DIAMOND DRILLING REPORT

ON THE

EPI 1-4 and K.G.D. CLAIMS

CLINTON MINING DIVISION
N.T.S. 92P-2W
Latitude: 51°09'N; Longitude 120°51'W

OWNER: Inco Limited
OPERATOR: Canadian Nickel Company Limited
Work done from June 18, 1989 to July 9, 1989

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Canadian Nickel Company Limited
Vancouver, B.C.
September, 1989

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1.0 SUMMARY

The EPI 1-4 and K.G.D. claims (54 units), located approximately 63 km north of Savona, British Columbia in the Clinton Mining Division, were staked in 1985 and 1986 by Michael Dickens and optioned to Inco Limited in 1988. Access to the property is via the Deadman River road which connects to the Trans Canada Highway.

Geologically, the EPI claim group is underlain by Late Triassic mafic to intermediate volcanic rocks of the Nicola Group. These are intruded by Triassic or Jurassic granitic rocks of the Thuya Batholith Suite. The Nicola volcanics were locally silicified near the paleo-surface and carbonatized further at depth. Extensive Eocene sedimentary and volcanic rocks cover much of the older rocks. Several faults and shear zones cut the pre-Eocene rocks. Mineralization consists of thin quartz veins with minor base and precious metal values cutting zones of carbonatization within the Nicola volcanics.

Diamond drilling in 1989 consisted of 3 holes totalling 1076.93 m. The drilling program determined variable carbonatization, argillic alteration and weak quartz veining within Nicola Croup volcanic rocks. However, no significant gold mineralization was encountered. The highest value in drilling is 0.3 ppm Au over 2.8 m of chlorite - clay altered Nicola lapilli tuff.

2.0 INTRODUCTION

This report covers work done on the EPI 1-4 and K.G.D. claims (54 units) during the period June 18 to July 9, 1989.

2.1 Location, Access, Physiography

The EPI 1-4 and K.G.D. claims are located approximately 55 km north of the Trans Canada Highway along the Deadman River road which leaves Highway No. 1 eight km west of Savona, B.C. and 35 km east of Cache Creek. The Deadman River road cuts through the southwestern and central parts of the claims.

The claim group occurs on a relatively flat plateau with elevations ranging from 1025 m to 1100 m above sea level. The northern part is cut by the Deadman River gorge which ranges from 884 m to 1037 m above sea level. Two small sub-kilometre lakes are present: Outpost Lake on EPI #2 claim and Allie Lake on EPI #3. Drainages flow southerly into the Deadman River system.

2.2 Property Definition

The Epi 1-4 and K.G.D. claims are located in the Clinton Mining Division, claim sheet N.T.S. 92P-2W (Figure 1).

Canadian Nickel Company Limited has conducted exploration work on the EPI 1-4 and K.G.D. claims owned by Inco Limited. The claim holdings consist of five claims totalling 54 units.

EPI 1-4 & K.G.D. CLAIMS

Young L.
Bonaparte Lake
Mayson L.
Allan L.
Hoopataskwa L.
Upper Loon L.
Hamilton Cr.
Ross Cr.
Bare L.
Elbow L.
Vidette L.
Willowgrouse L.
Deadman R.
Loon Lake
Snahoosh L.
Deadman R.
Chartrand L.
Hihium L.
KAMLOOPS LILLOOET DIVISION
LAND DISTRICT OF YALE
CRISS CREEK LAND DISTRICT
TRANQUILLE PROVINCIAL FOREST
TRANQUILLE PROVINCIAL FOREST
DEADMAN'S CREEK INDIAN RESERVE
CACHE CREEK
ASHCROFT
SAVONA
COPPER CREEK
C.N.R.
KAMLOOPS LAKE
C.P.R.
BROCKLEHURST
NORTH KAMLOOPS
RAYLEIGH MOUNT
BARRIERE R.
LOUIS CREEK
North Thompson R.
51°00'
121°00'
0 5 10 Km

Figure 1

INCO GOLD COMPANY

EPI 1-4 & K.G.D. CLAIMS

Vidette Area, Clinton M.D., B.C.

Property Location Map

Scale 1:250,000

92P/2W

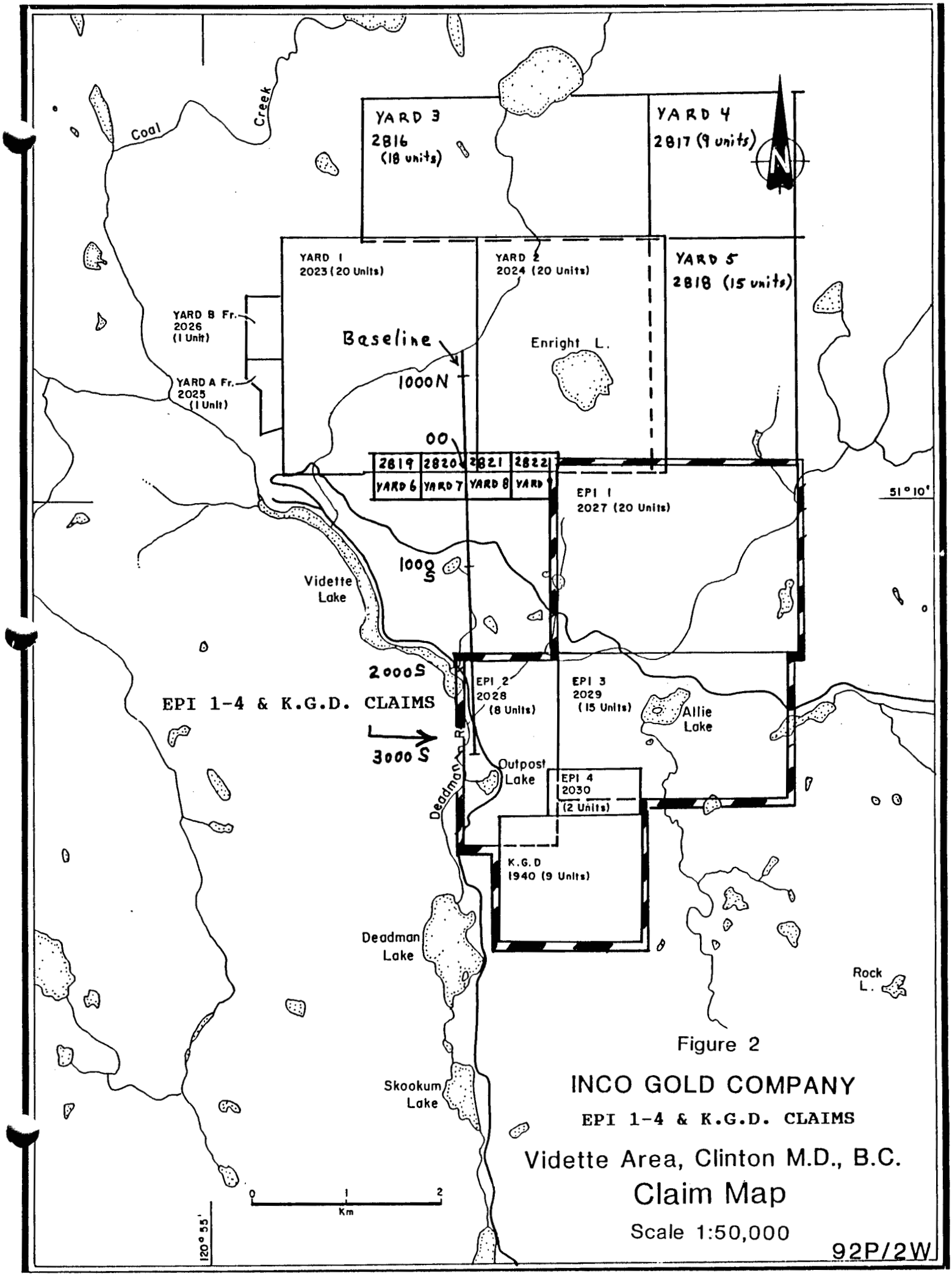

Figure 2

INCO GOLD COMPANY

EPI 1-4 & K.G.D. CLAIMS

Vidette Area, Clinton M.D., B.C.

Claim Map

Scale 1:50,000

92P/2W

Name	Units	Record No.	Date Recorded	Expiry Date
EPI #1	20	2027	July 11, 1986	July 11, 1991
EPI #2	8	2028	July 11, 1986	July 11, 1990
EPI #3	15	2029	July 11, 1986	July 11, 1990
EPI #4	2	2030	July 11, 1986	July 11, 1990
K.G.D.	9	1940	Dec. 10, 1985	Dec. 10, 1990

2.3 Previous Work

A review of the B.C. Ministry of Energy, Mines and Petroleum Resources Mineral Inventory and Assessment Report Index Map indicates no previous work has been filed or reported on the ground covered by the EPI 1-4 and K.G.D. claims other than work in 1988 conducted by Canadian Nickel Company Limited. The latter work consisted of gridding, prospecting, geological mapping, rock and soil geochemical sampling.

Few anomalies occur over the gridded parts of the EPI 2 and 3 claims because of the lack of response from extensive Miocene sedimentary and volcanic rocks. Those anomalies present occur within the area underlain by Nicola Group volcanics. A broad arsenic anomaly (up to 694 ppm) and two spot silver anomalies (each 0.7 ppm) are coincident with the carbonatized ± silicified zones on either side of Deadman River. An elongate NW-trending gold anomaly (up to 150 ppb) is present on the south side of the Deadman River at 2400S and 325E and a small arsenic anomaly occurs at 2500S along the baseline (40 ppm).

Previous work in the nearby area has concentrated on the Vidette Mine and the contiguous GNOME claim to the northwest.

During the period 1933 to 1940, the Vidette Mine produced approximately 40,000 oz of gold, 30,000 oz of silver and 100,000 lbs of copper from 55,000 tons of ore (Gruenwald, 1980). Mineralization consists of northwest trending quartz veins with pyrite, chalcopyrite and tellurides and the veins are localized along "fault fractures in the Nicola greenstones" (Cockfield, 1935, p. 30).

The GNOME claim has been explored as a molybdenum prospect in the late 1970's and early 1980's and more recently as a gold prospect. The most recent work program involved geological mapping, geochemistry and diamond drilling of two holes (Morin, 1989).

2.4 1989 Exploration Program

The 1989 exploration program was carried out by Canadian Nickel Company Limited and a contractor, Beaupre Diamond Drilling Limited during June 18 to July 9, 1989. The program consisted of diamond drilling 3 holes totalling 1076.93 m. A total of 376 core samples were geochemically analyzed by the ICP method for 30 elements and by atomic absorption for gold.

3.0 REGIONAL GEOLOGY

Upper Proterozoic to Triassic eugeosynclinal sedimentary and volcanic rocks form a northwest trending sequence of rocks within this part of the Intermontane Belt in south-central British Columbia (Bonaparte Lake map-area, N.T.S. 92P - Campbell and Tipper, 1971). They are intruded by two suites of granitic plutonic bodies: the older Thuya and Takomkane Batholiths of Triassic or Jurassic age and the younger Cretaceous Raft and Baldy Batholiths. Extensive Tertiary volcanic and minor sedimentary rocks overlie much of the older rocks.

Regional structure is dominated by north-northwest trending faults: the Pinchi Fault to the northeast and the Fraser-Straight Creek Fault to the west. Shear zones with related alteration and mineralization are commonly associated with these faults.

4.0 PROPERTY GEOLOGY

The EPI claim group is underlain by late Triassic Nicola Group volcanics intruded by granitic rocks of the Triassic or Jurassic Thuya Batholith and overlain by Miocene sediments and volcanics.

General geology of part of the property is outlined in Figure 3.

4.1 Geological Units

Late Triassic andesitic lapilli tuff of the Nicola Group are the oldest rocks on the property. Rare quartz +\- feldspar porphyry dikes of Cretaceous(?) age cut the Nicola Croup.

Overlying the Nicola volcanics on the EPI claim group are local clastics of the Miocene Deadman River Formation and lava flows of the Plateau Lava. The volcanics overlie the sediments and consist of olivine-porphyritic basalt lava flows.

4.2 Structure, Alteration and Mineralization

The area is cut by numerous faults and shear zones. Deformation is widespread and especially prominent in rocks of the Nicola Group. They display no primary layering and vary from massive to intensely sheared, the latter especially near faults and shear zones.

Four types of fault structures are evident:

1) N-NW-trending major fault along the Vidette Lake valley;
2) W-NW-trending shear zones with locally extensive argillic alteration, carbonatization and minor quartz veins and silicification; some en echelon sinistral offset of the Vidette Lake valley fault has taken place along these shear zones;

3) N-trending lineament marked by sheared Nicola Group rocks locally cut by quartz vein swarms and overlain by highly silicified Nicola volcanics and chalcedony matrix breccia;

4) W-SW-trending airphoto lineaments probably correlative with normal faults and locally coincident with Deadman Creek.

Campbell and Tipper (1971) considered much of the deformation to be related to block faulting of probable Cretaceous age.

Alteration is widespread in rocks underlying the EPI 1-4 and K.G.D. claims (Morin, 1988). Nicola volcanics are extensively altered to chlorite-rich calcareous greenstones and range from massive to schistose in texture. They are locally carbonatized within zones of intense shearing to assemblages of ankerite and dolomite(?) with minor quartz and calcite. This alteration is especially evident west of Deadman River Falls where three major zones of carbonatization are hosted in Nicola volcanics (Zones A, B and C) and exposed along cliff outcrops (see Figure 3).

5.0 DIAMOND DRILLING

5.1 Drill Program

Boreholes are located on Figure 3, logs are in Appendix A, analytical results are in Appendix B and basic physical data is presented in Table I. The core is stored in a meadow depression on the GNOME claim about 1800 m north of the northwest corner of the EPI 2 claim.

TABLE I
SUMMARY OF DIAMOND DRILLING
EPI 1-4 AND K.G.D. CLAIMS

BOREHOLE NUMBER	COLLAR LOCATION	ELEVATION (m)	AZI-MUTH	INCLIN-ATION	DEPTH (m)	CLAIM
72486	2340S/670E	1068	343°	-50°	41	EPI 2
72487	2340S/669E	1068	343°	-50°	610.73	EPI 2
72488	2340S/669E	1068	280°	-50°	425.20	EPI 2
				Total	1076.93	

5.2 Drilling Results

Borehole 72486 is in the southern part of the claim group on the south side of Deadman Creek. It was designed to test zones of alteration in the Nicola mafic volcanics that are exposed along Deadman Creek and that lie within a large zone of anomalous arsenic-enriched soil. Structural controls of the alteration vary from schistosity to fractures to faults and consequently the borehole is directed into the general area of the showings to intersect features that have a westerly direction. The hole was abandoned at depth because of drilling problems encountered within the relatively unconsolidated Miocene volcanic conglomerate and sandstone.

Borehole 72487 was collared 1 m west of Borehole 72486 and was designed to replace it. The top 104 m was HQ core drilled and the remainder of the hole was NQ core drilled using the HQ rods as a casing. Borehole 72487 cut through a 70 m true thickness of Miocene basalt and conglomerate and tested a sequence of Triassic Nicola mafic volcanic rocks. The latter are cut by two major fault zones: one zone trends 115 degrees and hosts a zone of carbonatization (zone C in earlier reports) and the other is a northerly trending (013 degrees) zone. Both zones were intersected by the borehole but no mineralization is associated with either. The northerly trending zone is represented by two splays from 216 m to 235 m (steeply east dipping) and from 277 to 289 (vertical). Fault breccia with intense clay and calcite alteration characterize this zone. Zone C is slightly different and is represented by clay, calcite and pyrite alteration from 457 m to 510 m. Oxidation of the pyrite is probably responsible for the gossan coincident with Zone C at surface. Below Zone C fault zone, two narrow zones of faulting are intense enough to have formed chlorite, calcite, epidote, pyrite, sericite schist.

Several chalcedonic quartz veins and vein breccias up to 6 cm thick occur in the first 100 m of Nicola on the east side of the northerly trending zone at 120 m, 128 m, 158 m, 160 m, and 173 m. They are similar in appearance to chalcedonic quartz vein breccia that outcrops in Nicola volcanics immediately below the cliff edge of Miocene basalt. Other quartz vein mineralization includes a vein on the west side of the northerly trending fault zone at 300 m depth that consists of silicified and carbonatized lapilli tuff host rock cut by white quartz calcite
veins. The host rock/vein relationship is similar to a pod of quartz and calcite outcropping on the north side of Deadman Creek atop the carbonatized zone "A".

No significant mineralization was encountered; the highest gold value is 0.1 ppm Au over 2.91 m of Nicola feldspar porphyritic basalt cut by 5% quartz - calcite veining and a calcite - matrix fault breccia (Sample FX 483057).

Borehole 72488 was designed to test below a sequence of Nicola volcanic rocks that are locally brecciated, pervasively clay altered and limonitic. The borehole undercuts an area where channel sampling by M. Dickens (Dickens, 1987) returned 127 ppm As and 125 ppb Au over 10 m. Below the Miocene basalt and conglomerate, 344 m of Nicola volcanic rocks were encountered.

The Nicola is here cut by two fault zones and one fault. The northerly trending fault zone was intersected immediately below the Miocene from 84 m to 116 m. It is intensely oxidized fault breccia with pervasive clay alteration accompanied locally by minor chalcedonic quartz veining and silicification. At 270 m downhole, a narrow 1.5 m fault probably correlates at surface with a narrow hillside gully trending 270 degrees. At the bottom of the borehole, three zones of faulting from 392 m to 425 m probably correlate with a major fault along the creek trending 040 degrees. The latter trend is parallel to shear fractures well delineated on the GNOME claim to the north. The fault zone along the creek consists of fault breccia with clay - chlorite alteration and minor lensy concordant quartz carbonate veining.

Vein mineralization occurs at three sites along the borehole: at 185 m, 283 m and in a zone from 350 m to 371 m. The uppermost site consists of two white quartz - pyrite - calcite veins 25 and 30 cm thick. Footwall to the veins is carbonatized and below that, schistose and possibly a fault zone. A quartz carbonate pyrite vein breccia cuts carbonatized mafic lapilli tuff at 283 m. The lowermost zone consists of five quartz - calcite veins and vein breccias that are locally multistage, vuggy, banded and associated with minor faulting. Vein inclinations are probably near vertical and parallel to the fault zone along the creek.

No significant gold values are associated with the vein mineralization, all were less than 40 ppb Au. The highest gold value from this borehole is 338 ppb Au over 2.8 m of chlorite - clay altered Nicola lapilli tuff (Sample FX 483290) from the fault zone along the creek.

6.0 CONCLUSIONS

The diamond drilling program on the EPI #2 claim cut a thick sequence of variably altered volcanic rocks of the Triassic Nicola Croup. No significant gold mineralization was encountered.

7.0 REFERENCES

Campbell, R.B., Tipper, H.W., 1971. Geology of the Bonaparte Lake Map-Area, B.C., G.S.C. Memoir 363.

