222
		476.70 477.28 As above, with 70% quartz flooding with re brecciated trachyte clasts, fabric parallel to core axis.	FX411185	476.70	477.28	.58		.390	1.9	119	128	70
		477.28 478.27 As above, with 1% bladed quartz carbonate veining, matrix highly siliceous, clasts up to 15 centimetre not silicified.	FX411186	477.28	478.27	.99		.400	1.2	179	169	21
478.27	479.70	BRECCIA										
		478.27 478.57 Silica flooded chip breccia with type 3 clasts both shardy and rectangular with gray black quartz supporting soft volcanic clasts with pinpoint pyrite.	FX411187	478.27	478.57	.30		1.920	20.1	190	124	969
		478.57 479.70 As above, with 10% vein clasts, fabric 30 degree to core axis with 1% type 3 veining up to 1 centimetre at 30 degree in chloritic lahar with 2% fine grained pyrite	FX411188	478.57	479.70	1.13		.610	7.2	305	70	172

FROM M	TO M	***DESCRIPTION***	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
479.70	481.46	LAHAR										
		2tmd Matrix pink hematitized, sandy, highly siliceous, clasts variably silicified, insitu auto brecciated with 2% distention type 2 veining.	FX411189	479.70	480.47	.77		.124	2.1	329	41	22
			FX411190	480.47	481.46	.99		.057	1.3	170	30	38
481.46	481.87	QUARTZ VEIN										
		80% Gray cherty quartz with multistage flooding with brecciation, upper contact 30 degree, fine grained pyrite associated with detextured lahar.	FX411191	481.46	481.87	.41		1.240	15.0	77	67	599
481.87	484.54	LAHAR										
		Pyrite fine grained up to 2%, disseminated.	FX411192	481.87	483.19	1.32		.410	.9	33	34	12
		481.87 483.19 Highly siliceous trachyte lahar with 4% type 3 pale green white irregular brecciated veining with shardy rectangular clasts in maroon matrix,.	FX411193	483.19	484.54	1.35		.149	.6	376	43	6
		483.19 484.54 2tmd as above, with trachyte clasts up to 35 centimetre with minor pyrite ponding with 4 widely spaced type 3 white pale green quartz veinlets with 25 disseminated pyrite and blebs.										
484.54	484.69	QUARTZ VEIN										
		Type 3 pale green with multistage flooding and brecciation parallel to core axis up to 4 centimetre in thickness, 3% fine grained disseminated pyrite in lahar.	FX411194	484.54	484.69	.15		2.600	1.8	245	23	25

FROM M	TO M	***DESCRIPTION***	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
484.69	485.58	LAHAR										
		As at 483.19 metre.	FX411195	484.69	485.58	.89		.037	.7	468	38	5
485.58	485.70	QUARTZ VEIN										
		Type 3 laminated green white with black gray centre at 60 degree to core axis up to 3.5 centimetre, hematitized along vein walls.	FX411196	485.58	485.70	.12		2.440	1.8	245	82	8
485.70	488.08	LAHAR										
		485.70 486.70 2tmd highly siliceous maroon matrix, trachyte clasts highly siliceous with pinpoint pyrite, pyrite also platy patches in locally quartz flooded matrix.	FX411197	485.70	486.70	1.00		.057	.5	225	24	2
		486.70 488.08 As above, with 1 type 3 discontinuous veinlet up to 1 centimetre at 40 degree to core axis.	FX411198	486.70	488.08	1.38		.062	.5	508	22	5
488.08	488.25	QUARTZ VEIN										
		Type 3 laminated pale green multistage flooded as at 485.58 metre at 40 degree to core axis, up to 5 centimetre in width, 3% pyrite disseminated and as blebs in trachyte clasts.	FX411199	488.08	488.25	.17		2.320	1.4	100	23	3
488.25	496.47	LAHAR										
		488.25 489.89 As at 485.70 metre, fabric 60 degree.	FX411200	488.25	489.89	1.64		.044	.6	403	24	2
		489.89 490.89 As above, moderate leisigang with 2 type 3 veinlets up to 0.75 centimetre widely	FX411201	489.89	490.89	1.00		.095	.6	242	18	4
			FX411202	490.89	491.18	.29		.630	.6	102	37	89

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

FROM M	TO M	DESCRIPTION
		spaced at 30 degree to core axis.
490.89	491.18	As above, with 1 type 3 dark green gray black brecciated quartz vein at 70 degree up to 6 centimetre with fine grained dusty pyrite with trace molybdenum, other veinlets up 2 millimetre.
491.18	492.19	2thd highly siliceous, matrix sandy brown maroon, clasts bleached pale green insitu auto brecciated with 1% type 3 cream gray vuggy quartz up to 0.75 centimetre at 30 degree to core axis, widely spaced.
492.19	493.17	As above, with 1% type 3 gray white green quartz up to 0, 5 centimetre at 40 degree, fabric 40 degree.
493.17	494.17	2thd, 2% distention veined, fabric 40 degree, veining 150 degree with 3% platy pyrite.
494.17	495.58	As above, with rusty brown hematitized pyritic material with shardy rectangular brecciated vein clasts with 1% veining at 20 degree to core axis, pyrite up to 3% disseminated, fabric 30 degree to core axis
495.58	496.47	As above at 491.18 metre with widely spaced 0.5 centimetre type 3 veining at 20 to 50 degree to core axis.
496.47	497.06	BRECCIA Highly siliceous detextured lahar with brecciated type 3 quartz clasts with shardy volcanic clasts in maroon sandy brecciated matrix, pyrite locally up to 3% as large brassy blebs.

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

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411203	491.18	492.19	1.01		4.460	.8	470	68	2
FX411204	492.19	493.17	.98		.122	.5	363	40	10
FX411205	493.17	494.17	1.00		.670	.9	106	27	34
FX411206	494.17	495.58	1.41		.820	1.2	101	29	16
FX411207	495.58	496.47	.89		.760	1.1	389	68	21
FX411208	496.47	497.06	.59		.650	.9	322	31	16