Cockfield, W.E., 1935. Lode Gold Deposits in the Fairview Camp, Camp McKinney and Vidette Lake Area, and the Divident-Lakeview Property near Osoyoos, B.C., G.S.C. Memoir 179.

Dickens, M., 1987. Prospecting report for the EPI 2, 3, 4 mineral claims, Clinton Mining Division, B.C.; B.C.M.E.M.P.R. Assessment Report #16286.

Gruenwald, W., 1980. Geochemical report on the VIDETTE #1 claim, Lots 474, 4748, 4751, 4764, 4766, Clinton Mining Division, B.C.; Unpublished report for Kerr, Dawson & Associates Ltd., B.C.M.E.M.P.R. assessment report #8955.

Morin, J.A., 1988. Geological and geochemical report on the EPI claim group, Clinton Mining Division, B.C.; Unpublished report for Canadian Nickel Company Limited, B.C.M.E.M.P.R. assessment report.

Morin, J.A., 1989. Geological, geochemical and drilling report on the GNOME claim, Clinton Mining Division; Unpublished report for Canadian Nickel Company Limited, B.C.M.E.M.P.R. assessment report.

8.0 STATEMENT OF EXPENDITURES - 1989

EPI 1-4 AND K.G.D. MINERAL CLAIMS

Drilling (Beaupre Diamond Drilling Ltd.) 3 holes: 72486, 72487 and 72488 totalling 1076.93 m	$79,220.32
Assays (Acme Analytical - ICP, Au) 376 samples @ $16.75	6,298.00
Field Personnel Salaries Project Geologist: J.A. Morin June 18-July 9, 1989 22 days @ $280	6,160.00
Total	$91,678.32
Total claimed as per statement of work	$86,115.00

9.0 AUTHOR'S QUALIFICATIONS

I, James A. Morin, of the City of Vancouver, in the Province of British Columbia, HEREBY CERTIFY:

1. THAT I reside at 202-1665 Nelson Street, Vancouver, British Columbia, V6G 1M3

2. THAT I am a graduate of the University of Manitoba, Winnipeg, Manitoba with degrees of Honours Bachelor of Science (1969) and Master of Science (1970) and of the University of Saskatchewan, Saskatoon, Saskatchewan with the degree of Doctor of Philosophy (1979).

3. THAT I am a Project Geologist, B.C. and Yukon, with Canadian Nickel Company Limited with offices at 512-808 Nelson Street, Vancouver, B.C., V6Z 2H2.

4. THAT I have practised my profession as a geologist since 1969, having worked in Ontario, Northwest Territories, Yukon Territory and British Columbia.

5. THAT I visited the property and that the work described in this report was carried out under my supervision or by me on behalf of Canadian Nickel Company Limited.

6. THAT I am a member of the Geological Association of Canada, a member of the Canadian Institute of Mining and Metallurgy, a member of the Society of Economic Geologists and a registered Professional Engineer with the Association of Professional Engineers of Yukon Territory.

DATED at Vancouver, British Columbia, this 25th day of September, 1989.

J.A. Morin

APPENDIX A

Borehole Logs

** INCO **
DRILL LOG

BOREHOLE :72486-0 PRINT DATE :18-AUG-1989 10:33

PROJECT	: Epi- Gnome						
Latitude	: 2340.00S	Departure	: 670.00E	Elevation	: 1068.00m	Hole length	: 41.57m
NTS/Quad	: 92P-2W	Logged by	: J.A. Morin	Assay req.	: Acme Analytical - ICP &	Level	: Surface
Country	: Canada	Drilled by	: Beaupre Diamond Drilling	Test Method	: Acid etch tube	Grid name	:
Prov./state	: B.C.	Drill type	: Longyear 38	Started	: 10 JUNE, 1989	BL azimuth	: 358.5 degrees
Twp/County	:	Core size	: NQWL	Completed	: 12 JUNE, 1989	BH bearing	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	343.00	-50.00									

COMMENTS : LEFT IN HOLE Nothing left in hole
Measured 670 m E from baseline
Abandoned; casing bent at 12m and rods d
eflected

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
0.00	1.63	CASING										
			0.00	1.63	1.63	NS						-
1.63	14.00	BASALT										
		Miocene basalt lava flow, fine to medium grained massive, abundant broken core	1.63	14.00	12.37	NS						-
	4.27	9.00 Oxidized flow top of basalt lava flow										
	9.00	14.00 Massive basalt										
14.00	16.00	SHALE										
		Black fissile shale between lava flows	14.00	16.00	2.00	NS						-
16.00	38.50	BASALT										
		Typical Miocene basalt as above	16.00	38.50	22.50	NS						-

** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	XMIN
16.00	25.50	As above, massive lava flow, amygdaloidal										
25.50	33.50	Flow top breccia, oxidized										
33.50	36.00	Massive basalt										
36.00	38.50	Flow breccia										
38.50	41.57	CONGLOMERATE										
38.50	41.57	Sandstone and pebble conglomerate of Deadman river formation, no return of water during drilling and no recovered core, FOOT OF HOLE AT 41.57 METERS. This hole was collared in the Miocene Plateau Basalt, went through it and was stopped in the clastics of the Deadman River Formation. The target Triassic Nicola Group basement was not reached and accordingly no drill core samples were taken.	38.50	41.57	3.07	NS						-

** INCO **
DRILL LOG

BOREHOLE	:72487-0					PRINT DATE	:18-AUG-1989 10:33
PROJECT	: Epi- Gnome						
Latitude	: 2340.00S	Departure	: 669.00E	Elevation	: 1068.00m	Hole length	: 600.73m
NTS/Quad	: 92P-2W	Logged by	: J.A. Morin	Assay req.	: Acme Analytical - ICP &	Level	: Surface
Country	: Canada	Drilled by	: Beaupre Diamond Drilling	Test Method	: Acid etch tube	Grid name	:
Prov./state	: B.C.	Drill type	: Longyear 38	Started	: 13 JUNE, 1989	BL azimuth	: 358.5 degrees
Twp/County	:	Core size	: NQWL	Completed	: 27 JUNE, 1989	BH bearing	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	343.00	-50.00	62.79	-1.00	-48.50	123.74	-1.00	-48.00	184.70	-1.00	-47.50
245.35	-1.00	-46.00	306.31	-1.00	-47.00	367.27	-1.00	-47.00	428.22	-1.00	-46.50
489.18	-1.00	-47.50	550.14	-1.00	-44.50	598.90	-1.00	-42.50			

COMMENTS : **********
LEFT IN HOLE Nothing left in hole
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	XMIN
0.00	4.57	CASING										
			0.00	4.57	4.57	NS						-
4.57	39.00	BASALT										
		MIocene - Several basalt flows with scoriaceous flowtop breccias . Topmost flow bottoms at 15.5 m, next at 17.5 m, next at 25 m. Flowtop breccia of lowermost flow persists to 32.5 m and is underlain by massive , weakly scoriaceous basalt with basal breccia	4.57	39.00	34.43	NS						-
39.00	63.00	SANDSTONE										
		This is a chalky white	39.00	63.00	24.00	NS						-

** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		quartz-feldspar-rich ashy and tuffaceous ss of the Miocene Deadman River Formation. Clasts are up to 2 cm in size, but mainly a few mm. The clasts are coarser toward lower contact, there is no bedding and minor ash beds are interbedded.										
63.00	75.00	SILTSTONE										
		Pale drab grey tuffaceous siltstone, massive with no bedding.	63.00	75.00	12.00	NS						-
75.00	81.33	CONGLOMERATE										
		Miocene chaotic tuff matrix supported conglomerate, heterolithic and epiclastic	75.00	81.33	6.33	NS						-
81.33	86.40	CONGLOMERATE										
		Miocene volcanic conglomerate with intermediate to totally clay and chlorite altered clasts up to 4 centimetre, rounded, clast supported, maybe a lag type of conglomerate	81.33	83.31	1.98	FX 413895	0.006	0.100	45.0	353.	1.	-
			83.31	84.85	1.54	FX 413896	0.007	0.100	43.0	334.	1.	-
			84.85	86.40	1.55	FX 413897	0.006	0.100	23.0	18.	1.	-
		83.31 84.85 As above but clasts are generally smaller, clast population is about 30%, matrix is completely clay altered and rock is totally friable										
		84.85 86.40 As above, Comment - this zone of the last 2 intervals is totally friable and appears to be intensely hydrothermally altered, .The first order impression is that this is a fault but there appears to be a lack of movement-created slip planes and a lack of preferred orientation of clasts										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
86.40	86.65	CONGLOMERATE This is a basal conglomerate developed in the underlying Nicola with clasts of Nicola mafic volcanics in sandy green locally buff matrix, contains clasts of quartz vein also, and is probably the basal unit of the overlying Miocene.	86.40	86.65	0.25	FX 413898	0.002	0.100	10.0	29.	1.	-
86.65	94.67	REGOLITH Triassic Nicola volcanic rock is cut by calcite veins up to 1 centimetre thick, with broken rock material or maybe soil along some of the fractures, 3% veining Comment - this is an alteration of bedrock related to the Miocene paleosurface and extends down to about 94.06 meters	86.65	88.15	1.50	FX 413899	0.001	0.100	9.0	8.	1.	-
			88.15	89.65	1.50	FX 413900	0.004	0.100	10.0	45.	1.	-
			89.65	91.00	1.35	FX 413901	0.005	0.100	11.0	12.	1.	-
			91.00	92.50	1.50	FX 413902	0.004	0.100	5.0	19.	1.	-
			92.50	94.00	1.50	FX 413903	0.001	0.200	20.0	37.	1.	-
			94.00	94.67	0.67	FX 413904	0.008	0.100	13.0	10.	1.	-

88.15 89.65 As above, highly friable rock locally

89.65 91.00 As above, but relatively coherent, calcite veins up to 1 centimetre thick with varying angles to core axis, 4% veining

91.00 92.50 Moderately friable volcanic, cut by 1% calcite veining, local sand -filled fractures up to 5 centimetre thick

92.50 94.00 As above, cut by calcite veins up to 1 centimetre thick with angles to core axis varying from 45 to 90 degrees to core axis, 5% veining

94.00 94.67 As above, 2% veining intensity of alteration increases

** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		markedly at lower contact and .This is aa arbitrary place to stop the regolith and start unaltered bedrock at lower contact										
94.67	99.65	LAPILLI TUFF										
		This is the lptf of the	94.67	96.02	1.35	FX 413905	0.004	0.100	7.0	8.	1.	-
		Nicola, with chlorite fragments several	96.02	96.78	0.76	FX 413906	0.004	0.100	8.0	28.	1.	-
		millimetres up to a few centimetres	96.78	97.73	0.95	FX 413907	0.004	0.100	6.0	10.	1.	-
		long, equant to low degree of	97.73	98.79	1.06	FX 413908	0.002	0.200	6.0	24.	1.	-
		flattening, mixture of both lithic	98.79	99.65	0.86	FX 413909	0.003	0.100	4.0	20.	1.	-
		clasts and mafic phenocryst clasts, probably pyroxene originally										
		94.67 96.02 As above, cut by quartz calcite veining up to 1 centimetre thick, 2% veining										
		96.02 96.78 As above, 2% veining										
		96.78 97.73 As above, locally amygdular										
		97.73 98.79 As above but marked by gouge and rock flour matrix										
		Breccia at upper contact and lower contact, with a competent shear lens of lapilli tuff in the middle of the interval, 2% veining										
		98.79 99.65 Coherent lapilli tuff, as above, 2% quartz calcite veining										
99.65	100.95	FAULT										
		Totally friable gouge and rock flour fault breccia and clay altered in situ volcanic, cut by quartz calcite veins up to 6 millimetre thick, 3% veining, interval includes one 25 centimetre coherent shear lens	99.65	100.95	1.30	FX 413910	0.004	0.100	9.0	11.	1.	-
100.95	110.64	LAPILLI TUFF										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		Typical mafic lapilli tuff	100.95	101.99	1.04	FX 413911	0.006	0.200	16.0	70.	1.	-
100.95	101.99	As above, cut by quartz calcite veining up to 2 centimetre thick, with angle to core axis of 20 degrees, 9% veining	101.99	102.91	0.92	FX 413912	0.005	0.100	10.0	26.	1.	-
			102.91	104.24	1.33	FX 413913	0.006	0.200	18.0	14.	1.	-
			104.24	106.24	2.00	FX 413914	0.001	0.100	14.0	11.	1.	-
			106.24	108.20	1.96	FX 413915	0.003	0.200	18.0	9.	1.	-
101.99	102.91	As above with minor clay alteration at upper contact, locally amygdaloidal, cut by 2% quartz calcite veining up to 5 millimetre thick	108.20	110.64	2.44	FX 413916	0.009	0.100	17.0	30.	1.	-
102.91	104.24	As above cut by quartz calcite veining up to 1.5 centimetre thick and angle to core axis 20 degrees and conjugate 135 degrees, 4% veining .Comment - this is the end of the H-Q core and the rest of the hole is N-Q core										
104.24	106.24	Lapilli tuff as above, local foliation developed at lower contact at 60 to 90 degrees to core axis, cut by 2% quartz calcite veining up to 6 millimetre thick										
106.24	108.20	As above, with fault breccia and gouge at 106.90 to 107.10, 2% veining										
108.20	110.64	As above, 1% quartz calcite veining up to 3 millimetre thick										
110.64	111.65	FAULT										
		Total clay altered with local gouge fault breccia, chlorite, local coherent shear lens, 1% quartz calcite veining	110.64	111.65	1.01	FX 413917	0.004	0.400	56.0	3.	1.	-
111.65	113.74	LAPILLI TUFF										
		Mafic lapilli tuff of the	111.65	113.74	2.09	FX 413918	0.002	0.100	26.0	13.	1.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		Nicola cut by quartz calcite veining up to 8 millimetre thick with angle to core axis of 50 degrees, 1% veining										
113.74	114.64	FAULT										
		Almost all clay and gouge and rock flour matrix fault breccia	113.74	114.64	0.90	FX 413919	0.008	0.100	81.0	7.	1.	-
114.64	120.13	LAPILLI TUFF										
		Typical mafic lapilli tuff of the Nicola	114.64	116.64	2.00	FX 413920	0.003	0.200	56.0	8.	1.	-
		114.64 116.64 Mafic tuff, dark brown green, cut by 1% quartz calcite veining up to 1 centimetre thick	116.64	118.22	1.58	FX 413921	0.001	0.200	10.0	5.	1.	-
		116.64 118.22 As above cut by 1% quartz calcite veining up to 4 millimetre thick	118.22	119.80	1.58	FX 413922	0.005	0.300	16.0	12.	1.	-
		118.22 119.80 As above 1% veining	119.80	120.13	0.33	FX 413923	0.005	0.200	60.0	6.	1.	-
		119.80 120.13 As above, but intensely clay altered, highly fractured and brecciated at lower contact, chlorite and limonite common along fractures, 1% quartz veining, vuggy .Comment - this is hanging wall alteration to quartz vein below										
120.13	120.49	QUARTZ VEIN										
		Quartz and chalcedonic quartz vein breccia with clasts of chalcedonic quartz veining material and lithic clasts that show minor clay alteration, matrix quartz is rose pink and also white, clast quartz is honey brown and pink, 90% vein material, some broken core and core pebbles, possibly some lost core	120.13	120.49	0.36	FX 413924	0.012	0.100	8.0	236.	21.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
120.49	120.72	FAULT										
		Clay, chlorite and rock flour gouge	120.49	120.72	0.23	FX 413925	0.005	0.300	71.0	7.	1.	-
120.72	122.68	LAPILLI TUFF										
		Typical mafic lapilli tuff of the Nicola.	120.72	121.44	0.72	FX 413926	0.004	0.300	21.0	8.	1.	-
			121.44	122.68	1.24	FX 413927	0.003	0.200	59.0	8.	1.	-
		120.72 121.44 Lapilli tuff that is bleached olive green and intensely clay altered, with 10 centimetre of gouge at lower contact										
		121.44 122.68 Mafic lapilli tuff, dark brownish green, cut by 1% quartz calcite veining										
122.68	124.25	FAULT										
		Abundant fault breccia and intensely brecciated lapilli tuff with clay, limonite and rock flour matrix in fault breccia	122.68	124.25	1.57	FX 413928	0.006	0.200	100.0	8.	1.	-
124.25	128.02	LAPILLI TUFF										
		Typical dark green lapilli tuff of the Nicola	124.25	126.30	2.05	FX 413929	0.006	0.200	8.0	6.	1.	-
			126.30	128.02	1.72	FX 413930	0.014	0.300	24.0	9.	1.	-
		124.25 126.30 As above, cut by banded chalcedonic quartz vein up to 1 centimetre thick with angle to core axis at 60 degrees, 1% veining										
		126.30 128.02 As above, 8 centimetre thick gouge limonitic zone at 127.64 metres with angle to core axis of 40 degree, 1% veining										
128.02	128.55	FAULT										
		Clay, chlorite and rock flour matrix fault breccia, total to completely friable, cut by 1% quartz	128.02	128.55	0.53	FX 413931	0.017	0.100	79.0	8.	1.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		calcite veining										
128.55	128.79	QUARTZ VEIN										
		Glued?? ? 6 centimetre thick quartz vein consisting of white quartz and chalcedonic colourless quartz, angle to core axis about 20 degrees, vein appears leached and vein is highly brecciated, 100% veining	128.55	128.79	0.24	FX 413932	0.007	0.100	18.0	12.	2.	-
128.79	129.54	LAPILLI TUFF										
		Typical mafic lapilli tuff of the Nicola, 15 centimetre of fault gouge breccia at upper contact, 4% quartz calcite veining, quartz is salmon pink	128.79	129.54	0.75	FX 413933	0.001	0.100	43.0	16.	1.	-
129.54	130.73	FAULT										
		Highly brecciated lapilli tuff and chlorite clay rock flour matrix fault breccia cut by 1 millimetre calcite veinlets, minor gypsum, 2% veining, abundant broken core	129.54	130.73	1.19	FX 413934	0.008	0.100	77.0	8.	1.	-
130.73	132.01	LAPILLI TUFF										
		Typical brown green clay altered mafic lapilli tuff, completely friable near lower contact, cut by 1% quartz calcite veining	130.73	132.01	1.28	FX 413935	0.003	0.100	77.0	9.	1.	-
132.01	132.28	FAULT										
		Lapilli tuff is completely clay altered and totally friable for the most part, cut by 2 centimetre thick chalcedonic quartz calcite vein at 45 degrees to core axis, footwall of vein is limonitic, 6% veining	132.01	132.28	0.27	FX 413936	0.008	0.100	95.0	26.	1.	-

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FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
132.28	138.46	LAPILLI TUFF										
		Typical mafic lapilli tuff of the Nicola varying between dark green relatively unaltered to brown green clay altered 132.28 133.33 Brown green lapilli tuff as above, cut by quartz veining up to 4 millimetre thick, 1% veining 133.33 135.33 Lapilli tuff as above, 2% quartz veining 135.33 136.50 As above, completely clay altered in upper 30 centimetre Near upper contact cut by 1% quartz veining 136.50 137.18 As above but cut by sinusoidal quartz calcite veining, up to 1 centimetre thick, with intermediate clay alteration in wall rock, 12% veining 137.18 138.46 Brown green clay altered lapilli tuff, cut by 2% chalcedonic quartz veining up to 5 millimetre thick	132.28	133.33	1.05	FX 413937	0.003	0.100	71.0	13.	1.	-
			133.33	135.33	2.00	FX 413938	0.001	0.100	14.0	17.	1.	-
			135.33	136.50	1.17	FX 413939	0.001	0.200	18.0	13.	1.	-
			136.50	137.18	0.68	FX 413940	0.001	0.100	81.0	14.	1.	-
			137.18	138.46	1.28	FX 413941	0.001	0.100	48.0	9.	1.	-
138.46	138.94	FAULT										
		All clay gouge and rock flour, completely friable, shows gradational change in colours of clay from border to center of the following: orange brown through to brown olive green to red maroon in center, cut by 1% calcite veining	138.46	138.94	0.48	FX 413942	0.007	0.100	141.0	18.	1.	-
138.94	143.64	LAPILLI TUFF										
		Typical mafic lapilli tuff of the Nicola	138.94	140.75	1.81	FX 413943	0.005	0.100	9.0	22.	1.	-
			140.75	142.56	1.81	FX 413944	0.001	0.100	35.0	38.	1.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
138.94	140.75	Dark green unaltered lapilli tuff cut by 1% quartz carbonate veining, brown green at upper contact	142.56	142.70	0.14	FX 413945	0.006	0.100	28.0	71.	1.	-
			142.70	143.64	0.94	FX 413946	0.006	0.100	16.0	8.	1.	-
140.75	142.56	As above										
142.56	142.70	As above cut by 2 centimetre thick quartz brown calcite vein with angle to core axis of 70 degrees, 18% veining, calcite is orange brown colour										
142.70	143.64	Lapilli tuff with swirly epidote alteration, cut by 5 millimetre thick quartz carbonate veins with angle to core axis of 10 degrees, 10% veining										
143.64	144.01	FAULT										
		Completely friable clay chlorite limonite and gouge cut by chalcedonic quartz vein with crude banding at 90 degrees to core axis, 3 centimetre thick, 8% veining	143.64	144.01	0.37	FX 413947	0.006	0.100	61.0	13.	1.	-
144.01	152.32	LAPILLI TUFF										
		Typical mafic lapilli tuff of the Nicola	144.01	146.08	2.07	FX 413948	0.002	0.100	5.0	19.	1.	-
			146.08	148.13	2.05	FX 413949	0.002	0.100	2.0	30.	1.	-
144.01	146.08	Medium green with patchy swirly epidote alteration, cut by 1% quartz veining up to 3 millimetre thick	148.13	149.04	0.91	FX 413950	0.001	0.100	4.0	11.	1.	-
			149.04	149.56	0.52	FX 413951	0.001	0.100	26.0	10.	1.	-
			149.56	150.96	1.40	FX 413952	0.001	0.100	2.0	18.	1.	-
146.08	148.13	As above	150.96	152.32	1.36	FX 413953	0.001	0.200	5.0	12.	1.	-
148.13	149.04	As above, cut by 1 centimetre thick quartz vein with angle to core axis of 20 degrees, 3% veining										
149.04	149.56	As above with epidote alteration common, cut by 2 veins 3 centimetre and 2 centimetre thick, salmon pink calcite and colourless chalcedonic quartz, calcite in core in										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		center of vein, angle to core axis of 50 degrees, 10% veining, 10 centimetre of fault gouge is associated with 1 vein										
		149.56 150.96 Lapilli tuff cut by quartz calcite veining up to 1 centimetre thick, 2% veining										
		150.96 152.32 As above										
152.32	153.19	FAULT										
		Intensely brecciated lapilli tuff mainly all gouge chlorite with minor limonite, calcite veining in matrix of breccia common, 8% calcite veining of matrix	152.32	153.19	0.87	FX 413954	0.010	0.200	88.0	8.	1.	-
153.19	154.09	LAPILLI TUFF										
		Typical lapilli tuff coherent shear lenses with some fault breccia at gouge in upper part of interval, 1% veining	153.19	154.09	0.90	FX 413955	0.013	0.500	50.0	10.	1.	-
154.09	154.70	FAULT										
		Lapilli tuff reduced to gouge, chlorite limonite and local fault breccia, completely friable	154.09	154.70	0.61	FX 413956	0.001	0.100	46.0	6.	1.	-
154.70	157.55	LAPILLI TUFF										
		Typical mafic lapilli tuff	154.70	155.19	0.49	FX 413957	0.001	0.100	2.0	7.	1.	-
		with epidote alteration, no veining	155.19	156.33	1.14	FX 413958	0.008	0.400	20.0	12.	1.	-
		155.19 156.33 Mafic lapilli tuff as above cut by several gouge zones, 1% quartz calcite veining, the rock is weakly calcareous	156.33	157.55	1.22	FX 413959	0.003	0.300	21.0	9.	1.	-
		156.33 157.55 As above, but weakly limonitic, minor local gouge, less than 1% veining										

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DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
157.55	159.23	QUARTZ VEIN										
		This is a vein more than 6 centimetre thick, parallel to core axis for length of interval vein cuts mainly gouge and completely clay altered lapilli tuff, vein itself is white to gray chalcedonic quartz that is brecciated and set within a brown yellow limonitic quartz vein, probably some sulfide components to the vein, 60% veining	157.55	159.23	1.68	FX 413960	0.004	0.100	52.0	24.	1.	-
159.23	160.46	FAULT										
		Zone of mafic lapilli tuff that is intensely to totally friable, totally clay altered, local zones of limonite alteration, no veining	159.23	160.46	1.23	FX 413961	0.006	0.100	60.0	9.	1.	-
160.46	160.62	QUARTZ VEIN										
		Vein 6 centimetre thick with angle to core axis of 40 degrees, minor crude banding at borders, mainly gray to pink chalcedonic quartz, borders of vein contain some calcite, 90% veining	160.46	160.62	0.16	FX 413962	0.013	0.200	38.0	139.	2.	-
160.62	172.80	BASALT										
		Typical pyroxene porphyry	160.62	162.76	2.14	FX 413963	0.003	0.100	9.0	16.	1.	-
		basalt of the Nicola, resembles the	162.76	163.33	0.57	FX 413964	0.001	0.100	21.0	6.	1.	-
		mafic lapilli tuff but has a high	163.33	165.28	1.95	FX 413965	0.001	0.200	2.0	18.	1.	-
		percentage 50% to 60% of euhedral mafic	165.28	167.30	2.02	FX 413966	0.001	0.300	7.0	146.	1.	-
		phenocrysts 2 millimetre up to 1	167.30	169.19	1.89	FX 413967	0.002	0.100	20.0	303.	1.	-
		centimetre, 1% quartz calcite veining	169.19	171.13	1.94	FX 413968	0.001	0.200	3.0	10.	1.	-
	162.76	163.33 As above but completely clay	171.13	171.38	0.25	FX 413969	0.001	0.100	6.0	20.	1.	-
		altered and local gouge and cut by	171.38	172.80	1.42	FX 413970	0.001	0.100	4.0	10.	1.	-
		chalcedonic quartz calcite vein up to 6 centimetre thick, wedge shape, lower										

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FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	XMIN
		contact at 45 degrees to core axis, 15% veining										
	163.33	165.28 Homogeneous coherent porphyritic basalt as above, less than 1% veining										
	165.28	167.30 As above										
	167.30	169.19 As above but weakly limonite and hematite altered throughout, some minor gouge at 169.04 metres, broken core common, local 1 millimetre limonite -cemented fault breccia parallel to core axis, no veining										
	169.19	171.13 Porphyritic basalt as above, coherent, 1 centimetre thick limonite fault breccia locally, also cut by calcite hematite veins up to 1 centimetre thick, 2% veining										
	171.13	171.38 As above cut by chalcedonic quartz vein with angle to core axis of 50 degrees, 2 centimetre thick, pale green gray to white chalcedonic quartz with hairline banding at borders, 15% veining										
	171.38	172.80 Porphyritic basalt as above, cut by patchy calcite vein up to 5 centimetre thick, 3% veining .Comment mafic phenocrysts have yellow green clay alteration in core locally										
172.80	173.14	QUARTZ VEIN Chalcedonic white and pale green gray and gray quartz calcite vein, 5 centimetre thick, with angle to core axis of 20 degrees cuts	172.80	173.14	0.34	FX 413971	0.001	0.100	16.0	38.	1.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	XMIN
		porphyritic basalt as above, chlorite alteration in wall rocks, 35% veining										
173.14	181.36	BASALT										
		Typical porphyritic basalt	173.14	175.14	2.00	FX 413972	0.004	0.100	5.0	17.	1.	-
		of the Nicola locally looks tuffaceous	175.14	177.14	2.00	FX 413973	0.001	0.100	7.0	21.	1.	-
		with chloritic fragments	177.14	179.14	2.00	FX 413974	0.019	1.000	17.0	18.	1.	-
		173.14 175.14 Massive porphyritic basalt,	179.14	181.13	1.99	FX 413975	0.001	0.100	2.0	14.	1.	-
		1% quartz calcite veining	181.13	181.36	0.23	FX 413976	0.001	0.100	13.0	9.	1.	-
		175.14 177.14 As above, phenocrysts less abundant and generally smaller in size, cut by quartz calcite veining up to 1 centimetre thick, 2% veining										
		177.14 179.14 As above, coherent, homogeneous, cut by 2% quartz calcite veining up to 5 millimetre thick										
		179.14 181.13 As above, 1% veining										
		181.13 181.36 As above cut by 2 centimetre thick quartz carbonate vein with chalcedonic quartz fragments set in white quartz calcite matrix, angle to core axis of 70 degrees, 10% veining, vein is weakly limonitic										
181.36	190.19	LAPILLI TUFF										
		Typical mafic lapilli tuff	181.36	182.35	0.99	FX 413977	0.002	0.100	14.0	20.	1.	-
		of the Nicola, crystal rich and with	182.35	182.62	0.27	FX 413978	0.001	0.200	41.0	12.	1.	-
		chloritic mafic fragments, commonly	182.62	184.69	2.07	FX 413979	0.001	0.100	7.0	12.	1.	-
		equant	184.69	184.96	0.27	FX 413980	0.001	0.100	11.0	18.	1.	-
		181.36 182.35 As above, cut by 1% quartz	184.96	186.53	1.57	FX 413981	0.006	0.100	5.0	14.	1.	-
		calcite veining	186.53	186.74	0.21	FX 413982	0.002	0.200	7.0	51.	1.	-
		182.35 182.62 As above cut by 2 centimetre	186.74	188.03	1.29	FX 413983	0.001	0.200	5.0	17.	1.	-
		thick quartz calcite vein, gray	188.03	188.33	0.30	FX 413984	0.002	0.100	18.0	149.	1.	-
		chalcedonic quartz fragments set in	188.33	189.08	0.75	FX 413985	0.004	0.100	4.0	14.	1.	-
		white limonitic quartz calcite vein,	189.08	189.26	0.18	FX 413986	0.002	0.100	20.0	43.	1.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		angle to core axis of 80 degrees, 10% veining, wall rock alteration is limonite clay and chlorite	189.26	190.19	0.93	FX 413987	0.002	0.200	11.0	22.	1.	-
		182.62 184.69 Mafic lapilli tuff as above cut by quartz calcite vein up to 1.5 centimetre thick, 2% veining										
		184.69 184.96 As above cut by quartz calcite vein weakly limonitic, 2.5 centimetre thick with angle of 50 degrees, 10% veining, some clay alteration in footwall										
		184.96 186.53 Lapilli tuff, crystal -rich, coherent, cut by 2 centimetre chalcedonic quartz vein with angle to core axis of 90 degrees, 1% veining, 10 centimetre clay alteration in foot wall of vein										
		186.53 186.74 As above cut by quartz calcite vein 1 centimetre thick with angle to core axis of 30 degrees, 10% veining										
		186.74 188.03 Mafic lapilli tuff as above, cut by 1% quartz calcite veining										
		188.03 188.33 As above cut by 2 quartz calcite veins, each with crude banding and some chalcedonic quartz, 50 degrees and 60 degrees angles to core axis, 14% veining, wall rocks alteration is clay and chlorite										
		188.33 189.08 As above cut by quartz calcite hematite veins up to 8 millimetre thick, coherent, 2% veining										
		189.08 189.26 As above cut by chalcedonic										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		quartz and calcite vein 2 centimetre thick, with angle to core axis of 60 degrees, 15% veining										
		189.26 190.19 As above, cut by quartz carbonate vein up to 1 centimetre thick, with local limonite and calcite, 4% veining										
190.19	190.65	FAULT										
		Gouge and completely clay altered lapilli tuff and fault breccia, cut by quartz carbonate veins to 3 centimetre thick, 8% veining	190.19	190.65	0.46	FX 413988	0.002	0.200	39.0	17.	1.	-
190.65	202.01	BASALT										
		Typical crystal -rich basalt, maybe local gradation to mafic lapilli tuff	190.65	191.98	1.33	FX 413989	0.004	0.100	6.0	19.	1.	-
			191.98	192.80	0.82	FX 413990	0.001	0.100	9.0	25.	1.	-
			192.80	194.94	2.14	FX 413991	0.003	0.200	9.0	12.	1.	-
		190.65 191.98 As above, homogeneous, coherent, cut by 2% quartz calcite veining	194.94	195.23	0.29	FX 413992	0.001	0.100	26.0	10.	1.	-
			195.23	197.16	1.93	FX 413993	0.002	0.100	4.0	24.	1.	-
			197.16	199.32	2.16	FX 413994	0.001	0.100	4.0	16.	1.	-
		191.98 192.80 As above, cut by quartz calcite veining up to 2.5 centimetre thick, veining is limonitic in places, and crudely banded with angle to core axis of 60 degrees and 45 degrees, 10% veining	199.32	201.25	1.93	FX 413995	0.002	0.300	2.0	75.	1.	-
			201.25	201.51	0.26	FX 413996	0.001	0.200	49.0	11.	1.	-
			201.51	202.01	0.50	FX 413997	0.002	0.100	6.0	19.	1.	-
		192.80 194.84 Mafic crystal lapilli tuff as above, cut by 1% quartz carbonate veining up to 5 millimetre thick										
		194.94 195.23 As above cut by calcite veins up to 3 centimetre thick with minor quartz, well developed chlorite alteration in wall rocks at angle 70 degrees to core axis, 20% veining										

FROM	TO	DESCRIPTION	FROM	TO	LENGTH	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		195.23 197.16 Mafic lapilli tuff, crystal rich but definite clasts, cut by quartz calcite veining up to 6 millimetre thick, 1% veining, patchy epidote alteration common										
		197.16 199.32 Homogeneous mafic lapilli tuff as above, 1% quartz calcite veining, zoned mafic phenocrysts										
		199.32 201.25 Mafic lapilli tuff with both feldspar and mafic mineral phenocrysts, and chloritic clasts, cut by quartz calcite veining up to 1.5 centimetre thick with angle to core axis of 50 degrees, 2% veining										
		201.25 201.57 As above cut by limonitic quartz calcite vein with extensive clay and chlorite wall rock alteration, vein is 1 centimetre thick, limonite and at 90 degrees to core axis, 4% veining										
		201.57 202.01 Mafic lapilli tuff, with zoned mafic phenocrysts, cut by 2% calcite veining up to 3 millimetre thick										
202.01	202.21	FAULT										
		Lapilli tuff altered to fault breccia with clay gouge and chlorite matrix, cut by massive white calcite vein 4 centimetre thick with angle to core axis of 45 degrees at lower contact, 30% veining	202.01	202.21	0.20	FX 413998	0.002	0.300	12.0	16.	1.	-
202.21	209.79	LAPILLI TUFF										
		Typical crystal -rich	202.21	203.60	1.39	FX 413999	0.003	0.200	6.0	25.	1.	-
		lapilli tuff	203.60	204.37	0.77	FX 414000	0.002	0.300	7.0	24.	1.	-