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
497.06	500.00	LAHAR										
		497.06 498.35 2thd highly siliceous with occasional type 2 and 3 brecciated vein clasts with 2% distention veining with type 2 brecciated gray green quartz at 30 degree to core axis	FX411209	497.06	498.35	1.29		.320	1.2	145	32	9
		498.35 499.35 As above, moderate leisigang, fabric locally 30 degree, 1 type 3 gray quartz vein at 140 degree up to 1 centimetre, pyrite disseminated 3%.	FX411210	498.35	499.35	1.00		.350	.8	88	48	3
		499.35 500.00 As above, matrix maroon sandy, hematitized, insitu auto brecciated with 2% type 3 distention veining saprolite to core axis and 20 degree 3% pyrite disseminated cubic.	FX411211	499.35	500.00	.65		.780	n/a	74	43	15
500.00	500.83	QUARTZ VEIN										
		20% type 3 laminated re brecciated, gray cream white green locally bladed quartz as veining saprolite and 30 degree in rusty maroon brecciated matrix with 3% disseminated pyrite.	FX411212	500.00	500.83	.83		.210	.4	35	33	5
500.83	501.77	LAHAR										
		2thd As at 499.35 centimetre with 3% disseminated pyrite and massive pyrite associated with 2% gray black type 2 distention veining, matrix sandy bedding 30 degree.	FX411213	500.83	501.77	.94		.430	1.3	62	36	12
501.77	503.97	BRECCIA										

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		501.77 502.97 Highly detextured lahar as at 500.83 metre with 10% brecciated type 3 gray white quartz chip fragments up to 1 centimetre, 2% pyrite as blebs 502.97 503.97 as above, with highly siliceous bleached pink buff brecciated clasts with 1% silica chip brecciated fragments in black pyritic matrix with 2% distention veining with pyrite fabric 40 degree to core axis.	FX411214	501.77	502.97	1.20		1.050	1.7	121	83	21
			FX411215	502.97	503.97	1.00		.370	2.8	325	58	165
503.97	506.34	QUARTZ VEIN										
		503.97 504.34 Type 3 complex multistage laminated white cream black bladed quartz with septa material, lamellar 50 degree to core axis, pyrite fine grained also massive.	FX411216	503.97	504.34	.37		.290	.8	51	152	95
		504.34 504.90 Complex multistage brecciated type 3 vein material, pyrite up to 3% locally cubic, dusty and disseminated.	FX411217	504.34	504.90	.56		.630	1.0	89	10	94
		504.90 505.48 Massive vuggy locally laminated complex multistage veining, locally ankeritic with hairline fractures infilled with massive dusty pyrite at 60 degree to core axis.	FX411218	504.90	505.48	.58		.065	.7	19	9	19
		505.48 506.34 Complex type 3 brecciated multistage veining, vuggy ankeritic, laminated at 50 degree to core axis with 10% quartz chip brecciated clasts at lower contact.	FX411219	505.48	506.34	.86		2.900	2.9	72	212	44
506.34	506.95	BRECCIA										
		Brecciated lahar and silty sediment material with silica	FX411220	506.34	506.95	.61		9.160	9.4	83	103	38

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		chip breccia clasts in highly siliceous matrix, fabric 50 degree to core axis.										
506.95	507.51	QUARTZ VEIN										
		Gray cherty distention veined material cut by parallel running brecciated type 3 gray quartz veining.	FX411221	506.95	507.51	.56		18.100	14.2	19	32	19
507.51	508.41	BRECCIA										
		Gray quartz flooding, local multistage brecciation with bleached clasts cut by brecciated distention veined material running saprolite and 40 degree to core axis, fabric 40 degree to core axis.	FX411222	507.51	508.41	.90		2.940	3.4	68	18	39
508.41	509.90	QUARTZ VEIN										
		Type 3 pale brown white locally bladed, complex multistage brecciated at 40 degree to core axis, lower contact 40 degree, dusty pyrite in black siliceous material.	FX411223	508.41	509.90	1.49		.480	1.4	20	51	9
509.90	511.17	BRECCIA										
		Dark green moderately siliceous matrix with 25% type 2 and 3 brecciated quartz fragments lower contact gouged at 50 degree to core axis.	FX411224	509.90	510.12	.22		.770	3.1	125	24	27
			FX411225	510.12	511.17	1.05		.420	.8	153	60	16
511.17	531.81	ULTRAMAFIC										
		511.17 513.17 Highly siliceous, detextured brecciated ultramafic derived fan conglomerate with	FX411226	511.17	513.17	2.00		.490	.7	238	58	5
			FX411227	513.17	514.69	1.52		.230	.6	221	52	1

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

FROM M	TO M	DESCRIPTION
		porphyritic trachyte clasts with phenocrysts altered to talc, rare type 2 veining.
513.17	515.69	As above, with rare type 2 veining up to 0.25 centimetre at 30 degree 515.69 516.46 as above, 5% type 2 quartz flooding with gray cream white vuggy quartz in black siliceous pyritic matrix material.
516.46	519.61	As at 511.17 metre.
519.61	520.65	As above, with 2% distention type 3 veining up to 1.5 centimetre at 30 to 60 degree with brecciated quartz clasts with minor flourite in black pyritic material.
520.65	525.14	Moderately to highly siliceous locally detextured with minor green gray quartz flooding.
525.14	526.02	As above, local insitu auto brecciation with clay talc altered matrix material with minor quartz flooding with 1% disseminated pyrite.
526.02	526.95	Highly siliceous matrix with locally chloritic clast, distention veined with 3% black pyritic matrix material and type 2 veining, pyrite interstitial massive platy 2%.
526.95	527.95	As above, with minor distention, pyrite 3% platy.
527.95	530.81	As above, 1% distention with type 2 gray black quartz veining.
530.81	531.81	Black pyritic matrix, moderately to highly detextured, 2% type2 veining parallel to core axis with minor flourite, locally

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

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411228	514.69	515.69	1.00		.350	.9	278	44	10
FX411229	515.69	516.46	.77		.710	.7	174	55	36
FX411230	516.46	518.46	2.00		.390	1.3	262	51	4
FX411231	518.46	519.61	1.15		.260	.7	204	60	8
FX411232	519.61	520.65	1.04		.159	.9	291	47	3
FX411233	520.65	522.65	2.00		.210	.8	230	51	12
FX411234	522.65	524.64	1.99		.100	.6	205	36	2
FX411235	524.64	525.14	.50		.163	.7	158	37	6
FX411236	525.14	526.02	.88		.330	.6	159	31	30
FX411237	526.02	526.95	.93		.500	1.6	211	31	57
FX411238	526.95	527.95	1.00		.104	1.4	196	25	31
FX411239	527.95	529.36	1.41		.330	1.4	270	38	38
FX411240	529.36	530.81	1.45		1.080	1.4	164	42	30
FX411241	530.81	531.81	1.00		.142	.8	134	37	63