FROM	TO	DESCRIPTION	FROM	TO	LENGTH	SAMPLE#	AU	AG	AS	BA	MO	%MIN
m	m		m	m	m		PPM	PPM	PPM	PPM	PPM	
202.21	203.60	As above cut by quartz calcite veining up to 2 centimetre thick with angle to core axis of 70 degrees, 2% veining	204.37	205.98	1.61	FX 483001	0.005	0.200	2.0	31.	1.	-
			205.98	206.31	0.33	FX 483002	0.001	0.200	11.0	20.	1.	-
			206.31	207.80	1.49	FX 483003	0.003	0.100	2.0	51.	1.	-
			207.80	209.48	1.68	FX 483004	0.004	0.100	4.0	45.	1.	-
203.60	204.37	As above cut by quartz calcite veining up to 5 centimetre thick with angle to core axis of 45 degrees and crude banding, 10% veining	209.48	209.79	0.31	FX 483005	0.004	0.100	15.0	417.	1.	-
204.37	205.98	Typical mafic lapilli tuff as above, 1% veining										
205.98	206.31	As above cut by limonitic quartz carbonate vein 4 centimetre thick, with angle to 80 degrees, 12% veining, and lapilli tuff continues to be epidotic										
206.31	207.80	Mafic lapilli tuff as above, 1% veining										
207.80	209.48	As above, abundant epidote replacement of matrix, cut by patchy quartz calcite vein up to 3 centimetre thick, sub parallel to core axis, 2% veining										
209.48	209.79	Lapilli tuff as above cut by 5 centimetre thick calcite vein with minor quartz at 45 degrees to core axis, 60% veining, also vein is weakly limonitic										
209.79	215.67	LAPILLI TUFF										
		Mafic lapilli tuff, commonly mafic crystal rich	209.79	211.84	2.05	FX 483006	0.003	0.300	2.0	25.	1.	-
			211.84	212.83	0.99	FX 483007	0.003	0.100	8.0	63.	1.	-
209.79	211.84	Mafic lapilli tuff as above cut by quartz carbonate veins up to 2 centimetre thick with angles to core	212.83	215.67	2.84	FX 483008	0.002	0.100	4.0	29.	1.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		axis of 45 degrees and 50 degrees, 3% veining										
		211.84 212.83 As above cut by quartz carbonate vein up to 2 centimetre thick with angle to core axis of 30 degrees, 4% veining										
		212.83 215.67 Relatively coherent epidotitic mafic lapilli tuff cut by 32 centimetre thick zones of hematitized fault gouge with local veining of quartz calcite and rock flour with some brecciation, veining at 30 degrees to core axis, 3% veining										
215.67	219.66	FAULT										
		215.67 217.93 Fault as above with fault breccia locally to completely altered to clay, gouge and rock flour matrix, top 80 centimetre is oxidized, locally fault breccia is healed with silicified rock flour matrix, 2% veining	215.67	217.93	2.26	FX 483009	0.010	0.100	48.0	18.	1.	-
			217.93	219.66	1.73	FX 483010	0.004	0.100	169.0	17.	1.	-
		217.93 219.66 Totally friable intense to total clay altered mafic lapilli tuff										
219.66	220.98	LAPILLI TUFF										
		Relatively coherent lapilli tuff cut by 2 gouge zones 10 and 20 centimetre thick, also cut by calcite vein up to 1 centimetre thick, 1% veining	219.66	220.98	1.32	FX 483011	0.004	0.100	21.0	12.	1.	-
220.98	221.98	FAULT										
		Fault breccia with clay chlorite and rock flour matrix, totally friable, 1% calcite veining	220.98	221.98	1.00	FX 483012	0.005	0.100	9.0	11.	1.	-
221.98	223.23	LAPILLI TUFF										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		Typical lapilli tuff, in lower half of interval there is a quartz carbonate vein up to 2 centimetre thick sub parallel to core axis, local 1 centimetre thick chalcedonic quartz and jasperoid veining, 8% veining	221.98	223.23	1.25	FX 483013	0.003	0.100	23.0	11.	1.	-
223.23	235.05	FAULT										
		Mix of fault breccia with local zones of clay gouge, local fault breccias healed with calcite and rock flour matrix	223.23	225.76	2.53	FX 483014	0.008	0.100	196.0	10.	1.	-
			225.76	228.02	2.26	FX 483015	0.008	0.100	24.0	6.	1.	-
			228.02	230.57	2.55	FX 483016	0.004	0.100	25.0	10.	1.	-
			230.57	233.17	2.60	FX 483017	0.006	0.100	16.0	8.	1.	-
			233.17	235.05	1.88	FX 483018	0.003	0.100	14.0	3.	1.	-
		223.23 225.76 Friable clay and chlorite altered mafic lapilli tuff, local intensely fractured and cut by zones of calcite matrix fault breccias, friable nature suggests that this rock is faulted, 2% veining										
		225.76 228.02 Mainly calcareous Nicola locally highly sheared, brecciated, cut by calcite matrix breccias, and cut by calcite quartz vein up to 3 centimetre thick with angle to core axis of 30 degrees, 3% veining										
		228.02 230.57 Completely friable mafic lapilli tuff, totally clay altered, calcite veining up to 2 centimetre thick, locally intensely brecciated, 2% veining										
		230.57 233.17 As above, but with more calcite matrix fault breccia, 7% veining, half of interval is chlorite clay gouge rock flour matrix fault										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		breccia										
		233.17 235.05 As above, with 15% calcite veining as matrix in fault breccias, fault foliations at 45 degrees to core axis										
235.05	263.22	LAPILLI TUFF										
		Typical mafic lapilli tuff of the Nicola	235.05	237.34	2.29	FX 483019	0.005	0.100	14.0	8.	1.	-
			237.34	239.89	2.55	FX 483020	0.005	0.100	120.0	5.	1.	-
		235.05 237.34 As above, cut by calcite and orange rock flour veining up to 1 centimetre thick with chalcedonic gray quartz, angles to core axis of 10 degrees, 3% veining	239.89	240.45	0.56	FX 483021	0.008	0.100	8.0	11.	1.	-
			240.45	243.32	2.87	FX 483022	0.008	0.100	10.0	22.	1.	-
			243.32	246.31	2.99	FX 483023	0.005	0.100	11.0	13.	1.	-
			246.31	248.94	2.63	FX 483024	0.013	0.100	98.0	8.	1.	-
			248.94	251.77	2.83	FX 483025	0.003	0.100	11.0	10.	1.	-
		237.34 239.89 As above, relatively coherent, cut by quartz carbonate veining up to 2 centimetre thick, at upper contact some lenses up to 3 centimetre long of massive pyrite, 1% pyrite, 3% veining	251.77	254.74	2.97	FX 483026	0.004	0.100	69.0	8.	1.	-
			254.74	257.56	2.82	FX 483027	0.006	0.100	42.0	7.	1.	-
			257.56	260.45	2.89	FX 483028	0.006	0.100	7.0	16.	1.	-
			260.45	263.22	2.77	FX 483029	0.005	0.100	17.0	7.	1.	-
		239.89 240.45 As above but locally silicified and veined by gray chalcedonic quartz with minor very fine grained pyrite, 10% veining, vein is swirly and almost replacement type										
		240.45 243.32 As above, with abundant euhedral and zoned mafic phenocrysts now altered to chlorite, cut by calcite veining up to 1 centimetre thick, 3% veining, coherent										
		243.32 246.31 As above, 2% veining										
		246.31 248.94 As above cut by quartz calcite veining up to 2 centimetre thick with angle to core axis of 35										

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

degrees and 70 degrees, minor local silicification and lensy pyrite alteration, 5% veining, less than 1% pyrite

248.94 251.77 As above with patchy swirly siliceous silica- pyrite alteration up to several centimetre across consist of gray chalcedonic quartz that replaces matrix of lapilli tuff, with associated very fine grained dusty pyrite, cut by quartz calcite veining locally crudely banded up to 2 centimetre thick, with angle to core axis of 30 degrees, 1% pyrite, 2% veining

251.77 254.74 As above, with patchy amoeboid silica- pyrite replacement of matrix, 20% of interval is replaced, cut by quartz calcite veining up to 1 centimetre thick, with angle to core axis of 30 degrees, 2% veining, 2% pyrite, fault breccia at lower contact, fault foliation at 45 degrees to core axis

254.74 257.56 As above, with less silica pyrite alteration; cut by 3% quartz calcite veining up to 1 centimetre thick with 30 centimetre fault breccia and gouge at 256 metres, 1% pyrite

257.56 260.45 As above, relatively coherent, with minor 5% patchy silica pyrite alteration, cut by quartz carbonate veining up to 2 centimetre thick, 2% veining

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
	260.45	263.22 As above, abundant broken core in upper half of interval cut by patchy quartz calcite veining, less than 5% patchy silica- pyrite alteration, 4% veining, fault can be run through the upper part of interval										
263.22	268.93	BASALT										
		Massive porphyritic basalt with euhedral pyroxene now altered to chlorite phenocrysts, local patchy amoeboid silica- pyrite replacement, 10% replacement, cut by quartz calcite veins 1%	263.22	266.13	2.91	FX 483030	0.006	0.100	16.0	14.	1.	-
			266.13	268.93	2.80	FX 483031	0.005	0.200	11.0	18.	1.	-
	268.93	Porphyritic basalt as above, epidote -rich matrix, cut by quartz calcite veins up to 2 centimetre thick with angle to core axis of 45 degrees and 90 degrees, highly sheared with some gouge near lower contact, no silica- pyrite alteration .Comment- the silica- pyrite alteration in intervals above have locally been found to be symmetrical to a fracture infilled with quartz and calcite and probably the silica- pyrite alteration is a gas desulphidation phenomena on either side of an open fracture that is later infilled with quartz and calcite										
268.93	277.35	LAPILLI TUFF										
		Mafic lapilli tuff	268.93	270.87	1.94	FX 483032	0.003	0.100	8.0	23.	1.	-
	270.87	Typical mafic lapilli tuff with euhedral mafic phenocrysts now altered to chlorite, and wispy lensoid	270.87	271.57	0.70	FX 483033	0.003	0.100	38.0	6.	3.	-
			271.57	274.76	3.19	FX 483034	0.006	0.100	18.0	14.	1.	-
			274.76	277.35	2.59	FX 483035	0.006	0.100	6.0	13.	1.	-

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FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		chlorite fragments several millimetre up to 1 centimetre long, cut by quartz carbonate veining up to 1 centimetre thick, patchy irregular, 1% veining, foliation of tuff is at 60 degrees to core axis										
		270.87 271.57 As above cut by quartz carbonate vein 12 centimetre thick with angle to core axis of 60 degrees and epidote veining in immediate wall rocks and also as patchy ribbons within vein, clay and chlorite altered footwall, 15% veining										
		271.57 274.76 Typical crystal rich lapilli tuff cut by quartz carbonate veining up to 1 centimetre thick, 2% veining, coherent										
		274.76 277.35 Mafic lapilli tuff, coherent with 2% patchy silica pyrite alteration cut by 1% quartz carbonate veining										
277.35	282.19	FAULT										
		277.35 280.35 Fault breccia after mafic lapilli tuff, with abundant broken up rock gouge and clay matrix, patchy lenses of white calcite up to 2 centimetre thick common, 3% veining	277.35	280.35	3.00	FX 483036	0.002	0.100	10.0	9.	1.	-
			280.35	282.19	1.84	FX 483037	0.003	0.100	19.0	10.	1.	-
		280.35 282.19 Fault as above, made up of fault breccia as above with several shear lenses of coherent lapilli tuff, cut by calcite veins up to 2 centimetre thick, local angle to core axis of 40 degrees, 5% veining										
282.19	285.76	LAPILLI TUFF										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
282.19	283.98	Mafic lapilli tuff, with pale green gray, cut by quartz carbonate veins up to 10 centimetre thick with angle to core axis of 40 degrees, locally vuggy near thick vein with vugs infilled with gypsum and or clay, 8% veining	282.19	283.98	1.79	FX 483038	0.004	0.100	13.0	139.	1.	-
			283.98	285.76	1.78	FX 483039	0.004	0.100	13.0	11.	1.	-
283.98	285.76	As above, coherent cut by quartz calcite veining up to 1 centimetre thick, 2% veining this interval is more tuff than lapilli tuff										
285.76	288.68	FAULT A sequence of competent shear lenses interrupted by zones of friable completely clay altered mafic lapilli tuff, coherent rock cut by quartz carbonate veining up to 1 centimetre thick	285.76	288.68	2.92	FX 483040	0.002	0.100	12.0	12.	1.	-
288.68	299.76	TUFF Typical mafic tuff	288.68	290.17	1.49	FX 483041	0.004	0.100	7.0	4.	1.	-
288.68	290.17	Mafic tuff cut by quartz calcite veining, more than 8 centimetre thick and sub parallel to core axis, the veining is patchy with mainly calcite and about 2% quartz, brecciation at vein margin, 45% vein material	290.17	293.17	3.00	FX 483042	0.003	0.100	6.0	37.	1.	-
			293.17	295.05	1.88	FX 483043	0.008	0.300	13.0	12.	1.	-
			295.05	295.74	0.69	FX 483044	0.001	0.200	12.0	258.	1.	-
			295.74	298.64	2.90	FX 483045	0.004	0.100	10.0	24.	1.	-
			298.64	299.76	1.12	FX 483046	0.002	0.100	18.0	163.	1.	-
290.17	293.17	Tuff as above, locally sheared with angle to core axis of 45 degrees, cut by quartz calcite veining up to 5 millimetre thick, 2% veining										
293.17	295.05	Tuff as above, with clasts generally in the 1 millimetre to 3										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		millimetre size, minor mafic crystal clasts, cut by calcite veining up to 1.5 centimetre thick with swirly shapes, 4% veining										
		295.05 295.74 As above cut by quartz calcite veining up to more than 3 centimetre thick and sub parallel to core axis, minor brecciation at vein borders, 30% veining										
		295.74 298.64 Tuff as above cut by 2% calcite veining up to 1 centimetre thick										
		298.64 299.76 As above, cut by 2% quartz calcite veining up to 1 centimetre thick, getting slightly more coarser clastic										
299.76	301.38	QUARTZ VEIN This zone consists of silicified and carbonate replaced lapilli tuff, with, some white and gray chalcedonic quartz veining and wall rocks are common as septum and also as clasts that are clay altered, minor pyrite associated with the silicification, ;parts of this resemble a zone in which the matrix is replaced by quartz and carbonate but the clasts remain, 80% vein and or replacement material .Comment the white quartz calcite veins cut the earlier gray silicified material This might relate to the white quartz vein pod in zone A north of Deadman Creek, where white	299.76	301.38	1.62	FX 483047	0.007	0.100	39.0	33.	1.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		quartz veins in a stringer zone cut a carbonatized zone, minor vugs probably due to replacement are present in this interval, upper contact at 299.76 metres is at 45 degrees to core axis, central white quartz carbonate vein is at angle of 150 degrees to core axis and banding further down in vein near lower contact is at 45 degrees to core axis . the exact attitude of this zone with respect to the host rocks is uncertain but generally there appears to be some concordance between the upper contact and lower contact at 45 degrees to core axis										
301.38	333.76	LAPILLI TUFF										
		Typical porphyritic basalt	301.38	304.42	3.04	FX 483048	0.002	0.100	25.0	143.	1.	-
		301.38 304.42 As above cut by quartz carbonate veins up to 4 centimetre thick with angle to core axis of 25 degrees and 135 degrees, minor local vugs up to 3 centimetre long associated with veins in fractures, 4% veining, lapilli tuff is weakly clay altered	304.42	307.28	2.86	FX 483049	0.008	0.100	12.0	64.	1.	-
			307.28	310.07	2.79	FX 483050	0.004	0.300	9.0	93.	1.	-
			310.07	313.07	3.00	FX 483051	0.008	0.200	15.0	15.	1.	-
			313.07	316.07	3.00	FX 483052	0.005	0.200	7.0	14.	1.	-
			316.07	319.02	2.95	FX 483053	0.011	0.100	10.0	43.	1.	-
			319.02	322.00	2.98	FX 483054	0.003	0.100	8.0	48.	1.	-
			322.00	325.00	3.00	FX 483055	0.002	0.100	7.0	28.	1.	-
		304.42 307.28 Mafic lapilli tuff as above, bleached pale green, cut by 2% patchy calcite veining up to 1 centimetre thick, 30 centimetre near lower contact is moderately to intensely silicified and 20 centimetre of gouge and broken rock at lower contact	325.00	327.90	2.90	FX 483056	0.023	0.100	14.0	23.	1.	-
			327.90	330.81	2.91	FX 483057	0.109	0.200	14.0	18.	1.	-
			330.81	333.76	2.95	FX 483058	0.004	0.100	13.0	60.	1.	-
		307.28 310.07 As above with moderate hematite replacement in upper part of										

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

interval and abundant epidote
replacement throughout, cut by quartz
calcite veining up to 2 centimetre
thick with angle to core axis of 45
degrees, 2% veining, mottled textures
due to overlapping alteration
.Comment- epidote alteration is common
310.07 313.07 As above but with 30% fault
breccia with gouge and limonite,
coherent rock is epidote altered
pervasively, cut by quartz calcite
veins with minor pyrite and rare
chalcopyrite, up to 2 centimetre thick
with angle to core axis of 70 degrees
and 90 degrees and 5 degrees, 2%
veining
313.07 316.07 As above with pervasive
epidote replacement, cut by patchy
quartz calcite veins 1%, coherent .
Comment- the distinction between
crystal lapilli tuff and porphyritic
flow is a bit dubious in places.
316.07 319.02 As above, epidotized
porphyritic basalt, with local shear
foliation at 60 degrees to core axis,
otherwise relatively massive, coherent,
cut by 1% quartz calcite veining up to
1 centimetre thick
319.02 322.00 Porphyritic basalt as above,
1% veining, pervasive epidote
replacement matrix
322.00 325.00 As above, 1% quartz
carbonate veining

FROM	TO	DESCRIPTION	FROM	TO	LENGTH	SAMPLE#	AU	AG	AS	BA	MO	%MIN
m	m		m	m	m		PPM	PPM	PPM	PPM	PPM	
		325.00 327.90 As above but cut by quartz carbonate veins 3 centimetre thick with angle to core axis of 30 degrees, broken core common in lowest meter, 6% veining, chlorite ribbons common in veins, locally patchy diffuse pyrite replacement 2 centimetre away from wall rocks from veins										
		327.90 330.81 As above cut by irregular quartz calcite veins up to 2 centimetre thick with variable angle, mainly 30 degrees to sub parallel to core axis, 5% veining, local patchy weak silicification with dusty pyrite, broken core common and at lower contact calcite matrix fault breccia for 30 centimetre										
		330.81 333.76 As above, but more coherent and cut by less than 1% quartz calcite veining, weak silica- pyrite alteration present throughout as patchy diffuse replacement										
333.76	365.11	LAPILLI TUFF										
		Typical mafic lapilli tuff of the Nicola that gradationally changes to porphyritic basalt, mafic phenocrysts common as are chloritic wispy clasts and equant lithic clasts as above, green, cut by quartz calcite vein up to 4 centimetre thick with angle to core axis of 45 degrees, 3% veining	333.76	336.80	3.04	FX 483059	0.001	0.100	13.0	34.	1.	-
			336.80	339.85	3.05	FX 483060	0.004	0.100	13.0	38.	1.	-
			339.85	342.90	3.05	FX 483061	0.002	0.100	3.0	104.	1.	-
			342.90	345.95	3.05	FX 483062	0.003	0.200	11.0	65.	1.	-
			345.95	349.00	3.05	FX 483063	0.003	0.100	11.0	44.	1.	-
			349.00	352.00	3.00	FX 483064	0.004	0.200	12.0	43.	1.	-
			352.00	355.09	3.09	FX 483065	0.004	0.100	12.0	42.	1.	-
			355.09	358.70	3.61	FX 483066	0.001	0.100	9.0	46.	1.	-
			358.70	359.02	0.32	FX 483067	0.009	0.200	21.0	123.	1.	-
		336.85 339.85 As above, coherent, with	359.02	361.88	2.86	FX 483068	0.002	0.100	35.0	44.	1.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		recognizeable clasts, cut by 5 centimetre thick quartz calcite vein with angle to core axis of 45 degrees, 2% veining, minor silica- pyrite alteration, especially in wall rocks adjacent to quartz calcite vein as above, coherent cut by 1% quartz carbonate veining up to 1.5 centimetre thick with angle to core axis of 30 degrees	361.88	365.11	3.23	FX 483069	0.003	0.100	30.0	31.	1.	-
		342.90 345.95 As above cut by 1% quartz calcite veining up to 1 centimetre thick										
		345.95 349.00 As above cut by less than 1% quartz carbonate veining, coherent massive										
		349.00 352.00 As above, good clastic texture, less than 1% veining, very minor silica- pyrite alteration										
		352.00 355.09 As above, and lower half cut by a swarm of quartz calcite veins up to 1.5 centimetre thick with angle to core axis of 45 degrees, 3% veining and alteration is weak clay in vicinity of veining										
		355.09 358.70 As above, with swarm of quartz carbonate veins in upper half of interval cut by calcite chalcedonic quartz veins up to 1 centimetre thick, irregular angles to core axis, but generally at 25 degrees, calcite is locally cockade textured on vein borders & center of vein locally filled										