72471-0
PAGE 17

FROM M	TO M	************************DESCRIPTION************************	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		massive fine grained pyrite.										
531.81	531.98	QUARTZ VEIN										
		80% Gray black quartz flooding at 20 degree to core axis.	FX411242	531.81	531.98	.17		.152	.9	116	29	200
531.98	534.02	TRACHYTE										
		531.98 533.02 Or trachyte fan conglomerate ? moderate to	FX411243	531.98	533.02	1.04		.123	.8	181	31	16
		highly siliceous, phenocrysts altered to	FX411244	533.02	534.02	1.00		.230	.8	242	40	9
		sericite, talc occasional distention.										
		533.02 534.02 As above, with 1 distention fracture at 20 degree to core axis up to 1 centimetre.										
534.02	534.79	BRECCIA										
		Insitu auto brecciated ultramafic with trachyte clasts in black pyritic siliceous matrix with massive pyrite blebs, upper contact 30 degree.	FX411245	534.02	534.79	.77		.056	1.4	113	36	80
534.79	536.46	ULTRAMAFIC										
		As at 530.81 metre.	FX411246	534.79	536.46	1.67		.054	1.2	142	35	18
536.46	536.87	BRECCIA										
		Highly siliceous detextured multistage brecciated ultramafic fan conglomerate, clast supported in gray black silty siliceous matrix, fabric 40 degree.	FX411247	536.46	536.87	.41		.056	1.4	116	68	413
536.87	537.92	ULTRAMAFIC										

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		Moderately siliceous with 1 type 2 vein parallel to core axis up to 0.25 centimetre, abundant trachyte clasts in locally gray ultramafic derived sediment material, gouged at lower contact for 15 centimetre, lower contact 60 degree.	FX411248	536.87	537.92	1.05		.041	1.6	121	86	75
537.92	544.43	LAHAR										
		537.92 538.92 Highly siliceous trachyte fan	FX411249	537.92	538.92	1.00		.038	.1	34	84	4
		conglomerate, at upper contact becoming	FX411250	538.92	540.92	2.00		.072	.1	45	98	7
		chloritic down hole minor quartz flooding.	FX411251	540.92	542.65	1.73		.022	.1	92	177	2
		538.92 542.65 As above, no silicification, porphyritic.	FX411252	542.65	543.65	1.00		.151	.5	106	119	23
		542.65 543.65 Weakly siliceous trachyte cut by 2 closely spaced distention brecciated veins at 40 degree up to 2 centimetre with quartz fragments in siliceous hematitized black matrix trace pyrite, mylonitized and gouged down hole, fabric 60 degree to core axis.	FX411253	543.65	544.43	.78		.360	.4	44	218	19
		543.65 544.43 As above, with bleached trachyte clasts, no silicification gouged at 60 degree lower contact brecciated trachyte lahar with 20% white pink carbonate flooding both contacts 60 degree, fabric 60 degree to core axis.										
544.43	544.88	BRECCIA										
			FX411254	544.43	544.88	.45		.040	.8	10	158	4
544.88	546.15	FAULT										

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
			FX411255	544.88	546.15	1.27		.032	.1	11	68	15
546.15	550.65	ULTRAMAFIC										
		Bleached highly altered trachyte fan conglomerate, locally brecciated, mylonitized, no silicification lower contact 70 degree	FX411256	546.15	548.15	2.00		.044	.1	10	60	1
		546.15 548.15 Dark green locally insitu auto brecciated, fan conglomerate with occasional trachyte clasts, no silicification, no veining.	FX411257	548.15	549.65	1.50		.018	.1	2	68	1
		548.15 550.65 As above, no silicification, minor calcite veining up to 3 millimetre at 50 degree widely spaced.	FX411258	549.65	550.65	1.00		.003	.1	6	40	1
550.65	561.75	TRACHYTE										
		Variably weakly silicified trachyte fan conglomerate with abundant intermixed ultramafic clasts, locally porphyritic, chloritic, with widely spaced calcite veinlets, locally brecciated with 1% fine grained disseminated pyrite, fractures hematitized with rusty red alteration with calcite altered phenocrysts Foot of Hole.	FX411259	550.65	552.65	2.00		.007	.1	6	52	1
			FX411260	552.65	554.65	2.00		.015	.1	6	51	1
			FX411261	554.65	556.65	2.00		.011	.1	9	81	1
			FX411262	556.65	557.65	1.00		.052	.1	13	153	1
			FX411263	557.65	559.65	2.00		.077	.1	30	118	1
			FX411264	559.65	560.65	1.00		.105	.1	48	71	1
			FX411265	560.65	561.75	1.10		.053	.1	81	62	1

APPENDIX B

ANALYTICAL RESULTS

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

Vault, B.C

BH 72471

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .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 SR 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: DEC 20 1988 DATE REPORT MAILED: Dec 23/88 . SIGNED BY. C. Leong . .D.TOYE. C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