FROM	TO	DESCRIPTION	FROM	TO	LENGTH	SAMPLE#	AU	AG	AS	BA	MO	%MIN
m	m		m	m	m		PPM	PPM	PPM	PPM	PPM	
		with blue to colourless agate- -like chalcedonic quartz, 2% veining										
		358.70 359.02 As above cut by quartz calcite vein with minor patchy lensy pyrite and chalcopyrite, 20% veining, 1% pyrite and chalcopyrite, vein angles are 45 degrees to 90 degrees to core axis										
		359.02 361.88 Mafic lapilli tuff, epidotitic, cut by less than 1% quartz calcite veining										
		361.88 365.11 As above,, cut by quartz calcite veining up to 6 centimetres thick, with angle to core axis of 45 degrees, 2% veining										
365.11	366.27	FAULT										
		Entire interval is fault breccia with gouge and clay matrix, minor rare less than 1% 5 millimetre circular clumps of massive pyrite, some quartz vein material clasts less than 1%, rocks totally friable, shear foliation is 45 degrees to core axis	365.11	366.27	1.16	FX 483070	0.004	0.100	466.0	31.	1.	-
366.27	376.98	LAPILLI TUFF										
		Mafic lapilli tuff with mafic phenocrysts common, phenocrysts commonly replaced by epidote	366.27	369.27	3.00	FX 483071	0.002	0.100	12.0	46.	1.	-
			369.27	372.35	3.08	FX 483072	0.001	0.100	40.0	33.	1.	-
			372.35	372.70	0.35	FX 483073	0.003	0.100	768.0	21.	1.	-
		366.27 369.27 As above cut by quartz carbonate veins up to 1 centimetre thick with angle to core axis of 20 degrees, 2% veining, also minor silica-pyrite alteration locally adjacent to veins	372.70	375.25	2.55	FX 483074	0.002	0.100	15.0	82.	1.	-
			375.25	376.98	1.73	FX 483075	0.001	0.100	18.0	48.	1.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		369.27 372.35 As above cut by quartz calcite veins up to 2 centimetre thick with angle to core axis of 45 degrees, chlorite ribbons common, 2% veining										
		372.35 372.70 As above cut by 2.5 centimetre thick quartz pyrite calcite vein, with crude banding and with pyrite in center of vein, angle to core axis of 25 degrees, 12% veining, 3% pyrite										
		372.70 375.25 As above cut by quartz carbonate veins 1 centimetre thick with angle to core axis of 35 degrees, 2% veining										
		375.25 376.98 As above but cut by quartz carbonate veins up to 2 centimetre thick with angle to core axis of 30 degrees, cut by calcite veins at 376.43 metres, moderately fractured and broken at lower contact, 6% veining										
376.98	378.13	FAULT										
		Mainly fault breccia with gouge and rock flour matrix, at lower contact a bit more coherent and cut by quartz calcite vein 1.5 centimetre thick with angle to core axis of 30 degrees, 3% veining	376.98	378.13	1.15	FX 483076	0.002	0.100	83.0	92.	1.	-
378.13	453.98	BASALT										
		Porphyritic basalt of the Nicola	378.13	381.25	3.12	FX 483077	0.001	0.100	61.0	126.	1.	-
			381.25	383.84	2.59	FX 483078	0.001	0.100	11.0	63.	1.	-
		378.13 381.25 As above, with calcite amygdules and mafic now clay altered phenocrysts, cut by quartz calcite	383.84	386.73	2.89	FX 483079	0.001	0.100	10.0	56.	1.	-
			386.73	389.64	2.91	FX 483080	0.001	0.200	11.0	63.	1.	-
			389.64	392.60	2.96	FX 483081	0.003	0.100	9.0	63.	1.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		veining up to 1 centimetre thick, 1%	392.60	395.43	2.83	FX 483082	0.008	0.100	7.0	59.	1.	-
		veining	395.43	398.26	2.83	FX 483083	0.002	0.200	10.0	82.	1.	-
		381.25 383.84 As above, but not	398.26	401.30	3.04	FX 483084	0.002	0.200	7.0	44.	1.	-
		amygdaloidal, cut by less than 1%	401.30	404.02	2.72	FX 483085	0.010	0.100	13.0	37.	1.	-
		quartz calcite veining, rock is locally	404.02	406.91	2.89	FX 483086	0.007	0.100	8.0	53.	1.	-
		weakly sheared and starting to resemble	406.91	409.47	2.56	FX 483087	0.001	0.100	2.0	69.	1.	-
		lapilli tuff	409.47	412.29	2.82	FX 483088	0.004	0.200	11.0	35.	1.	-
		383.84 386.73 As above cut by 7 centimetre	412.29	414.01	1.72	FX 483089	0.001	0.100	7.0	58.	1.	-
		thick quartz calcite vein with crude	414.01	417.86	3.85	FX 483090	0.001	0.100	9.0	24.	1.	-
		banding and chlorite ribbons and with	417.86	420.71	2.85	FX 483091	0.001	0.100	3.0	27.	1.	-
		angle to core axis of 45 degrees, 2%	420.71	423.52	2.81	FX 483092	0.001	0.200	6.0	26.	1.	-
		veining	423.52	426.50	2.98	FX 483093	0.009	0.100	10.0	36.	1.	-
		386.73 389.64 As above cut by quartz	426.50	428.94	2.44	FX 483094	0.014	0.100	9.0	89.	2.	-
		calcite veins up to 1 centimetre thick	428.94	431.67	2.73	FX 483095	0.006	0.100	2.0	118.	1.	-
		with angle to core axis of 45 degrees	431.67	434.37	2.70	FX 483096	0.006	0.100	6.0	100.	1.	-
		and 60 degrees, 1% veining, rock is	434.37	437.39	3.02	FX 483097	0.011	0.100	8.0	68.	1.	-
		weakly sheared and resembles a clastic	437.39	440.16	2.77	FX 483098	0.039	0.300	9.0	69.	1.	-
		fabric	440.16	442.94	2.78	FX 483099	0.014	0.200	5.0	48.	1.	-
		389.64 392.60 As above, massive to weakly	442.94	445.82	2.88	FX 483100	0.008	0.200	12.0	56.	1.	-
		foliated, locally amygdaloidal with	445.82	448.76	2.94	FX 483101	0.005	0.100	13.0	92.	2.	-
		quartz and calcite, less than 1% quartz	448.76	451.34	2.58	FX 483102	0.003	0.100	21.0	88.	1.	-
		calcite veining	451.34	453.98	2.64	FX 483103	0.009	0.200	17.0	63.	4.	-
		392.60 395.43 As above, upper metre of										
		interval is fine grained non										
		porphyritic and may be either tuff or										
		fine grained flow, 1% quartz calcite										
		veining										
		395.43 398.26 Moderately sheared to										
		massive lapilli tuff as above,										
		foliation angle to core axis at 70										
		degrees cut by calcite veins with minor										
		quartz and + or - pyrite up to 5										
		centimetre thick with angle to core										

** INCO **
DRILL LOG

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

axis of 45 degrees, 3% veining
398.26 401.30 As above, epidotic, cut by 1% quartz calcite veining
401.30 404.02 Moderately sheared lapilli tuff as above, cut by quartz carbonate veins up to 2 centimetre thick with angle to core axis of 60 degrees, some plucking and necking of veins common, clasts are flattened, 2% veining, foliation at 50 degrees to core axis
404.02 406.91 As above, 1% veining
406.91 409.47 As above, less than 1% veining, foliation angle at 45 degrees to core axis
409.47 412.29 As above
412.29 414.01 As above, upper metre is chloritic with local gouge and fault breccia, and fault foliation at 35 degrees to core axis, rest of interval has matrix replaced by epidote, cut by quartz carbonate veining up to 2 centimetre thick, 2% veining
414.01 417.86 As above, epidotitic, cut by 2% quartz carbonate veins
417.86 420.71 As above, much broken core, 2% veining, some fault gouge and limonite associated with veins and along fractures
420.71 423.52 As above
423.52 426.50 As above, much broken core, moderately sheared, cut by quartz calcite veining up to 3 centimetre thick with angle to core axis of 60

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

degrees, 1% veining, rock is paler in colour and appears to be bleached

426.50 428.94 As above, lower half of interval is abundant broken core with moderate to intensely developed local schistosity and formation of sericite chlorite schist

428.94 431.67 As above cut by quartz carbonate veins up to 1.5 centimetre thick, 2% veining, rock is massive and has a poorly recognizeable clastic texture

431.67 434.47 As above, much broken core, weakly foliated, and may be a fine grained flow or tuff, cut by less than 1% quartz carbonate veining

434.47 437.39 As above but paler in colour and calcareous, moderately fractured with local gouge along some fractures and probably gypsum and clay along fractures, 10 centimetre of gouge in middle of interval, cut by no quartz carbonate vein

437.39 440.16 As above with gouge fault breccia at 437.54 to 437.74 metres, .This is a fine grained version of the mafic lapilli tuff, just bleached and softer, cut by calcite veins up to 1 centimetre thick, 1% veining .Comment, this looks like a zoning type of alteration related to the epidote alteration above and may indicate proximity to a fault

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	XMIN
	440.16	442.94 Lapilli tuff to tuff breccia with good recognizeabe clastic texture fragments several centimeters in size, still bleached, cut by 1% calcite veining, foliation at 55 degrees to core axis										
	442.94	445.82 As above, with local gouge and fault breccia especially in lower third of interval, locally minor pyrite forms lenses										
	445.82	448.76 Back to medium yellow green colour mafic crystal lapilli tuff, cut by quartz carbonate veins up to 2 centimetre thick, with angle to core axis of 30 degrees, 2% veining, at upper contact calcite altered with minor lensy pyrite										
	448.76	451.34 As above, cut by 1% quartz carbonate veins up to 1 centimetre thick, local epidote patchs										
	451.34	453.98 As above but with moderate calcite and pyrite replacement, pyrite in forms of lenses that interconnect, calcite is ubiquitous . Comment this may be the equivalent of the carbonatized zone with the pyrite calcite and moderate clay alteration										
453.98	455.27	BASALT Porphyritic basalt with weakly foliated mafic phenocrysts common now altered to chlorite, cut by quartz carbonate pyrite veins up to 2 centimetre thick, patchy, and commonly	453.98	455.27	1.29	FX 483104	0.001	0.100	12.0	24.	1.	-

** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		at angle of 45 degrees to core axis, 4% veining										
455.27	456.92	LAPILLI TUFF										
		455.27 456.92 Pale gray calcareous mafic lapilli tuff, weak clay alteration, gypsum ? along fractures, bleached appearance	455.27	456.92	1.65	FX 483105	0.005	0.100	14.0	45.	6.	-
456.92	458.51	FAULT										
		This fault zone is composite and mixture of competent shear lenses that are variable fractured and bounded by zones of shearing with fault breccia and gouge on either side, some veining appears within the fault Zone	456.92	458.51	1.59	FX 483106	0.005	0.100	26.0	52.	2.	-
		456.92 458.51 Fault as above with abundant fault breccia and developed in mafic lapilli tuff, calcareous locally patchs of calcite and pyrite										
458.51	465.00	PORPHYRY										
		Feldspar phyric porphyry	458.51	461.77	3.26	FX 483107	0.001	0.100	9.0	146.	1.	-
		with feldspar phenocrysts from 2 millimetre up to 5 millimetre size, commonly 50% in abundance	461.77	465.00	3.23	FX 483108	0.001	0.100	16.0	187.	1.	-
		458.51 461.77 As above, abundant broken core, lensy patchs of colourless quartz, white calcite, and chlorite, mainly all monomineralic, gypsum along fractures common, Comment this rock appears to have been brittly fractured and along the fractures hydrothermal calcite quartz chlorite has developed. This is probably a shear lens within										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		the overall fault zone .										
	461.77	465.00 As above										
465.00	478.16	FAULT										
		This is the fault zone	465.00	467.53	2.53	FX 483109	0.005	0.100	30.0	54.	1.	-
		entered into a few intervals above	467.53	470.00	2.47	FX 483110	0.008	0.100	6.0	42.	1.	-
	465.00	467.53 Mafic lapilli tuff, weakly	470.00	472.67	2.67	FX 483111	0.015	0.300	19.0	599.	1.	-
		bleached lower half is all fault	472.67	475.48	2.81	FX 483112	0.025	0.200	8.0	85.	1.	-
		breccia with gouge and rock flour	475.48	478.16	2.68	FX 483113	0.016	0.200	4.0	85.	1.	-
		matrix, at upper contact there is 10										
		centimetre of crudely ribbon banded										
		calcite with minor lensy pyrite, 7										
		centimetre thick with angle to core										
		axis of 50 degrees, 2% veining										
		represented by the vein at upper										
		contact										
	467.53	470.00 Fault as above, abundant										
		broken core, fault breccia common with										
		gouge matrix, no veining										
	470.00	472.67 As above with some minor										
		coherent shear lenses, flanked by zones										
		of fault breccia with chlorite gouge										
		matrix, vein material is locally broken										
		up and included in fault breccia,										
		quartz carbonate vein material common,										
		some quartz carbonate vein at 20										
		degrees to core axis and up to 2										
		centimetre thick										
	472.67	475.48 Fault as above, all fault										
		breccia with some quartz calcite pyrite										
		vein material clasts										
	475.48	478.16 As above, upper half of										
		interval is all fault breccia as above										
		with gouge and rock flour matrix, lower										

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		half consists of intensely shear lenses with gouge and fault breccia between them, shearing is at 90 degrees to core axis										
478.16	489.15	LAPILLI TUFF										
		Mafic lapilli tuff of the	478.16	481.05	2.89	FX 483114	0.006	0.100	5.0	35.	1.	-
		Nicola, variable degrees of shearing,	481.05	483.59	2.54	FX 483115	0.003	0.100	8.0	151.	1.	-
		rock appears to grade between a lapilli	483.59	486.19	2.60	FX 483116	0.002	0.100	10.0	270.	1.	-
		tuff to a tuff that is characterized by	486.19	489.15	2.96	FX 483117	0.006	0.100	5.0	28.	1.	-
		chloritic clasts, wispy to equant										
		478.16 481.05 As above, with abundant broken core, minor fault gouge locally, 1% quartz calcite veining										
		481.05 483.59 As above										
		483.59 486.19 As above, and may be a tuff										
		486.19 489.15 As above, shearing still at 90 degrees to core axis, 1% veining, weakly bleached, less than 1% pyrite										
489.15	499.12	FAULT										
		This is a fault zone with	489.15	491.29	2.14	FX 483118	0.024	0.200	36.0	100.	1.	-
		coherent shear lenses a few centimeters	491.29	494.90	3.61	FX 483119	0.019	0.100	49.0	97.	1.	-
		to several tens of centimeters wide	494.90	496.81	1.91	FX 483120	0.015	0.200	34.0	21.	3.	-
		bounded by fault breccia and gouge, and	496.81	499.12	2.31	FX 483121	0.007	0.200	36.0	34.	7.	-
		locally some of the shear lenses themselves are intensely fractured .The parent rock is mafic crystal lapilli tuff										
		489.15 491.29 As above with 40 centimetre shear lens and bounded by intensely fractured rock, fault breccia and gouge										
		491.29 494.90 As above, very little vein material if any in this part of the fault zone										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
	494.90	496.81 Mainly fault breccia with local zones of intensely fractured rock										
	496.81	499.12 As above, abundant broken core and less fault breccia, more shear lenses, foliation at 90 degrees to core axis, local pyrite in lensy patchs concordant with foliation										
499.12	501.67	LAPILLI TUFF										
		Bleached pale gray lapilli tuff with foliation to core axis at 90 degrees, local pyrite replaces wispy clasts, some local crush and fault breccia, cut by 1% quartz carbonate vein at 45 degrees to core axis	499.12	501.67	2.55	FX 483122	0.006	0.100	10.0	35.	1.	-
501.67	509.66	FAULT										
		Probably a splay of the same fault zone with variable amounts of fault breccia gouge and coherent shear lenses, all developed in bleached mafic lapilli tuff, pale gray	501.67	504.65	2.98	FX 483123	0.015	0.400	46.0	48.	1.	-
			504.65	507.56	2.91	FX 483124	0.009	0.200	36.0	45.	1.	-
			507.56	509.66	2.10	FX 483125	0.008	0.200	20.0	49.	1.	-
	501.67	504.65 As above, with mainly fault breccia, with 3% pyrite overall and locally up to 40% pyrite over 10 centimetre as at 502.62 metres, shearing at 90 degrees to core axis, rock is non to weakly silicified and calcareous throughout. Comment- this zone is probably equivalent to the gossan zone C or a similar splay of that zone. The amount of pyrite in this zone would definitely form a gossan at surface.										
	504.65	507.56 As above but with 1% to 2%										

FROM	TO	DESCRIPTION	FROM	TO	LENGTH	SAMPLE#	AU	AG	AS	BA	MO	%MIN
m	m		m	m	m		PPM	PPM	PPM	PPM	PPM	
		pyrite, relatively coherent to intensely fractured shear lenses, local fault breccia, disseminated pyrite along fractures and replacement of wispy clasts common, zone is calcareous										
		507.56 509.66 Fault as above, all fault breccia with gouge and rock flour matrix, 1% to 2% pyrite, bleached gray as above, 1% local patchy calcite vein material										
509.66	528.60	LAPILLI TUFF										
		This is pale green, variable sheared and foliated lapilli tuff with clasts flattened to lensy chloritic elipses	509.66	511.76	2.10	FX 483126	0.014	0.200	7.0	29.	3.	-
			511.76	514.81	3.05	FX 483127	0.034	0.300	8.0	38.	4.	-
			514.81	517.86	3.05	FX 483128	0.018	0.100	4.0	86.	1.	-
			517.86	520.60	2.74	FX 483129	0.009	0.200	2.0	104.	1.	-
			520.60	523.81	3.21	FX 483130	0.012	0.100	2.0	93.	1.	-
			523.81	527.00	3.19	FX 483131	0.012	0.100	2.0	85.	1.	-
			527.00	528.60	1.60	FX 483132	0.005	0.100	2.0	100.	1.	-
		509.66 511.76 As above, cut by quartz calcite pyrite veining concordant to foliation, patchy, 2% veining										
		511.76 514.81 As above with irregular zones of quartz calcite pyrite mainly all calcite, up to 10 centimetre thick, irregular, 10% veining, foliation at angle of 60 degrees to core axis										
		514.81 517.86 As above, 1% veining										
		517.86 520.60 As above										
		520.60 523.81 As above cut by quartz pink calcite and chlorite veins up to 2 centimetres thick with angle to core axis of 40 degrees, 2% veining										
		523.81 527.00 As above, much broken core, some fault gouge and shearing at 525.37 with angle to core axis of 60 degrees, less than 1% veining										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		527.00 528.60 Tuff as above, less than 1% veining										
528.60	537.38	SCHIST										
		This is a chlorite calcite epidote pyrite schist with patchy yellow green clay calcite in a schistose matrix of chlorite and sericite . Comment - this zone has enough pyrite to make it responsible for a gossan at surface.	528.60	531.60	3.00	FX 483133	0.014	0.100	2.0	56.	1.	-
			531.60	534.60	3.00	FX 483134	0.009	0.400	6.0	56.	2.	-
			534.60	537.38	2.78	FX 483135	0.011	0.200	3.0	10.	1.	-
		528.60 531.60 As above with foliation angle to core axis of 45 degrees, concordant calcite veining up to 2 centimetre thick, 1% veining										
		531.60 534.60 As above with less veining										
		534.60 537.38 As above, with a 5 centimetre thick quartz pink calcite and chlorite vein with angle of 45 degrees to core axis, 2% veining										
537.38	559.95	TUFF										
		This is a medium green mafic chlorite -rich rock that is variably foliated, is gradational into chlorite schist	537.38	540.38	3.00	FX 483136	0.010	0.100	2.0	68.	1.	-
			540.38	543.63	3.25	FX 483137	0.017	0.300	10.0	56.	1.	-
			543.63	546.46	2.83	FX 483138	0.008	0.100	2.0	367.	1.	-
			546.46	549.01	2.55	FX 483139	0.014	0.100	8.0	69.	1.	-
		537.38 540.38 As above with foliation to core axis of 45 to 50 degrees, less than 1% veining	549.01	551.85	2.84	FX 483140	0.010	0.400	2.0	54.	1.	-
			551.85	554.58	2.73	FX 483141	0.015	0.100	4.0	38.	2.	-
			554.58	557.29	2.71	FX 483142	0.015	0.200	3.0	27.	1.	-
		540.38 543.63 As above cut by quartz pink calcite and chlorite veins up to 2 centimetres thick, 2% veining, patchy	557.29	559.95	2.66	FX 483143	0.021	0.200	4.0	59.	1.	-
		543.63 546.46 As above, though chloritic clasts are getting up to 4 millimetres, quartz pink calcite and										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		chlorite veins up to 4 centimetres thick, variably angles, 6% veining										
	546.46	549.01 As above, with a 40 centimetre zone of calcite enrichment at 548.03 to 548.43 metres, 1% veining										
	549.01	551.85 As above, less than 1% quartz calcite veining, relatively coherent and foliated with angle to core axis of 45 to 60 degrees										
	551.85	554.58 As above, fine grained with zone of calcite -rich schist from 558.57 to 559.13 metres, 1% veining										
	554.58	557.29 As above but upper half of interval is sheared and is a calcite chlorite sericite pyrite schist, middle of interval for about half a metre is clay and ankerite and sericite altered and lower half of interval is ' cut by a 6 centimetre thick quartz calcite vein with chloritic ribbons, 3% veining										
	557.29	559.95 As above with 9 centimetre thick quartz calcite vein from 558.13 to 558.24, chlorite ribbons in vein, 4% veining, lower 0.3 m is calcite chlorite sericite pyrite schist . Comment - the primary rock type here is still a coarse tuff.										
559.95	562.55	SCHIST This is a chlorite calcite quartz sericite pyrite clay schist with generally concordant foliation, but locally swirly, 2% quartz calcite veining	559.95	562.55	2.60	FX 483144	0.057	0.200	14.0	50.	1.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
562.55	600.73	LAPILLI TUFF										
		Typical mafic lapilli tuff of the Nicola, variably sheared, locally grading down to coarse tuff size	562.55	565.67	3.12	FX 483145	0.008	0.100	2.0	33.	1.	-
			565.67	568.30	2.63	FX 483146	0.022	0.100	5.0	28.	1.	-
			568.30	571.18	2.88	FX 483147	0.005	0.300	4.0	39.	1.	-
			571.18	574.09	2.91	FX 483148	0.008	0.100	2.0	92.	1.	-
		562.55 565.67 As above with local gouge near upper contact, cut by quartz calcite veining up to 2 centimetre thick with chlorite ribbons, 1% veining	574.09	576.92	2.83	FX 483149	0.006	0.100	2.0	49.	1.	-
			576.92	579.65	2.73	FX 483150	0.011	0.100	5.0	68.	1.	-
			579.65	582.37	2.72	FX 483151	0.006	0.100	4.0	83.	1.	-
			582.37	585.22	2.85	FX 483152	0.007	0.100	4.0	96.	1.	-
		565.67 568.30 Medium green mafic lapilli tuff as above, chlorite -rich clasts up to 2 centimetres long, but most of rock is coarse tuff matrix, cut by 1% quartz calcite veining up to 1 centimetre thick	585.22	587.98	2.76	FX 483153	0.008	0.200	4.0	44.	1.	-
			587.98	590.80	2.82	FX 483154	0.004	0.200	4.0	1.	1.	-
			590.80	593.40	2.60	FX 483155	0.007	0.200	6.0	23.	1.	-
			593.40	596.24	2.84	FX 483156	0.011	0.300	6.0	50.	1.	-
			596.24	599.16	2.92	FX 483157	0.013	0.200	2.0	86.	1.	-
			599.16	600.73	1.57	FX 483158	0.009	0.200	2.0	26.	1.	-
		568.30 571.18 As above										
		571.18 574.09 Homogeneous dark green mafic lapilli tuff, moderately foliated with angle to core axis of 60 degrees, 1% quartz carbonate veins										
		574.09 576.92 As above, but intercalated with calcite clay chlorite schist which forms half of interval, 1% veining										
		576.92 579.65 As above with good recognizeable clastic texture, 1% veining										
		579.65 582.37 As above										
		582.37 585.22 As above, less than 1% quartz carbonate veins										
		585.22 587.98 As above cut by quartz calcite and rare chalcopyrite veins up to 1 centimetre thick, variably angle to core axis, 2% veining										

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

587.98 590.80 As above cut by quartz and pink calcite veins with white quartz core and pink calcite border, veins up to 5 centimetres thick, angle to core axis of 70 degrees, 3% veining, lower half of interval has red brown hematite or limonite along fractures

590.80 593.40 As above cut by quartz pink calcite veins up to 4 centimetres thick, angle to core axis of 45 degrees, clay alteration and some shearing in hanging wall above vein, 4% veining, lower half of interval is moderately sheared and well cleaved, upper half is moderately fractured with calcite along fractures

593.40 596.24 Lapilli tuff as above, coherent, epidotitic, cut by less than 1% quartz carbonate veins up to 1 centimetre thick

596.24 599.16 As above, epidote patches common, cut by quartz pink calcite chlorite vein up to 2.5 centimetre thick with angle to core axis of 35 degrees, 2% veining

599.16 600.73 As above with epidote patches, cut by 3 centimetre thick quartz pink calcite chlorite vein with angle to core axis of 30 degrees, 3% veining FOOT OF HOLE AT 600.73 METRES
Comment - alteration in this hole is associated with fault zones and consists of clay and carbonate

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

alteration which may be detectable as geochemical units with the continuous ICP data.

** INCO **
DRILL LOG

BOREHOLE :72488-0 PRINT DATE :18-AUG-1989 10:33

PROJECT	: Epi- Gnome						
Latitude	: 2340.00S	Departure	: 669.00E	Elevation	: 1068.00m	Hole length	: 425.20m
NTS/Quad	: 92P-2W	Logged by	: J.A. Morin	Assay req.	: Acme Analytical - ICP &	Level	: Surface
Country	: Canada	Drilled by	: Beaupre Diamond Drilling	Test Method	: Acid etch tube	Grid name	:
Prov./state	: B.C.	Drill type	: Longyear 38	Started	: 27 JUNE, 1989	BL azimuth	: 358.5 degrees
Twp/County	:	Core size	: HQWL to 106.83; NQWL to 4	Completed	: 5 JULY,1989	BH bearing	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	280.00	-50.00	62.48	-1.00	-50.50	123.44	-1.00	-53.00	184.40	-1.00	-52.00
245.35	-1.00	-52.00	309.36	-1.00	-53.00	367.27	-1.00	-53.50			

COMMENTS : **********
LEFT IN HOLE Nothing left in hole
Measured 669 m E from baseline
None
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
0.00	2.74	CASING										
			0.00	2.74	2.74	NS						-
2.74	38.23	BASALT										
		THis is a series of Miocene basalt lava flows with scoriaceous flowtop breccia and massive lower parts.	2.74	38.23	35.49	NS						-
		2.74 7.29 Flowtop breccia										
		7.29 26.60 Massive amygdaloidal lower part of topmost flow										
		26.60 38.23 A series of thin scoriaceous and brecciated lava flows with minor										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		intraformational breccia, all oxidized										
38.23	63.58	SANDSTONE										
		White weathering quartz feldspar-rich sandstone with tuff matrix, Miocene Deadman River Formation, clasts generally less than 2 millimetres, lithic clasts more common and larger near lower contact	38.23	63.58	25.35	NS						-
63.58	74.27	ASH TUFF										
		Buff massive rarely layered, becoming siltstone-sized from 71.00 to 72.00 me'. May be lacustrine but probably volcanic.	63.58	71.98	8.40	NS						-
			71.98	74.27	2.29	FX 483159	0.033	0.200	65.0	22.	2.	-
		63.58 71.98 As above										
		As above, buff to tan fine grained massive tuff with local exotic clasts up to 2 centimetre, tuff is conglomeratic and the few clasts are tuff matrix supported										
74.27	80.77	CONGLOMERATE										
		71.98 74.27 This is an epiclastic conglomerate, polymictic, with clasts of gneiss, chlorite altered volcanics, and rare silicified Nicola and jasperoid clasts, matrix is pale green chlorite and, tuff and sandstone, conglomerate ranges from matrix supported to clast supported, matrix is clay altered	74.27	77.13	2.86	FX 483160	0.008	0.100	68.0	24.	6.	-
			77.13	79.88	2.75	FX 483161	0.032	0.200	18.0	43.	1.	-
			79.88	80.77	0.89	FX 483162	0.017	0.100	7.0	23.	1.	-
		74.27 77.13 As above, coherent, except near lower contact										
		77.13 79.88 As above, but friable										
		79.88 80.77 As above, friable upper half										

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	XMIN
80.77	83.82	REGOLITH										
		Pale green to orange brown variably oxidized intensely to totally clay altered, weathered volcanic rock, mafic composition, Triassic Nicola Group	80.77	83.82	3.05	FX 483163	0.155	0.100	18.0	1708.	2.	-
		80.77 83.82 As above										
83.82	86.40	FAULT										
		This is a fault breccia with limonite and rock flour and clay matrix, and clasts of volcanics common, locally cut by pale green chalcedony and chalcedonic quartz, locally vuggy	83.82	85.04	1.22	FX 483164	0.022	0.200	26.0	832.	5.	-
			85.04	86.40	1.36	FX 483165	0.203	0.200	20.0	23.	1.	-
		83.82 85.04 As above, with highly clay altered chloritic volcanic rock, lower half of interval is cut by chalcedonic quartz veins up to 3 centimetre thick, with angle to core axis of 35 degrees, nearby host rocks are intensely silicified and vuggy, 10% veining										
		85.04 86.40 Fault breccia, in contrast to brecciated interval above, matrix is limonite clay and rock flour and rock clasts are intense to totally clay altered, clast supported and complete clay alteration at upper contact with some clasts of chalcedonic quartz and silicified volcanics										
86.40	115.98	FAULT										
		This is a zone of highly foliated rock that is no doubt under the influence of a fault zone and is schistose, with a swirly foliation that	86.40	89.38	2.98	FX 483166	0.032	0.100	77.0	122.	4.	-
			89.38	91.74	2.36	FX 483167	0.020	0.100	138.0	338.	6.	-
			91.74	94.70	2.96	FX 483168	0.022	0.100	155.0	127.	17.	-
			94.70	97.76	3.06	FX 483169	0.019	0.100	145.0	992.	7.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		is irregular, and consists mainly of clay, limonite, hematite, chlorite and sericite	97.76	101.38	3.62	FX 483170	0.025	0.300	64.0	1129.	2.	-
			101.38	103.59	2.21	FX 483171	0.011	0.100	65.0	203.	3.	-
			103.59	106.83	3.24	FX 483172	0.014	0.100	43.0	359.	2.	-
86.40	89.38	As above, intensely oxidized	106.83	109.26	2.43	FX 483173	0.013	0.100	49.0	254.	3.	-
89.38	91.74	As above	109.26	110.88	1.62	FX 483174	0.015	0.300	19.0	314.	2.	-
91.74	94.70	Highly oxidized brecciated volcanic, orange brown, pockets of severe clay and limonite alterations 2% chalcedonic quartz veining up to 6 millimetre thick	110.88	113.95	3.07	FX 483175	0.014	0.200	136.0	766.	6.	-
			113.95	115.98	2.03	FX 483176	0.028	0.100	208.0	365.	52.	-
94.70	97.76	As above										
97.76	101.38	As above with complete alteration to clay, 80 centimetre interval of unoxidized gray clay ending at 108.88 metres										
101.38	103.59	Highly oxidized fault breccia and brecciated volcanic as above, locally silicified to buff cream colour, 1% veining										
103.59	106.83	As above, but with intense silicification locally to creamy buff colour, 6% silicified, patchy and has clasts, otherwise all oxidized red brown fault breccia and brecciated volcanic										
		Comment - HQ core ends at 106.83 meters										
106.83	109.26	Highly oxidized fault breccia, orange brown to red brown										
109.26	110.88	Unoxidized pale gray to dark gray fault breccia, completely clay altered										
110.88	113.95	Oxidized clay altered fault										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		breccia										
	113.95	115.98 As above										
115.98	184.38	LAPILLI TUFF										
		This is a crystal lapilli	115.98	118.49	2.51	FX 483177	0.006	0.300	37.0	63.	1.	-
		tuff	118.49	121.50	3.01	FX 483178	0.007	0.300	32.0	67.	12.	-
	115.98	118.49 Unoxidized clay chlorite	121.50	124.50	3.00	FX 483179	0.027	0.200	133.0	164.	6.	-
		calcite altered lapilli tuff as above,	124.50	127.52	3.02	FX 483180	0.014	0.200	106.0	37.	6.	-
		about 4% pyrite, commonly as fine	127.52	128.32	0.80	FX 483181	0.073	0.300	88.0	22.	255.	-
		grained lensy replacement of original	128.32	131.36	3.04	FX 483182	0.238	0.200	59.0	75.	4.	-
		chlorite clasts, and locally along	131.36	134.30	2.94	FX 483183	0.010	0.100	41.0	64.	6.	-
		fractures, cut by 2% quartz calcite	134.30	137.28	2.98	FX 483184	0.007	0.200	57.0	66.	4.	-
		veining	137.28	140.20	2.92	FX 483185	0.010	0.100	108.0	206.	4.	-
	118.49	121.50 Volcanic as above with	140.20	143.08	2.88	FX 483186	0.017	0.400	247.0	164.	6.	-
		pervasive clay chlorite pyrite	143.08	145.96	2.88	FX 483187	0.035	0.400	231.0	40.	28.	-
		alteration, cut by quartz calcite veins	145.96	148.72	2.76	FX 483188	0.011	0.100	72.0	111.	11.	-
		up to 1 centimetre thick with angle to	148.72	152.00	3.28	FX 483189	0.018	0.200	200.0	64.	27.	-
		core axis of 45 degrees and sub	152.00	152.48	0.48	FX 483190	0.027	0.600	186.0	16.	112.	-
		parallel, 3% veining, unoxidized	152.48	155.80	3.32	FX 483191	0.016	0.200	151.0	52.	9.	-
	121.50	124.50 Oxidized and locally	155.80	159.69	3.89	FX 483192	0.007	0.400	63.0	61.	1.	-
		brecciated lapilli tuff, 1% local	159.69	161.53	1.84	FX 483193	0.014	0.200	73.0	93.	1.	-
		intense silicification	161.53	164.30	2.77	FX 483194	0.007	0.300	32.0	106.	1.	-
	124.50	127.52 Crystal lapilli tuff as	164.30	167.78	3.48	FX 483195	0.018	0.300	20.0	123.	1.	-
		above, with both oxidized and	167.78	169.90	2.12	FX 483196	0.012	0.100	34.0	106.	2.	-
		unoxidized portions, unoxidized rock	169.90	172.71	2.81	FX 483197	0.011	0.300	33.0	61.	1.	-
		has clay calcite pyrite chlorite	172.71	175.68	2.97	FX 483198	0.014	0.500	56.0	49.	4.	-
		alteration, cut by 1% quartz calcite	175.68	178.53	2.85	FX 483199	0.031	0.300	26.0	89.	1.	-
		veining	178.53	181.48	2.95	FX 483200	0.019	0.500	127.0	135.	1.	-
	127.52	128.32 As above, both oxidized and	181.48	184.38	2.90	FX 483201	0.008	0.400	89.0	154.	1.	-
		unoxidized, cut by white to dark gray										
		chalcedonic quartz veins up to 2										
		centimetre thick, with angle to core										
		axis of 35 degrees, 6% veining, wall										
		rocks are locally intensely silicified										

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

128.32 131.36 Mixture of both oxidized and unoxidized crystal lapilli tuff as above, local patchy very fine grained pyrite alteration, unoxidized rock is clay chlorite calcite pyrite altered, cut by 2% quartz calcite veining with very minor local silicification

131.36 134.30 Unoxidized mafic lapilli tuff with clay calcite chlorite pyrite alteration and some oxidized zones cut by quartz calcite veining up to 1.5 centimetre thick, 2% veining

134.30 137.28 As above unoxidized lapilli tuff with some local oxidized zones

137.28 140.20 As above but equal mixture of oxidized and unoxidized, pyrite alteration is in swirly bands several centimeters thick, 1% quartz calcite veining up to 2 centimetre thick

140.20 143.08 Typical oxidized lapilli tuff

143.08 145.96 As above, mixture of oxidized and unoxidized lapilli tuff with clay chlorite pyrite calcite alteration, foliation locally parallel to core axis cut by 1% quartz calcite veining

145.96 148.72 As above mixture of oxidized and unoxidized

148.72 152.00 As above, cut by dark gray chalcedonic quartz veining with pyrite, up to 5 millimetre thick, 1% veining

152.00 152.48 Mainly unoxidized lapilli

FROM	TO	DESCRIPTION	FROM	TO	LENGTH	SAMPLE#	AU	AG	AS	BA	MO	XMIN
m	m		m	m	m		PPM	PPM	PPM	PPM	PPM	

tuff as above with clay chlorite sericite pyrite alteration, cut by chalcedonic quartz veins colourless to white in the core with dark gray borders, up to 1.5 centimetre thick with angle to core axis of 30 degrees 1% veining

152.48 155.80 As above mixture of oxidized and unoxidized, with alteration as above cut by dark gray chalcedonic quartz veins up to 1.5 centimetre thick with angle to core axis of 45 degrees, 1% veining

155.80 159.69 As above, phenocryst rich mafic lapilli tuff, grading into porphyritic basalt flow, intensely clay altered and cut by quartz carbonate veins up to 5 millimetre thick, 20 centimetre of oxidized material, rest is unoxidized

159.69 161.53 As above, but cut by weak quartz calcite stockwork up to 5 millimetre thick, 3% veining, locally vuggy, also minor swirly dark gray clay alteration, and a 10 centimetre patch of oxidized rock, this is the last interval where there is any appreciable oxidization

161.53 164.30 As above, with leached out vugs, dark gray clay alteration, lensy pyrite replacements locally, abundant pervasive clay alteration, 2% veining, lower third of interval is chlorite

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

rich and schistose and can be considered part of a fault

164.30 167.78 As above but highly chloritic and weakly sheared throughout, patchy quartz calcite veining up to 1 centimetre thick, 2% veining, fault could be run through here