INCO GOLD COMPANY File # 88-6331 Page 1

72471 ↓

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 411141	4	42	43	197	.1	34	22	113	3.56	55	5	ND	3	329	1	17	3	13	.59	.063	7	8	.15	76	.01	2	1.29	.11	.22	1	1
FX 411142	4	26	33	57	.1	30	11	2	6.60	31	5	ND	4	305	1	15	2	5	.32	.041	2	4	.03	26	.01	2	.75	.10	.19	1	1
FX 411143	5	42	56	38	.2	73	29	2	4.45	347	5	ND	4	115	1	64	4	9	.17	.032	2	6	.01	15	.01	2	.94	.04	.05	4	1
FX 411144	63	13	13	264	.1	43	25	24	5.19	326	5	ND	2	45	1	124	4	7	.07	.018	2	3	.01	12	.01	2	.40	.02	.02	9	1
FX 411145	21	21	29	467	.1	45	19	89	4.41	420	5	ND	3	45	1	109	2	4	.28	.017	3	3	.02	11	.01	2	.64	.01	.03	8	1
FX 411146	46	23	26	29	.1	71	42	3	6.82	714	5	ND	2	37	1	126	2	5	.06	.017	2	3	.01	9	.01	2	.60	.01	.01	8	4
FX 411147	85	30	44	46	.1	122	70	2	13.47	1991	6	ND	3	40	1	202	2	6	.07	.021	2	1	.01	10	.01	2	.62	.01	.01	9	1
FX 411148	33	12	24	2	.1	26	13	4	1.24	277	5	ND	4	32	1	35	2	5	.09	.011	3	3	.01	10	.01	5	.72	.01	.01	6	1
FX 411149	43	14	27	4	.2	24	14	7	1.51	248	5	ND	7	23	1	30	2	4	.08	.001	2	3	.01	6	.01	3	.75	.01	.01	22	1
FX 411150	22	14	25	3	.1	18	9	6	.54	109	5	ND	6	28	1	22	3	3	.03	.001	2	6	.01	2	.01	2	.55	.01	.01	6	1
FX 411151	53	18	26	28	.1	37	17	10	1.44	462	5	ND	3	57	1	26	2	17	.51	.005	4	13	.01	38	.01	2	1.74	.01	.02	7	1
FX 411152	155	20	24	53	.1	37	22	6	1.24	427	5	ND	2	51	1	32	2	8	.06	.013	3	6	.01	10	.01	2	.62	.02	.01	7	2
FX 411153	12	10	2	113	.1	14	4	24	.59	78	5	ND	1	19	1	10	2	2	.12	.003	2	8	.01	4	.01	2	.17	.01	.01	3	1
FX 411154	108	19	15	100	.1	38	16	16	1.06	215	5	ND	2	55	1	25	3	6	.07	.006	2	8	.02	12	.01	2	.47	.02	.01	6	2
FX 411155	386	31	36	245	.1	64	30	6	2.98	833	5	ND	1	113	1	46	2	7	.10	.010	2	6	.01	11	.01	2	.52	.04	.02	10	1
FX 411156	12	26	28	133	.1	26	18	9	1.99	566	5	ND	10	223	1	17	2	9	.37	.089	50	6	.04	72	.01	2	.71	.10	.18	7	1
FX 411157	66	13	34	400	.1	20	17	11	3.94	1160	5	ND	2	153	1	30	4	5	.16	.021	4	4	.02	38	.01	2	.44	.07	.15	7	7
FX 411158	58	11	20	334	.1	20	11	17	1.93	439	5	ND	4	144	1	14	2	4	.13	.008	13	5	.02	39	.01	2	.42	.06	.14	4	1
FX 411159	36	19	23	215	.1	20	16	98	4.63	637	5	ND	9	157	1	17	2	17	.32	.083	51	10	.20	57	.01	2	1.11	.07	.23	4	9
FX 411160	22	17	17	37	.1	20	10	128	3.96	222	5	ND	6	106	1	5	2	16	.16	.036	30	16	.30	80	.01	2	1.30	.05	.15	3	11
FX 411161	18	16	24	96	.1	18	11	175	4.33	144	5	ND	10	126	1	2	2	20	.27	.075	55	20	.49	45	.01	2	1.71	.06	.17	1	13
FX 411162	11	16	43	206	.6	25	11	119	3.51	59	5	ND	38	206	1	2	2	10	.52	.154	96	8	.40	53	.01	2	1.65	.09	.23	1	72
FX 411163	8	15	31	157	.2	17	7	72	2.16	70	5	ND	24	159	1	3	2	6	.20	.035	46	4	.19	44	.01	2	.92	.07	.20	1	34
FX 411164	9	1	18	1	.1	2	1	7	.51	7	5	ND	18	97	1	2	2	2	.10	.014	27	4	.02	18	.01	2	.36	.04	.14	2	6
FX 411165	2	2	13	2	.2	2	1	9	.65	14	5	ND	7	101	1	2	2	1	.13	.024	5	4	.03	31	.01	2	.48	.04	.20	3	83
FX 411166	5	3	11	1	.1	4	1	6	.36	9	5	ND	9	89	1	3	2	1	.12	.024	22	4	.01	18	.01	3	.38	.04	.15	2	12
FX 411167	4	2	22	1	.1	5	3	10	.57	25	5	ND	12	93	1	2	2	2	.16	.036	23	3	.02	34	.01	2	.56	.04	.30	2	30
FX 411168	12	1	13	1	.1	1	1	2	.08	2	5	ND	7	129	1	2	2	2	.21	.045	15	2	.02	19	.01	2	.55	.05	.21	1	3
FX 411169	272	3	30	11	2.6	1	1	12	.71	55	5	ND	9	84	1	2	2	3	.10	.015	11	4	.02	47	.01	2	.38	.04	.21	3	122
FX 411170	23	1	32	5	.3	3	1	32	.52	14	5	ND	12	157	1	2	2	3	.28	.071	21	3	.06	465	.01	3	.68	.06	.25	1	102
FX 411171	3	10	45	51	.2	8	6	169	2.66	20	5	ND	23	140	1	2	2	8	.24	.056	61	7	.41	125	.01	2	1.27	.06	.22	1	22
FX 411172	2	15	20	29	.2	6	3	30	.85	11	5	ND	17	128	1	2	2	3	.21	.046	23	4	.11	257	.01	2	.67	.06	.22	1	21
FX 411173	26	1	30	1	.3	5	1	14	.33	7	5	ND	16	99	1	2	2	3	.12	.028	40	6	.02	412	.01	2	.41	.04	.21	2	72
FX 411174	89	11	32	53	.9	8	5	147	2.08	10	5	ND	20	137	1	2	2	8	.17	.042	70	7	.39	356	.01	4	1.06	.05	.21	1	205
FX 411175	17	7	29	18	.5	4	3	35	1.59	39	5	ND	23	85	1	2	2	4	.06	.008	64	5	.08	100	.01	2	.49	.03	.22	2	97
FX 411176	51	1	19	2	.8	2	1	14	1.02	43	5	ND	24	74	1	2	2	4	.06	.004	44	4	.02	151	.01	2	.38	.03	.23	2	54
STD C/AU-R	17	57	41	132	6.7	68	30	1020	3.98	40	19	7	37	48	18	16	18	58	.47	.088	39	56	.90	174	.06	32	1.96	.06	.14	12	490

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 411177	7	43	24	118	.1	48	17	530	4.47	38	5	ND	7	143	1	2	2	27	.49	.135	66	37	1.31	223	.01	2	2.44	.06	.22	1	30
FX 411178	69	15	12	50	1.1	23	9	347	3.16	135	5	ND	1	98	1	2	2	22	.51	.078	23	26	.86	66	.01	6	1.23	.02	.13	1	175
FX 411179	96	16	16	42	4.2	20	9	313	3.18	243	5	2	1	83	1	3	2	26	.63	.087	30	23	.76	66	.01	2	1.12	.02	.14	1	1160
FX 411180	3	16	11	56	.7	16	10	398	3.30	29	5	ND	2	101	1	2	2	33	1.15	.114	47	38	.98	357	.01	2	1.52	.02	.13	1	56
FX 411181	58	20	12	40	12.2	14	11	317	3.04	79	5	3	1	118	1	2	4	34	1.33	.093	38	30	.98	192	.01	2	1.32	.01	.10	1	2230
FX 411182	362	13	14	27	6.6	11	6	216	2.77	251	5	9	1	178	1	6	2	27	2.04	.150	20	34	.43	68	.01	2	.79	.01	.11	2	9500
FX 411183	790	15	17	37	3.2	12	11	291	3.76	570	5	ND	2	342	1	11	3	37	4.50	.186	32	23	.38	58	.01	2	.91	.01	.14	1	250
FX 411184	222	13	18	54	1.0	14	12	282	3.86	270	5	ND	3	97	1	3	2	40	1.12	.162	65	29	.76	105	.01	2	1.34	.02	.16	1	74
FX 411185	70	12	8	27	1.9	11	5	182	2.11	119	5	ND	1	58	1	2	4	32	.69	.083	22	20	.47	128	.01	3	.68	.01	.07	1	390
FX 411186	21	13	7	50	1.2	15	11	416	2.82	179	5	ND	1	135	1	2	2	28	1.52	.137	63	30	.79	169	.01	5	1.17	.02	.18	1	400
FX 411187	969	18	36	35	20.1	16	10	116	1.27	190	5	2	1	144	1	9	2	12	1.34	.072	37	8	.12	124	.01	4	.41	.02	.18	1	1920
FX 411188	172	15	20	34	7.2	13	9	141	1.94	305	5	ND	1	139	1	2	2	12	1.28	.104	52	10	.22	70	.01	4	.59	.03	.19	1	610
FX 411189	22	19	18	61	2.1	19	17	176	3.40	329	5	ND	3	71	1	3	2	34	.77	.170	73	26	.54	41	.01	3	1.05	.02	.19	1	124
FX 411190	38	21	14	62	1.3	14	14	213	3.74	170	5	ND	3	61	1	3	2	38	.61	.168	67	36	.62	30	.01	2	1.25	.02	.17	1	57
FX 411191	599	12	24	24	15.0	20	9	118	1.79	77	5	ND	2	47	1	3	4	18	.37	.052	29	20	.26	67	.01	2	.56	.01	.13	1	1240
FX 411192	12	23	12	50	.9	27	11	213	3.30	33	5	ND	2	67	1	2	2	37	.67	.100	51	39	.80	34	.01	2	1.19	.01	.13	1	410
FX 411193	6	50	22	62	.6	30	13	183	3.59	376	5	ND	4	42	1	2	2	43	.49	.126	63	48	.70	43	.01	3	1.08	.01	.14	1	149
FX 411194	25	13	11	34	1.8	16	7	96	1.92	245	5	3	1	20	1	6	2	22	.22	.049	23	63	.33	23	.01	2	.53	.01	.11	1	2600
FX 411195	5	20	19	60	.7	24	13	148	3.34	468	5	ND	4	31	1	2	2	45	.37	.109	61	42	.72	38	.01	3	1.02	.01	.14	1	37
FX 411196	8	12	12	24	1.8	20	6	86	1.56	245	5	3	1	37	1	2	2	17	.33	.030	16	24	.23	82	.01	3	.44	.01	.13	1	2440
FX 411197	2	19	22	62	.5	30	13	206	3.86	225	5	ND	3	38	1	2	2	49	.40	.109	54	45	.86	24	.01	5	1.31	.01	.12	1	57
FX 411198	5	14	16	65	.5	35	14	177	3.77	508	5	ND	5	34	1	4	2	49	.46	.146	59	54	.71	22	.01	2	1.05	.01	.13	1	62
FX 411199	3	16	20	39	1.4	19	8	157	2.73	100	5	3	3	26	1	2	2	30	.31	.084	37	31	.55	23	.01	3	.75	.01	.12	1	2320
FX 411200	2	22	13	58	.6	31	14	178	3.51	403	5	ND	4	36	1	8	2	45	.49	.169	58	53	.89	24	.01	3	1.15	.01	.12	1	44
FX 411201	4	9	19	50	.6	43	13	192	3.28	242	5	ND	3	40	1	2	2	46	.64	.158	53	61	.94	18	.01	2	1.13	.01	.12	1	95
FX 411202	89	11	14	45	.6	49	11	201	3.62	102	5	ND	5	41	1	2	2	57	.50	.170	44	94	.82	37	.01	2	1.31	.01	.13	1	630
FX 411203	2	6	17	50	.8	33	12	166	3.27	470	5	ND	4	48	1	7	2	49	.83	.129	60	72	.71	68	.01	2	.81	.01	.14	1	4460
FX 411204	10	7	16	52	.5	47	15	158	3.13	363	5	ND	5	35	1	4	2	40	.49	.147	47	83	.72	40	.01	2	.92	.01	.14	1	122
FX 411205	34	32	14	52	.9	36	11	204	3.84	106	5	ND	3	37	1	2	2	62	.43	.114	38	59	1.10	27	.01	3	1.35	.01	.11	1	670
FX 411206	16	36	13	56	1.2	30	11	211	3.91	101	5	ND	3	37	1	2	2	63	.40	.118	45	54	1.15	29	.01	2	1.36	.01	.12	1	820
FX 411207	21	12	10	44	1.1	32	11	150	3.09	389	5	ND	3	82	1	3	3	40	.66	.115	42	63	.70	68	.01	3	.74	.01	.12	1	760
FX 411208	16	16	20	46	.9	34	10	150	3.06	322	5	ND	3	52	1	3	2	36	.43	.109	34	52	.65	31	.01	5	.65	.01	.12	1	650
FX 411209	9	16	10	50	1.2	38	11	189	3.19	145	5	ND	3	51	1	2	2	38	.46	.122	32	60	.82	32	.01	3	.87	.01	.11	1	320
FX 411210	3	22	16	64	.8	35	12	251	3.91	88	5	ND	3	82	1	2	2	55	.74	.126	50	61	1.30	48	.01	5	.98	.01	.11	1	350
FX 411211	15	23	18	58	.8	32	10	208	3.45	74	5	ND	4	47	1	2	2	59	.46	.121	46	66	1.13	43	.01	3	1.14	.01	.12	1	780
FX 411212	5	50	10	44	.4	69	11	174	2.81	35	5	ND	1	55	1	2	2	32	.53	.141	23	88	.91	33	.01	2	.88	.01	.10	1	210
STD C/AU-R	17	57	42	132	7.2	68	30	1022	4.09	42	16	7	37	47	19	20	18	58	.49	.089	39	56	.92	174	.06	36	1.99	.06	.14	11	470