167.78 169.90 As above but more coherent with lensy swirly diffuse pale gray clay alteration, 1% quartz calcite veining, locally banded

169.90 172.71 As above with clay alteration common, local gray quartz veining, irregular and up to 5 centimetre thick, with intense silicification of wall rock, 3% veining

172.71 175.68 As above, with local patchy pyrite lenses, especially along fractures, 1% quartz carbonate veining

175.68 178.53 As above, with lensy pyrite along fractures, clay alteration common, cut by 2% quartz calcite veining up to 1 centimetre thick

178.53 181.48 As above but with moderate to intense silicification, some patchy lensy pyrite minor, diffuse to distinguish intense silicification from brecciation with quartz matrix, 1% veining

181.48 184.38 Equant pebble lapilli tuff, locally weakly silicified, pale green, with fault gouge breccia from 184.00

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		metres to lower contact, less than 1% veining										
184.38	185.90	QUARTZ VEIN As above cut by white quartz veins with moderate 30 degrees to 45 degree angle to core axis, 2 veins 25 centimetre and 30 centimetre thick, with minor swirly lenses of pyrite, minor calcite, no banding and moderately fractured, 60% veining	184.38	185.90	1.52	FX 483202	0.016	0.300	30.0	132.	1.	-
185.90	187.00	TUFF This is a confusing interval with carbonatized material in upper half of interval, and lower half marked by pale green and dark gray alternating beds of fine grained tuffaceous chloritic material, with angle to core axis of 30 degrees, the carbonatized zone at upper contact is probably footwall alteration of quartz vein, and there is the chance that the apparent bedding may be fluxion foliation due to shearing	185.90	187.00	1.10	FX 483203	0.003	0.200	61.0	90.	1.	-
187.00	191.94	SCHIST This is a chlorite sericite ankerite calcite clay pyrite schist, locally contorted and crumpled and in a fault zone	187.00	189.57	2.57	FX 483204	0.006	0.500	33.0	74.	1.	-
			189.57	191.94	2.37	FX 483205	0.009	0.400	30.0	109.	1.	-
		187.00 189.57 As above, with foliation angle to core axis of 40 degrees, and also parallel to core axis, some irregular white quartz calcite veining up to 3 centimetre thick, patchy, 3%										

** INCO **
DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		veining										
		189.57 191.94 Schist as above, 2% veining, 1% pyrite, foliation angle to core axis of 45 degrees										
191.94	269.00	LAPILLI TUFF										
		This is a typical Nicola	191.94	193.54	1.60	FX 483206	0.027	0.200	70.0	89.	1.	-
		mafic lapilli tuff with gradations from	193.54	195.91	2.37	FX 483207	0.028	0.100	81.0	39.	7.	-
		lapilli tuff to porphyritic basalt to	195.91	198.20	2.29	FX 483208	0.017	0.100	56.0	62.	3.	-
		fine grained tuff, variable carbonate	198.20	201.23	3.03	FX 483209	0.003	0.300	24.0	120.	1.	-
		altered	201.23	204.13	2.90	FX 483210	0.003	0.100	20.0	489.	1.	-
		191.94 193.54 As above, pale gray, cut by	204.13	206.08	1.95	FX 483211	0.004	0.300	34.0	155.	1.	-
		abundant quartz carbonate vein up to 3	206.08	209.84	3.76	FX 483212	0.006	0.100	36.0	48.	2.	-
		centimetre thick, 8% veining, and	209.84	212.62	2.78	FX 483213	0.003	0.200	7.0	66.	1.	-
		moderately ankerite altered	212.62	215.45	2.83	FX 483214	0.003	0.100	3.0	51.	1.	-
		193.54 195.91 Volcanic as above,	215.45	218.46	3.01	FX 483215	0.003	0.100	5.0	54.	1.	-
		pervasively pyritized, 10% pyrite,	218.46	221.17	2.71	FX 483216	0.003	0.100	2.0	85.	1.	-
		remainder of rock is carbonate clay	221.17	223.87	2.70	FX 483217	0.003	0.400	4.0	26.	1.	-
		altered cut by quartz carbonate veining	223.87	226.77	2.90	FX 483218	0.001	0.300	5.0	74.	1.	-
		up to 1.5 centimetre thick, angle to	226.77	229.33	2.56	FX 483219	0.002	0.100	5.0	52.	1.	-
		core axis of 45 degrees, ankerite	229.33	232.06	2.73	FX 483220	0.005	0.200	16.0	89.	1.	-
		carbonate alteration common as is pale	232.06	235.95	3.89	FX 483221	0.002	0.500	5.0	94.	1.	-
		emerald green alteration of phenocrysts	235.95	237.32	1.37	FX 483222	0.005	0.200	18.0	66.	1.	-
		195.91 198.28 As above, but less than 2%	237.32	239.16	1.84	FX 483223	0.005	0.100	5.0	68.	1.	-
		pyrite, and more buff ankerite	239.16	242.09	2.93	FX 483224	0.013	0.300	32.0	63.	1.	-
		alteration .Comment- the ankerite	242.09	244.81	2.72	FX 483225	0.006	0.500	2.0	62.	1.	-
		alteration flanks pyrite and calcite	244.81	246.25	1.44	FX 483226	0.008	0.200	4.0	61.	1.	-
		alteration, perhaps calcium iron ratios	246.25	247.58	1.33	FX 483227	0.009	0.100	12.0	69.	1.	-
		may give a handle on ankerite content,	247.58	250.43	2.85	FX 483228	0.009	0.200	95.0	101.	2.	-
		especially when compared to percent	250.43	253.30	2.87	FX 483229	0.007	0.200	6.0	132.	1.	-
		pyrite in intervals	253.30	256.37	3.07	FX 483230	0.006	0.100	4.0	85.	1.	-
		198.28 201.23 Buff carbonatized volcanic,	256.37	258.02	1.65	FX 483231	0.006	0.100	4.0	55.	1.	-
		cut by white quartz carbonate veins up	258.02	261.93	3.91	FX 483232	0.006	0.200	35.0	46.	4.	-
		to 1 centimetre thick, 5% veining, less	261.93	264.90	2.97	FX 483233	0.008	0.100	12.0	82.	1.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		than 1% pyrite	264.90	266.38	1.48	FX 483234	0.022	0.100	5.0	46.	1.	-
201.23	204.13	Buff carbonate altered as above, cut by quartz carbonate veins and locally pyrite veins, quartz carbonate up to 3 centimetre thick with angle to core axis of 45 degrees, some pale honey brown calcite veins also, 3% veining, .This interval is coherent as is interval above.	266.38	269.00	2.62	FX 483235	0.004	0.100	7.0	147.	1.	-
204.13	206.08	As above, coherent, with sericite chlorite ankerite calcite pyrite clay schist developed from 205.73 metres up to 206.33 metres, angle to core axis of 30 degrees to 45 degrees of foliation, schist portion has alternating pyrite - rich zones versus ankerite - rich zones, remainder of rock is dominantly carbonate altered in upper interval and pyrite altered in lower portion										
206.08	209.84	As above with pervasive pyrite carbonate and sericite chlorite clay alteration, crystal mafic lapilli tuff textures recognizeable throughout, cut by 1% quartz carbonate veins										
209.84	212.62	Mafic lapilli tuff as above, chloritic with some swirly silica pyrite alteration locally, and locally some carbonate alteration, cut by 1% quartz calcite veining										
212.62	215.45	As above, with fault gouge and breccia from 214.00 metres to 214.42 metres, chlorite rich fault, 1%										

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

quartz calcite veining
215.45 218.46 As above with generally chlorite altered mafic crystal rich lapilli tuff, local patchy gray silica pyrite alteration, less than 2% patchy quartz calcite veining
218.46 221.17 Coherent as above
221.17 223.81 As above, with one 2 centimetre thick quartz calcite hematite vein at 45 degrees to core axis, less than 2% veining, dark medium green colour with local patchy dark gray silica pyrite alteration
223.81 226.77 As above
226.77 229.33 As above cut by quartz calcite hematite veins up to 1.5 centimetre thick, 1% veining, fault gouge from 227.49 metres to 227.91 metres, rest of interval is coherent
229.33 232.06 As above, good recognizeable clastic textures, cut by 1% quartz carbonate veins at 45 degrees to core axis
232.06 235.95 As above cut by quartz calcite hematite veining up to 2 centimetre thick with angle to core axis of 40 degrees, lower half of interval is minor carbonate altered
235.95 237.72 As above, but getting into some silica pyrite alteration and cut by quartz carbonate veins up to 2 centimetre thick with angle to core axis of 45 degrees, 1% quartz carbonate

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

hematite veining
237.72 239.16 As above cut by quartz carbonate vein up to 3 centimetre thick with angle to core axis of 25 degrees, Comment- nicely developed Reidel fractures within calcite vein, patchy ankerite alteration and less than 1% pyrite
239.16 242.09 As above, but buff ankerite altered throughout, along with very fine grained silica pyrite alteration, cut by quartz carbonate vein more than 4 centimetre thick with angle to core axis of 10 degrees, 4% veining, less than 2% pyrite
242.09 244.81 As above, patchy buff ankerite alteration common, pyrite replacement of clasts locally, cut by 1% calcite veining, less than 2% pyrite
244.81 246.25 As above with pyrite and ankerite alteration, 1% veining
246.25 247.58 As above cut by 12 centimetre quartz carbonate vein, pink carbonate and dark gray quartz, crudely banded with angle to core axis of 45 degrees, 10% veining
247.58 250.43 As above with pale green gray calcite clay alteration, lower two thirds of interval marked by gray clay pyrite alteration, cut by 2% veining
250.43 253.30 As above with less carbonate and clay pyrite alteration, 2% quartz carbonate veins

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	XMIN

253.30 256.37 Lapilli tuff as above, with minor patchy clay pyrite alteration, 1% quartz carbonate vein, rock is pale green and not as altered as intervals above

256.37 258.02 As above with more pale gray clay pyrite alteration, and some fault gouge at 256.95 257.37, 1% quartz carbonate veining

258.02 261.93 As above with similar level of alteration, cut by 5 centimetre crudely banded quartz carbonate vein, at 60 degrees to core axis, and 2 centimetre quartz carbonate vein parallel to core axis, 4% veining

261.93 264.90 As above but cut in two places by zones of gouge 20 and 30 centimetre thick each, clay pyrite hematite alteration, 1% veining

264.90 266.38 As above cut by two zones of gouge each 15 centimetre thick, no silica pyrite or clay alteration as above, lapilli tuff clastic tuff is recognizable with mafic phenoclasts common along with chloritic partly welded clasts, up to 1 centimetre in size Comment - these zones of fault gouge probably separate coherent shear lens and probably reflect a zone of faulting

266.38 269.00 As above, with relatively coherent, cut by 1% quartz carbonate veining

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FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
269.00	270.54	FAULT										
		Mainly gouge clay and rock flour matrix to a fault breccia, no sense of a foliation angle	269.00	270.54	1.54	FX 483236	0.013	0.100	54.0	24.	1.	-
270.54	282.55	LAPILLI TUFF										
		Typical mafic lapilli tuff of the Nicola	270.54	273.43	2.89	FX 483237	0.013	0.100	5.0	53.	1.	-
			273.43	276.29	2.86	FX 483238	0.036	0.200	42.0	118.	1.	-
			276.29	279.12	2.83	FX 483239	0.019	0.100	69.0	133.	1.	-
			279.12	281.93	2.81	FX 483240	0.010	0.300	56.0	73.	1.	-
			281.93	282.55	0.62	FX 483241	0.017	0.100	48.0	35.	1.	-

270.54 273.43 Pale green mafic lapilli tuff with chloritic clasts, weak foliation, locally carbonate altered in 50 centimetre zone with ankerite calcite and a vug up to 4 centimetre long and 5 centimetre wide, cut by 2% quartz carbonate veining up to 1 centimetre thick Comment - one cannot help get the feeling that the bore hole is passing though shells of the same alteration zone that is sub parallel to the borehole

273.43 276.29 As above with carbonate alteration common along with lesser clay pyrite alteration, 2% quartz carbonate veining and 20 centimetre of clay alteration and gouge from 275.53 275.83

276.29 279.12 As above pale green buff carbonate alteration common, 3% quartz carbonate veining mafic lapilli tuff as above, variably carbonate and clay altered, cut by 1% quartz carbonate veining rare pyrite

281.93 282.55 As above, mainly carbonate alteration of mafic lapilli tuff

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
282.55	283.77	QUARTZ VEIN Carbonatized mafic lapilli tuff cut by composite quartz calcite vein with abundant clasts of both vein material and carbonate altered lithic material, upper contact and lower contact both at 10 degrees to core axis, 90% veining, quartz is pale gray to white calcite is white, local buff carbonatized clasts, vein is clast -rich in the order of 75% clasts, at lower contact, a stringer of massive pyrite 4 millimetre wide is present	282.55	283.77	1.22	FX 483242	0.032	0.200	39.0	14.	2.	-
283.77	300.06	LAPILLI TUFF Typical mafic lapilli tuff of the Nicola, variably carbonatized and clay altered 283.77 284.75 Footwall is buff colour and weakly carbonatized, 284.75 287.79 As above, with variable buff yellow clay carbonate alteration, 3 zones of 10 centimetre fault gouge, 1% quartz carbonate veining 287.79 290.56 As above, with 4 zones of gouge, 3 are about 5 centimetre and one in lower part of interval is 50 centimetre, pale green clay and minor carbonate alteration, cut by quartz carbonate vein parallel to core axis up to 1 centimetre thick, and 2 other quartz carbonate veins 2 and 3 centimetre thick at 45 degrees to core axis	283.77	284.75	0.98	FX 483243	0.034	0.100	55.0	32.	1.	-
			284.75	287.79	3.04	FX 483244	0.005	0.100	2.0	107.	1.	-
			287.79	290.56	2.77	FX 483245	0.174	0.100	239.0	69.	1.	-
			290.56	293.35	2.79	FX 483246	0.004	0.100	16.0	227.	1.	-
			293.35	296.17	2.82	FX 483247	0.009	0.100	37.0	186.	1.	-
			296.17	297.87	1.70	FX 483248	0.007	0.200	54.0	132.	1.	-
			297.87	300.06	2.19	FX 483249	0.007	0.100	44.0	30.	1.	-

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DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		290.56 293.35 As above with carbonatized interval 70 centimetre long in middle of interval, rest of interval is coherent chlorite and clay altered mafic lapilli tuff, cut by 2% quartz carbonate veining										
		293.35 296.17 Upper third of interval is moderately shear with abundant clay alteration and gouge from upper contact to 294.13, rest of interval is coherent and variably carbonate altered, cut by 1% calcite hematite veining										
		296.17 297.87 As above pale green to buff moderate carbonate alteration, 50 centimetre of gouge in the middle of interval, cut by 2% carbonate veining										
		297.87 300.06 As above but intensely altered to ankerite and calcite, cut by quartz calcite veins up to 3 centimetres thick with angle to core axis of 30 degrees near upper contact, rock is buff to pink, with irregular patchy calcite veins common, 4% veining										
300.06	300.48	STOCKWORK										
		This is stockwork of carbonatized ankerite altered host rock cut by white gray cryptocrystalline quartz veins, overall creamy buff, 15% veining, Comment - this is probably a highly fractured shear lens within the overall carbonatized zone.	300.06	300.48	0.42	FX 483250	0.006	0.100	26.0	32.	1.	-
300.48	350.48	LAPILLI TUFF										
		300.48 303.43 Buff carbonate altered mafic	300.48	303.43	2.95	FX 483251	0.007	0.100	42.0	21.	1.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		lapilli tuff, foliation locally	303.43	306.32	2.89	FX 483252	0.002	0.100	17.0	310.	1.	-
		parallel to core axis, lensy clay	306.32	309.32	3.00	FX 483253	0.003	0.300	20.0	94.	2.	-
		pyrite alteration locally present, 3	309.32	312.36	3.04	FX 483254	0.004	0.100	21.0	157.	1.	-
		centimetre ankerite calcite vein at 35	312.36	314.32	1.96	FX 483255	0.007	0.200	22.0	97.	1.	-
		degrees to core axis, 1% veining	314.32	315.00	0.68	FX 483256	0.003	0.100	5.0	126.	1.	-
303.43	306.32	As above, buff colour,	315.00	318.00	3.00	FX 483257	0.006	0.100	17.0	101.	1.	-
		carbonatized, some crushed rock with	318.00	320.60	2.60	FX 483258	0.207	0.100	32.0	184.	1.	-
		gouge throughout	320.60	323.36	2.76	FX 483259	0.006	0.300	23.0	177.	1.	-
306.32	309.32	As above but more abundant	323.36	324.30	0.94	FX 483260	0.006	0.200	13.0	149.	1.	-
		clay pyrite alteration, some lensy	324.30	325.53	1.23	FX 483261	0.005	0.200	16.0	200.	1.	-
		massive pyrite several millimeters	325.53	328.53	3.00	FX 483262	0.005	0.100	16.0	178.	1.	-
		thick and a few centimeters long, lower	328.53	331.49	2.96	FX 483263	0.007	0.100	16.0	198.	1.	-
		third of interval is a moderately	331.49	334.85	3.36	FX 483264	0.003	0.200	13.0	172.	1.	-
		sheared and may indicate a fault cut by	334.85	337.85	3.00	FX 483265	0.005	0.400	6.0	242.	1.	-
		quartz carbonate veins up to 2	337.85	340.97	3.12	FX 483266	0.007	0.100	32.0	327.	1.	-
		centimetre thick, 1% patchy veining	340.97	344.00	3.03	FX 483267	0.007	0.200	13.0	132.	1.	-
309.32	312.36	As above but with gray clay	344.00	346.94	2.94	FX 483268	0.005	0.100	9.0	292.	1.	-
		and minor pyrite alteration, carbonate	346.94	350.48	3.54	FX 483269	0.007	0.100	22.0	41.	1.	-
		alteration common, rock is crushed										
		along fractures throughout										
312.36	314.32	Carbonate and clay pyrite										
		altered mafic lapilli tuff, cut by										
		patchy irregular white quartz carbonate										
		veins up to 2 centimetre thick, 3%										
		veining										
314.32	315.00	Intensely silicified and										
		carbonatized mafic lapilli tuff,										
		fractured and quartz calcite veins up										
		to 1 centimetre thick along fractures,										
		milky white colour, 5% veining										
315.00	318.00	Gray clay pyrite altered										
		mafic lapilli tuff, with one minor band										
		of carbonatized tuff at 315.47 metres										

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

to 315.57 metres, cut by quartz carbonate veins irregular up to 2 centimetre thick, 1% veining Comment, this gray clay pyrite alteration mainly affects the matrix of the mafic lapilli tuff and the amount of pyrite varies, but commonly is in the order of 1% to 2% and very fine grained

318.00 320.60 Mafic crystal lapilli tuff with gray clay pyrite alteration in upper half of interval and pale green chlorite and carbonatized lower half, cut by 1% quartz carbonate veins up to 1 centimetre thick