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 411213	12	38	13	47	1.3	62	10	131	2.90	62	5	ND	2	66	1	2	2	36	.57	.135	23	75	.84	36	.01	2	.76	.01	.18	2	430
FX 411214	21	22	14	52	1.7	32	9	243	3.52	121	5	ND	4	73	1	2	2	47	.47	.107	46	53	1.08	83	.01	2	.43	.01	.20	1	1050
FX 411215	165	28	21	74	2.8	40	14	263	4.23	325	5	ND	6	76	1	12	4	44	.50	.131	46	54	1.09	58	.01	2	.51	.01	.19	1	370
FX 411216	95	4	2	5	.8	8	1	41	.73	51	5	ND	1	25	1	3	2	4	.14	.003	2	9	.09	152	.01	2	.12	.01	.07	2	290
FX 411217	94	4	2	12	1.0	5	1	90	1.53	89	5	ND	1	47	1	2	2	12	.17	.008	2	8	.15	10	.01	7	.14	.01	.05	4	630
FX 411218	19	3	2	9	.7	4	1	98	1.46	19	5	ND	1	29	1	2	2	9	.09	.014	2	7	.14	9	.01	2	.16	.01	.05	2	65
FX 411219	44	19	9	23	2.9	10	2	187	3.19	72	5	ND	1	77	1	3	2	22	.21	.044	10	13	.30	212	.01	2	.34	.01	.11	5	2900
FX 411220	38	18	15	31	9.4	22	6	215	3.80	83	5	14	1	102	1	2	2	23	.36	.100	24	14	.43	103	.01	2	.47	.03	.22	2	9160
FX 411221	19	53	5	17	14.2	10	2	134	2.12	19	5	21	1	51	1	2	2	10	.19	.043	11	10	.27	32	.01	2	.35	.02	.14	3	18100
FX 411222	39	76	12	29	3.4	24	6	164	2.35	68	5	2	2	58	1	2	2	21	.30	.089	28	33	.33	18	.01	2	.62	.02	.15	2	2940
FX 411223	9	8	5	18	1.4	7	2	160	1.93	20	5	ND	1	30	1	2	2	9	.17	.023	8	12	.25	51	.01	5	.34	.01	.07	6	480
FX 411224	27	18	12	50	3.1	27	8	411	5.13	125	5	ND	6	76	1	4	2	40	.31	.106	52	70	.97	24	.01	2	2.15	.03	.22	3	770
FX 411225	16	11	16	59	.8	7	8	185	2.78	153	5	ND	5	56	1	2	2	16	.40	.126	60	13	.48	60	.01	2	.74	.02	.22	2	420
FX 411226	5	11	20	67	.7	5	11	311	3.59	238	5	ND	6	61	1	2	2	31	.44	.169	72	14	.87	58	.01	2	1.26	.02	.28	1	490
FX 411227	1	12	21	70	.6	4	10	384	3.72	221	5	ND	5	62	1	2	2	40	.44	.167	64	15	1.09	52	.01	2	1.48	.02	.28	1	230
FX 411228	10	13	24	68	.9	5	11	295	3.08	278	5	ND	5	66	1	2	2	31	.59	.175	59	13	.85	44	.01	2	1.14	.02	.29	1	350
FX 411229	36	10	19	70	.7	4	7	190	2.18	174	5	ND	3	44	1	2	10	26	.43	.104	48	13	.59	55	.01	2	.79	.01	.26	2	710
FX 411230	4	11	26	68	1.3	4	10	392	3.74	262	5	ND	7	67	1	3	2	44	.54	.174	67	16	1.23	51	.01	2	1.60	.02	.31	1	390
FX 411231	8	11	23	57	.7	4	9	305	2.90	204	5	ND	5	54	1	2	2	34	.47	.148	66	15	.90	60	.01	2	1.16	.02	.29	2	260
FX 411232	3	18	22	60	.9	4	9	422	3.32	291	5	ND	6	62	1	2	2	33	.48	.167	69	14	1.21	47	.01	2	1.45	.02	.27	1	159
FX 411233	12	14	20	70	.8	4	10	468	3.51	230	5	ND	4	62	1	3	2	40	.47	.176	63	17	1.33	51	.01	2	1.62	.02	.29	2	210
FX 411234	2	15	22	72	.6	3	10	691	3.97	205	5	ND	4	71	1	2	2	37	.47	.168	60	16	1.46	36	.01	2	1.79	.02	.27	1	100
FX 411235	6	13	23	55	.7	3	8	355	3.31	158	5	ND	4	58	1	2	2	29	.41	.130	60	12	1.00	37	.01	2	1.19	.02	.24	1	163
FX 411236	30	14	17	60	.6	5	7	210	2.75	159	5	ND	4	59	1	2	2	26	.39	.094	49	12	.92	31	.01	5	.97	.02	.21	1	330
FX 411237	57	16	82	48	1.6	4	9	174	3.10	211	5	ND	3	58	1	2	2	21	.43	.109	62	9	.57	31	.01	2	.72	.02	.19	1	500
FX 411238	31	14	23	54	1.4	3	10	167	3.27	196	5	ND	5	72	1	2	2	26	.41	.127	73	7	.64	25	.01	2	.93	.03	.27	1	104
FX 411239	38	12	53	54	1.4	4	9	296	3.38	270	5	ND	4	73	1	2	2	34	.77	.147	73	11	.80	38	.01	5	.99	.02	.22	2	330
FX 411240	30	11	30	52	1.4	23	8	398	4.17	164	5	2	7	67	1	2	2	51	.50	.160	72	34	1.11	42	.01	2	1.56	.03	.27	1	1080
FX 411241	63	13	37	58	.8	3	8	393	3.52	134	5	ND	6	75	1	2	2	40	.47	.145	81	12	1.17	37	.01	2	1.51	.03	.27	1	142
FX 411242	200	10	27	43	.9	5	7	264	2.11	116	5	ND	2	55	1	2	2	26	.40	.083	59	7	.68	29	.01	2	.81	.02	.16	1	152
FX 411243	16	15	34	63	.8	3	8	352	3.60	181	5	ND	5	75	1	2	2	36	.43	.149	83	12	1.14	31	.01	2	1.38	.03	.25	1	123
FX 411244	9	12	16	62	.8	2	9	396	3.48	242	5	ND	4	69	1	2	2	35	.46	.157	86	12	1.16	40	.01	2	1.49	.03	.25	1	230
FX 411245	80	13	21	60	1.4	4	10	230	2.45	113	5	ND	4	97	1	2	2	26	.59	.189	110	11	.72	36	.01	2	1.14	.04	.31	1	56
FX 411246	18	12	21	58	1.2	3	9	290	2.80	142	5	ND	6	107	1	2	2	25	.51	.161	100	11	.95	35	.01	3	1.43	.04	.36	1	54
FX 411247	413	8	32	38	1.4	5	6	193	2.04	116	5	ND	4	88	1	2	2	20	.49	.094	73	9	.53	68	.01	2	.90	.03	.31	2	56
FX 411248	75	9	26	44	1.6	9	7	411	2.45	121	5	ND	6	130	1	2	2	19	1.06	.120	85	8	.78	86	.01	6	.97	.04	.28	1	41
STD C/AU-R	19	63	42	132	7.2	69	30	1036	4.24	42	19	8	39	51	19	17	19	63	.50	.099	42	60	.91	179	.07	38	2.02	.06	.14	11	490

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 411249	4	16	28	38	.1	43	10	389	2.71	34	5	ND	7	160	1	2	2	17	1.27	.129	81	23	.76	84	.01	4	.78	.04	.24	2	38
FX 411250	7	14	35	47	.1	8	8	400	2.22	45	5	ND	8	177	1	2	2	12	1.82	.133	115	9	.58	98	.01	6	.94	.05	.27	2	72
FX 411251	2	11	35	67	.1	9	10	456	2.82	92	5	ND	10	154	1	2	2	20	1.31	.182	129	11	.75	177	.01	3	1.24	.04	.25	1	22
FX 411252	23	11	27	59	.5	8	10	351	2.94	106	5	ND	10	141	1	2	2	16	1.06	.143	113	8	.49	119	.01	4	.73	.04	.27	1	151
FX 411253	19	13	28	86	.4	6	9	494	2.68	44	5	ND	13	192	1	2	2	18	1.60	.152	119	7	.72	218	.01	9	.81	.04	.27	1	360
FX 411254	4	10	13	32	.8	8	4	831	1.18	10	5	ND	2	265	1	2	2	13	7.48	.049	38	12	.54	158	.01	5	.66	.01	.15	2	40
FX 411255	15	16	27	51	.1	5	6	497	2.28	11	5	ND	10	197	1	2	2	13	2.17	.125	140	3	.61	68	.01	8	1.08	.04	.32	1	32
FX 411256	1	18	31	75	.1	5	9	382	2.45	10	5	ND	10	169	1	2	3	17	1.39	.138	151	5	.75	60	.01	2	1.35	.05	.22	1	44
FX 411257	1	16	34	62	.1	6	8	425	2.37	2	5	ND	8	170	1	2	2	15	1.44	.138	146	4	.73	68	.01	6	1.35	.05	.22	1	18
FX 411258	1	15	26	80	.1	6	10	508	2.59	6	5	ND	9	169	1	2	2	12	1.78	.130	145	4	.94	40	.01	2	1.58	.05	.24	1	3
FX 411259	1	18	34	52	.1	6	8	417	2.22	6	5	ND	10	185	1	2	2	11	2.06	.137	156	7	.59	52	.01	2	1.18	.05	.26	1	7
FX 411260	1	17	39	70	.1	5	9	507	2.60	6	5	ND	9	198	1	2	2	13	2.08	.137	161	4	.86	51	.01	3	1.55	.06	.27	1	15
FX 411261	1	19	41	64	.1	4	10	543	2.54	9	5	ND	10	177	1	2	2	16	1.68	.131	149	4	.70	81	.01	3	1.34	.04	.21	1	11
FX 411262	1	17	38	66	.1	4	9	560	2.69	13	5	ND	10	180	1	2	2	18	1.57	.139	148	4	.70	153	.01	3	1.35	.04	.21	1	52
FX 411263	1	17	38	63	.1	4	9	389	2.37	30	5	ND	8	171	1	2	2	19	1.53	.138	138	4	.60	118	.03	3	1.22	.04	.23	5	77
FX 411264	1	17	31	62	.1	4	9	378	2.40	48	5	ND	8	154	1	2	2	20	1.31	.135	138	2	.62	71	.02	4	1.18	.04	.20	3	105
FX 411265	1	19	28	53	.1	5	10	347	2.36	31	5	ND	8	142	1	2	2	19	1.45	.134	134	4	.56	62	.01	2	1.23	.04	.27	1	53
STD C/AU-R	18	62	41	132	6.7	68	31	1019	3.93	40	22	7	37	47	19	20	19	58	.47	.088	38	55	.90	174	.06	35	1.90	.06	.13	12	525

DRILL PLAN

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,745

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)
○ PDH 85-5 Drill Site
Swamp

100 50 0 100 200 300
METRES

Canadian Nickel Company Limited

Project: VAULT PROPERTY		Area: OKANAGAN FALLS, OSOYOOS M.D., B.C.	
GEOLOGY SURVEY + Borehole Locations		SHEET	FIGURE 3
Supervisor: Wim Groeneweg	Instrument:	Survey date: June 1986	
Compiled by: E. Hunter	Drawn by: D.W. Walsh	Date drawn: 05/25/88	Revised: May 1989
Scale: 1 : 4000	File:	N.T.S. 82E 5E	

SKETCH PLAN SHOWING LEGAL CORNER POST LOCATIONS OF VAULT 1, 2, 3, 4, 5 & 7 MINERAL CLAIMS, OSOYOOS MINING DIVISION OKANAGAN FALLS, BRITISH COLUMBIA.

NTS MAP SHEET 82 E/5

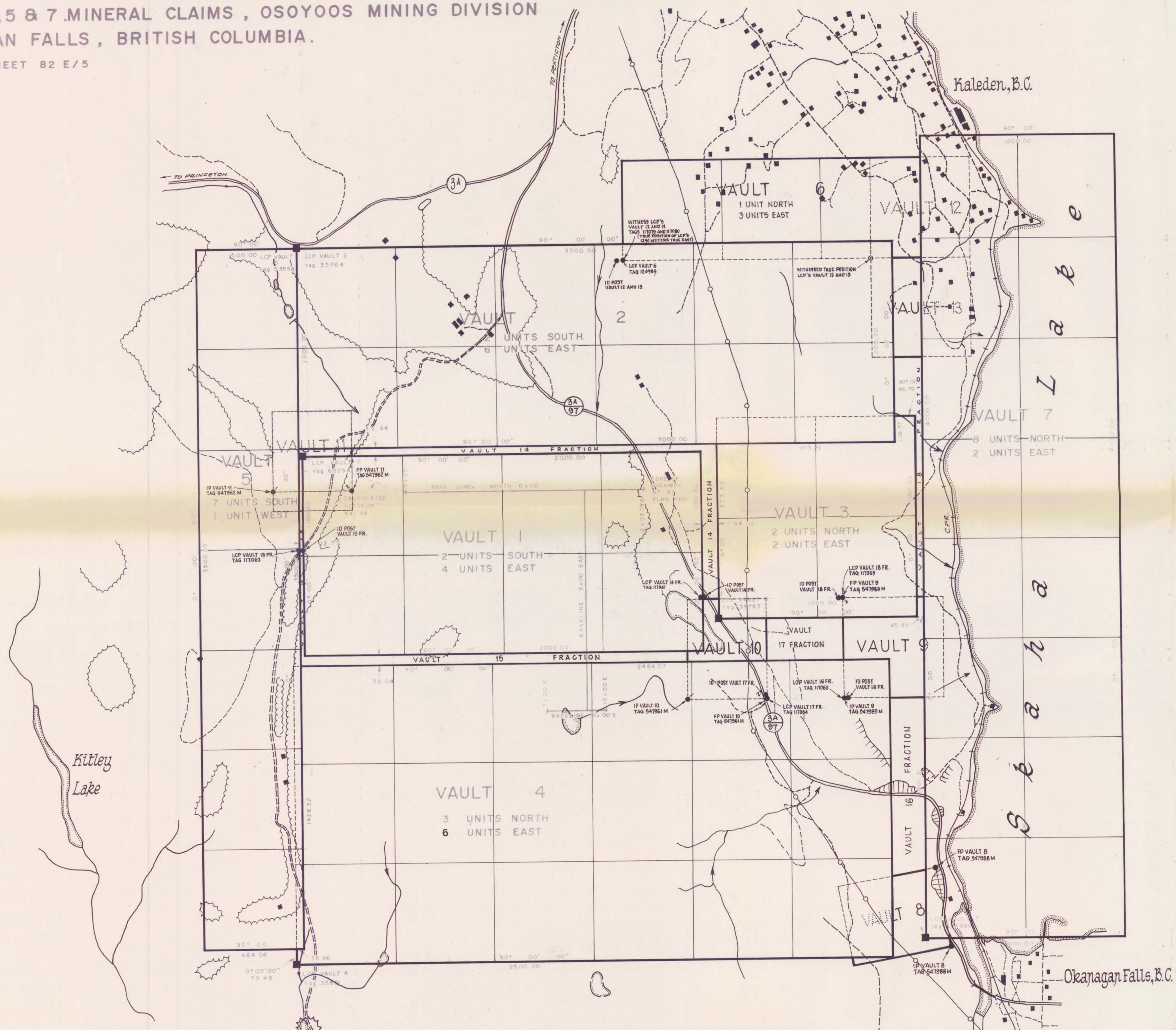


FIGURE 2

Canadian Nickel Company Limited

Vault Property, Okanagan Falls, B.C.
Osoyoos M.D.

Location of claims and baselines

SCALE 1:10,000

Revised May 1989 by W. Groeneweg

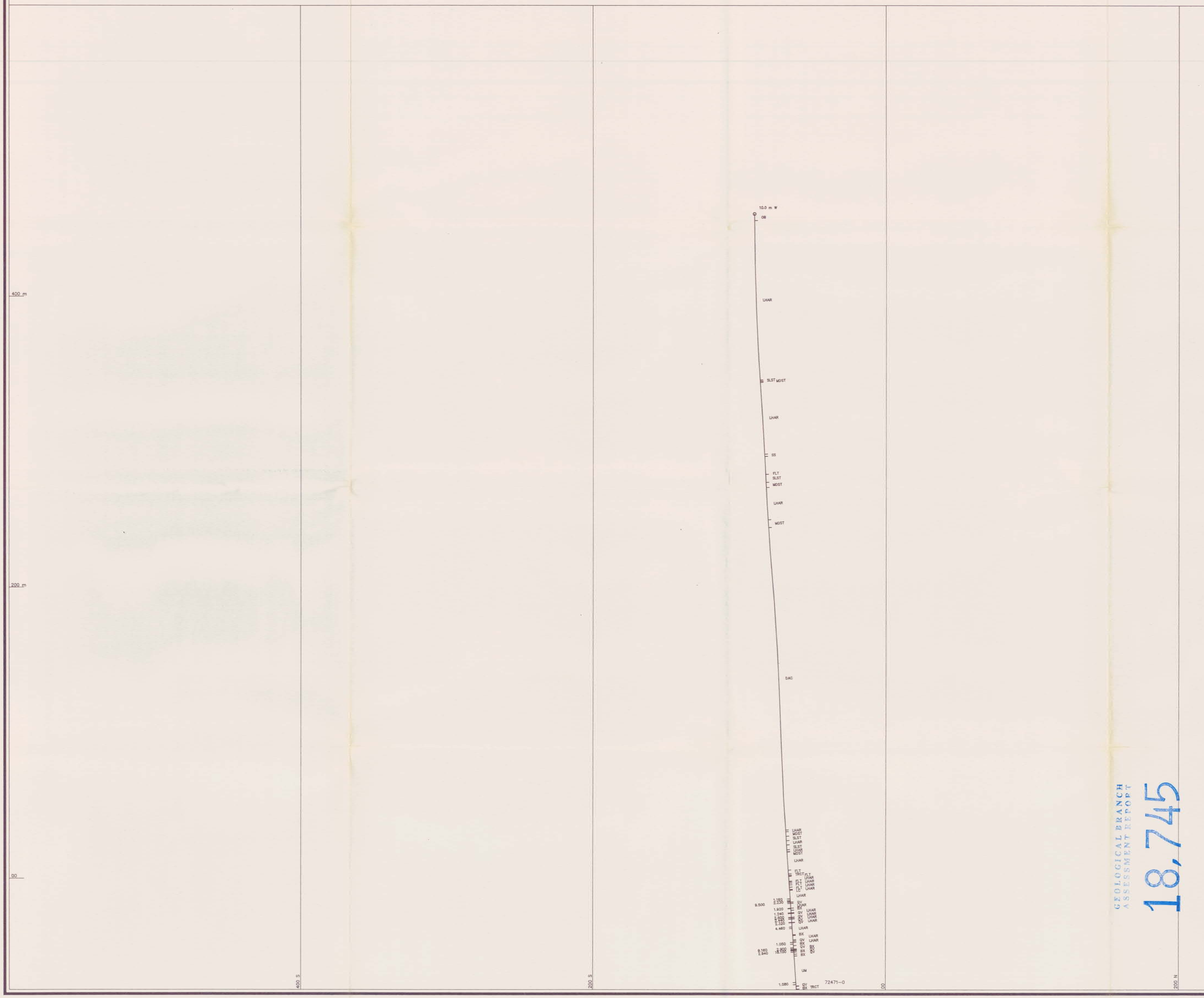
GEOLOGICAL BRANCH
ASSESSMENT REPORT
18,745

Canadian Nickel Company Limited

Project: VAULT PROPERTY		Area: Okanagan Falls, Osoyoos MD, BC.	
SECTION 1100 E		SHEET 3	FIGURE 4b
Supervisor: Wm. Groeneweg	Instrument:	Survey date:	
Compiled by: E.F.Pattison	Drawn by: D.W.Walsh	Date drawn: 01/11/89	Revised: May 1989
Scale: 1:1000	File: V0110EA3.DWG	N.T.S. 82 E 5E	

V0110EA3.DWG

V0110EA1.DWG



Au values in ppm greater than 1 ppm plotted only.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,745

Canadian Nickel Company Limited

Project: VAULT PROPERTY	Area: Okanagan Falls, Osoyoos MD, BC.	
SECTION 1100 E	SHEET 1	FIGURE 4a
Supervisor: Wim Groeneweg	Instrument:	Survey date:
Compiled by: E.F.Pattison	Drawn by: C.B.Satchelle	Date drawn: 09/30/88 — Revised: 01/11/89
Scale: 1:1000	File: V0110EA1.DWG	N.T.S. 82 E 5E