320.60 323.36 As above with mixture of green clay carbonate alteration and gray clay pyrite alteration, weak to moderate quartz carbonate vein stockwork up to 5 millimetre thick, 3% veining

323.36 324.30 As above, 2% quartz carbonate vein

324.30 325.53 As above cut by quartz carbonate vein up to 4 centimetre thick with angle to core axis of 30 degrees, local crude banding in vein, 15% veining

325.53 328.53 Crystal mafic lapilli tuff with patchy gray clay pyrite alteration cut by weak to moderate quartz calcite vein stockwork up to 1 centimetre thick, 2% veining includes a brown calcite quartz vein at 40 degrees to

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DRILL LOG

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

core axis
328.53 331.49 As above with quartz carbonate vein up to 3 centimetre thick with angle to core axis of 30 degrees, 3% veining
331.49 334.85 As above cut by quartz carbonate vein up to 4 centimetre thick, angle to core axis of 45 degrees, mainly pale green chlorite calcite alteration with some gray clay rare pyrite alteration, 4% veining
334.85 337.85 Mafic lapilli tuff, pale green, with local minor patchy gray clay pyrite alteration with irregular quartz carbonate veins up to 5 centimetre thick with angle to core axis of 45 degrees, 5% veining
337.85 340.97 Buff carbonatized mafic lapilli tuff, cut by weak quartz carbonate stockwork up to 1 centimetre thick, 4% veining, vuggy, as is interval above
340.97 344.00 Mafic lapilli tuff with gray clay pyrite alteration common, cut by quartz carbonate veins up to 4 centimetre thick with angle to core axis of 45 degrees, locally vuggy, leached out vugs, 6% veining Comment quartz may be associated and part of the clay pyrite alteration process, the rock appears to be locally moderately brecciated
344.00 346.94 As above with slightly less

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		clay pyrite alteration, quartz carbonate vein up to 10 centimetre thick with angle to core axis of 45 degrees, 6% veining										
		346.94 350.48 Pale green to buff carbonatized and clay altered mafic lapilli tuff, pale green to buff, cut by quartz calcite minor pyrite veins up to 3 centimetre thick, with angle to core axis of 45 degrees, vuggy, 7% veining										
350.48	353.46	QUARTZ VEIN										
		This is a pale gray cryptocrystalline quartz vein split into two intervals, top most interval is mainly vein material and lower interval has more host rock material	350.48	352.04	1.56	FX 483270	0.005	0.200	19.0	125.	2.	-
			352.04	353.46	1.42	FX 483271	0.004	0.200	56.0	63.	1.	-
		350.48 352.04 At the contact of vein is at angle of 10 degrees to core axis, but internal angles within the vein suggest 20 degrees, dark gray pyrite quartz vein breccia is cut by a white to colourleess quartz vein breccia with calcite matrix clasts in vein are quartz pyrite vein material, lithic, and totally silicified and clay altered, 90% veining										
		352.04 353.46 As above but this is the foot wall zone of the vein and locally it appears to be parallel to the core axis, still brecciated with vein and clast material vein breccia at lower contact has an internal fluxion										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		foliation of 35 degrees to the core axis, 15% vein material										
353.46	356.65	LAPILLI TUFF										
		Mafic crystal mafic lapilli tuff as above, pale green, with gray clay pyrite alteration, cut by quartz carbonate vein up to 1 centimetre thick, 2% veining	353.46	356.65	3.19	FX 483272	0.004	0.100	46.0	188.	1.	-
356.65	358.72	QUARTZ CARBONATE VEIN										
		Composite quartz vein consists of two interval and quartz colours range from colourless to gray to white to dark gray, to cryptocrystalline milky gray, clasts of silicified or clay altered lithic material and vein material are common, this vein appears to have a banded upper portion and a lower portion made of breccia	356.65	357.62	0.97	FX 483273	0.004	0.400	8.0	113.	2.	-
			357.62	358.72	1.10	FX 483274	0.004	0.100	8.0	124.	1.	-
		356.65 357.62 Upper half of quartz vein has some crude banding on the scale of 1 to several centimeters thick, upper contact and banding are at angles of 40 degrees to core axis, calcite forms one zone within this vein, 95% vein material										
		357.62 358.72 Quartz vein breccia as above, with abundant clasts, vuggy, and gray milky cryptocrystalline quartz matrix is common, no banding as in upper interval, 60% vein material, clasts are either clay altered or silicified										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
358.72	361.55	LAPILLI TUFF Carbonatized and clay pyrite altered highly brecciated mafic lapilli tuff cut by quartz carbonate veins up to 3 centimetre thick, colour is pale green to buff to locally pink	358.72	361.55	2.83	FX 483275	0.005	0.100	3.0	264.	1.	-
361.55	362.18	BRECCIA Clasts of calcite and quartz vein material and carbonatized lithic clasts are enclosed in a calcite matrix, clasts are equant, almost clast supported, 30% matrix	361.55	362.18	0.63	FX 483276	0.004	0.100	3.0	824.	1.	-
362.18	363.35	LAPILLI TUFF This is a carbonatized and clay pyrite altered mafic lapilli tuff, highly fractured and cut by quartz carbonate vein, 6% veining	362.18	363.35	1.17	FX 483277	0.005	0.100	2.0	148.	1.	-
363.35	363.71	QUARTZ CARBONATE VEIN Gray cryptocrystalline quartz is cut by a calcite rock flour and vein breccia at lower contact, vein angles of 30 degrees to core axis, both vein material and lithic clasts, 90% veining	363.35	363.71	0.36	FX 483278	0.004	0.200	5.0	216.	1.	-
363.71	364.13	FAULT Fault breccia with lithic and rare vein material clasts in chlorite clay and rock flour gouge matrix, fault foliation difficult to determine but probably 70 degrees to core axis	363.71	364.13	0.42	FX 483279	0.004	0.500	20.0	65.	1.	-
364.13	369.42	LAPILLI TUFF Variable carbonatized mafic	364.13	366.61	2.48	FX 483280	0.001	0.100	14.0	149.	1.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		lapilli tuff	366.61	369.42	2.81	FX 483281	0.005	0.300	143.0	31.	1.	-
		364.13 366.61 As above, cut by quartz carbonate vein up to 2 centimetre thick, vuggy with open space cockade texture, 6% veining										
		366.61 369.42 As above, cut by quartz carbonate vein breccia more than 4 centimetres thick, broken core common, mislatch at lower contact, 6% veining, abundant broken core at lower contact										
369.42	370.91	QUARTZ CARBONATE VEIN										
		Vein breccia with cryptocrystalline quartz, silicified and clay altered lithic clasts and vein material clasts, last period of veining is calcite, lower contact and crude interior banding at angle of 45 degrees to core axis, 1% pyrite, 60% vein material, vuggy	369.42	370.91	1.49	FX 483282	0.006	0.100	7.0	85.	1.	-
370.91	391.56	LAPILLI TUFF										
		Mafic crystal lapilli tuff of the Nicola	370.91	373.32	2.41	FX 483283	0.002	0.200	9.0	79.	1.	-
			373.32	376.43	3.11	FX 483284	0.004	0.300	4.0	79.	1.	-
		370.91 373.32 Gray clay pyrite altered lapilli tuff cut by quartz carbonate veins up to 1 centimetre thick, angle to core axis 45 degrees, 2% veining	376.43	378.87	2.44	FX 483285	0.003	0.300	7.0	94.	1.	-
			378.87	380.34	1.47	FX 483286	0.012	0.400	5.0	68.	1.	-
			380.34	382.66	2.32	FX 483287	0.004	0.200	2.0	24.	1.	-
			382.66	385.47	2.81	FX 483288	0.015	0.600	3.0	333.	1.	-
		373.32 376.43 As above	385.47	388.74	3.27	FX 483289	0.006	0.400	9.0	236.	1.	-
		376.43 378.49 As above with gray clay pyrite alteration common along with some buff	388.74	391.56	2.82	FX 483290	0.338	0.600	589.0	55.	1.	-
		Carbonate alteration, cut by 2% quartz carbonate veins up to 1 centimetre thick										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
378.49	380.34	As above but a mixture of pale green locally brecciated but Mainly schistose gray clay sericite chlorite pyrite schist cut by quartz carbonate veins with irregular Angles and up to 5 centimetre thick with angle to core axis of 40 degrees, schist foliation at 60 degrees to core axis, schist is contorted, 20% veining										
380.34	382.66	Mafic lapilli tuff as above, abundant broken core, several fault gouges in places, cut by 2% quartz carbonate vein										
382.66	385.47	As above, but locally brecciated and intensely veined, quartz carbonate veins up to 6 centimetre thick, with abundant lithic clasts, sub parallel to core axis, 15% veining										
385.47	388.74	Lapilli tuff as above, pale green, chlorite altered, cut by 1% quartz carbonate vein up to 1 centimetre thick with angle to core axis of 35 degrees										
388.74	391.56	Broken core common, chlorite clay altered mafic lapilli tuff, cut by less than 1% quartz carbonate vein up to a few millimeters thick										
391.56	398.12	FAULT										
		This fault consists of	391.56	394.72	3.16	FX 483291	0.056	0.400	45.0	78.	3.	-
		locally highly sheared, brecciated	394.72	398.12	3.40	FX 483292	0.038	0.900	100.0	29.	2.	-
		mafic lapilli tuff cut by lensy quartz carbonate veins, with local coherent										

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		shear lenses										
		391.56 394.72 As above, with quartz carbonate vein 11 centimetre thick with angle to core axis of 35 degrees, 6% veining										
		394.72 398.12 As above, with quartz carbonate pyrite veining up to 3 centimetre thick, lensy and concordant to foliation, 4% veining										
398.12	403.37	LAPILLI TUFF										
		Dark green typical mafic	398.12	400.81	2.69	FX 483293	0.005	0.200	3.0	55.	1.	-
		lapilli tuff of the Nicola, mafic	400.81	403.37	2.56	FX 483294	0.023	0.200	3.0	57.	1.	-
		phenocryst -rich as above, cut by quartz calcite hematite veining up to 5 millimetre thick, parallel to core axis, 1% veining, coherent										
		400.81 403.37 As above										
403.37	408.85	FAULT										
		This is a fault zone with	403.37	406.03	2.66	FX 483295	0.006	0.500	71.0	59.	1.	-
		abundant fault breccia with gouge clay	406.03	408.85	2.82	FX 483296	0.002	0.700	444.0	15.	1.	-
		chlorite and rock flour matrix and local coherent shear lenses in the order of several tens of centimeters										
		403.37 406.03 As above, 1% quartz carbonate vein										
		406.03 408.85 As above										
408.85	421.11	LAPILLI TUFF										
		Typical crystal rich mafic	408.85	411.85	3.00	FX 483297	0.006	0.400	171.0	27.	1.	-
		lapilli tuff of the Nicola	411.85	415.05	3.20	FX 483298	0.006	0.500	21.0	23.	1.	-
		408.85 411.85 Quartz carbonate vein at 7	415.05	417.78	2.73	FX 483299	0.004	0.800	5.0	109.	1.	-
		centimetre thick at 45 degrees to core axis, also some quartz carbonate vein at upper contact and local brecciation	417.78	421.11	3.33	FX 483300	0.005	0.500	4.0	27.	1.	-

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM	%MIN
		along some fractures, rock is dark green and chlorite altered, 4% veining, and rock is moderately fractured										
	411.85	415.05 Lapilli tuff as above, with local fault breccia in several places cut by quartz carbonate vein, 3% veining										
	415.05	417.78 Coherent lapilli tuff as above, cut by weak stockwork of quartz carbonate veins up to 1 centimetre thick, 4% veining										
	417.78	421.11 Dark green, coherent as above, some epidote alteration throughout, cut by quartz carbonate vein, 4% veining										
421.11	425.20	FAULT										
		This fault zone consists of fault breccia with clay chlorite and rock flour matrix, rare vein material clasts	421.11	423.28	2.17	FX 483301	0.004	0.100	11.0	75.	1.	-
	421.11	423.28 As above, gray green, no preferred orientation of clasts but appears to be high angle to core axis	423.28	425.20	1.92	FX 483302	0.005	0.100	20.0	41.	1.	-
	423.28	425.20 As above										
		FOOT OF HOLE AT 425.20										
		Comment, the rocks at the bottom part of the hole are relatively unaltered compared to the extensive carbonate clay alteration throughout the middle and lower part of the hole. the alteration zone appears to have been sub parallel to the inclination of the borehole										

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Epi-Gnome, BC

BH 72487
FX 413895-414000
483001-006

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: JUN 28 1989 DATE REPORT MAILED: July 5/89 SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

INCO GOLD COMPANY File # 89-1777 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 413895	1	31	16	17	.1	20	20	37	1.15	45	5	ND	2	136	1	2	2	17	.49	.002	8	22	.74	353	.01	6	1.62	.06	.09	1	6
FX 413896	1	73	7	51	.1	29	22	1337	4.92	43	5	ND	1	138	1	2	2	43	.88	.011	24	63	1.32	334	.01	6	1.92	.04	.15	1	7
FX 413897	1	43	9	26	.1	33	18	174	1.71	23	5	ND	1	172	1	2	2	22	.76	.006	20	30	1.17	18	.01	6	2.02	.05	.07	1	6
FX 413898	1	63	8	75	.1	34	41	4731	11.19	10	5	ND	1	119	1	2	2	48	1.27	.016	20	37	1.36	29	.01	7	1.44	.03	.11	1	2
FX 413899	1	152	2	57	.1	23	18	445	4.08	9	5	ND	1	155	1	2	2	66	1.24	.059	10	95	1.49	8	.01	2	2.16	.04	.36	1	1
FX 413900	1	137	3	57	.1	22	19	363	3.58	10	5	ND	1	421	1	2	2	57	2.51	.067	4	105	1.33	45	.01	3	1.93	.03	.29	1	4
FX 413901	1	142	9	72	.1	30	29	655	4.17	11	5	ND	1	313	1	2	2	56	3.31	.056	4	81	1.17	12	.05	4	1.32	.03	.11	1	5
FX 413902	1	143	7	77	.1	43	31	796	5.42	5	5	ND	1	229	1	2	2	81	1.68	.059	4	127	1.61	19	.01	9	2.18	.04	.11	1	4
FX 413903	1	143	5	81	.2	53	40	1642	5.82	20	5	ND	1	179	1	2	2	108	2.16	.059	4	141	1.97	37	.01	8	2.66	.04	.06	1	1
FX 413904	1	153	6	92	.1	57	38	788	6.00	13	5	ND	1	158	1	2	2	112	2.11	.072	4	140	2.76	10	.01	2	3.16	.03	.04	1	8
FX 413905	1	125	2	74	.1	41	32	1690	5.08	7	5	ND	1	130	1	2	4	84	6.68	.048	2	124	2.51	8	.07	2	2.58	.02	.06	1	4
FX 413906	1	161	4	66	.1	37	27	1324	4.43	8	5	ND	1	118	1	2	2	77	6.98	.060	2	109	2.33	28	.09	2	2.34	.02	.05	1	4
FX 413907	1	139	7	60	.1	35	24	927	4.03	6	5	ND	1	86	1	2	3	76	4.39	.047	2	96	2.32	10	.18	8	2.42	.02	.08	1	4
FX 413908	1	97	2	67	.2	41	30	1688	4.96	6	5	ND	1	217	1	2	2	98	7.39	.060	5	138	2.38	24	.01	2	2.78	.02	.07	1	2
FX 413909	1	104	3	60	.1	39	26	1317	4.11	4	5	ND	1	204	1	2	2	76	6.59	.050	3	121	2.28	20	.11	5	2.46	.02	.07	1	3
FX 413910	1	144	3	73	.1	42	30	1751	4.81	9	5	ND	1	142	1	2	2	78	7.30	.061	5	131	2.67	11	.01	7	3.05	.02	.09	1	4
FX 413911	1	102	8	73	.2	47	28	1032	4.51	16	5	ND	1	112	1	2	2	102	6.31	.041	2	133	3.01	70	.16	6	2.88	.02	.04	1	6
FX 413912	1	107	2	67	.1	46	28	865	4.45	10	5	ND	1	103	1	2	2	84	4.03	.039	2	138	3.05	26	.17	3	2.93	.02	.06	1	5
FX 413913	1	119	5	59	.2	41	24	866	4.03	18	5	ND	1	110	1	2	2	95	6.12	.041	2	139	3.05	14	.17	6	2.74	.02	.04	1	6
FX 413914	1	135	3	63	.1	45	26	913	4.36	14	5	ND	1	98	1	2	2	96	5.64	.041	2	165	3.21	11	.15	5	2.82	.02	.04	1	1
FX 413915	1	80	5	65	.2	61	30	1110	4.46	18	5	ND	1	132	1	2	2	93	5.98	.084	6	238	2.71	9	.10	3	2.52	.02	.03	1	3
FX 413916	1	132	3	75	.1	50	30	976	4.91	17	5	ND	1	130	1	2	2	99	5.11	.034	2	163	3.67	30	.14	4	3.29	.02	.04	1	9
FX 413917	1	101	6	76	.4	56	32	1513	5.25	56	5	ND	1	143	1	2	2	106	7.27	.032	6	152	3.56	3	.01	3	3.55	.03	.04	1	4
FX 413918	1	119	2	65	.1	46	29	1320	4.84	26	5	ND	1	113	1	2	2	99	6.29	.041	3	141	3.17	13	.12	3	3.08	.02	.06	1	2
FX 413919	1	150	5	83	.1	52	39	675	6.49	81	5	ND	1	119	1	2	2	151	1.87	.038	3	186	3.86	7	.01	2	4.23	.04	.06	1	8
FX 413920	1	119	2	79	.2	59	37	1101	6.05	56	5	ND	1	125	1	2	2	143	3.95	.049	5	167	3.71	8	.03	4	3.73	.03	.05	1	3
FX 413921	1	134	3	58	.2	39	24	1070	3.94	10	5	ND	1	83	1	2	2	81	3.86	.042	2	106	2.83	5	.19	2	2.70	.01	.05	1	1
FX 413922	1	131	6	68	.3	44	25	1389	4.57	16	5	ND	2	128	1	2	2	104	5.37	.040	4	128	3.00	12	.14	5	3.08	.02	.06	1	5
FX 413923	1	163	4	111	.2	71	42	824	7.73	60	5	ND	1	74	1	2	2	188	1.02	.048	2	207	4.39	6	.01	5	4.64	.03	.04	1	5
FX 413924	21	211	2	22	.1	22	11	221	1.73	8	5	ND	1	27	1	2	2	45	.34	.014	2	52	.99	236	.01	2	.92	.01	.02	1	12
FX 413925	1	110	2	92	.3	61	40	1066	7.35	71	5	ND	1	96	1	2	2	172	1.86	.067	4	212	4.28	7	.01	2	4.63	.03	.03	1	5
FX 413926	1	173	6	60	.3	37	24	1433	4.44	21	5	ND	2	154	1	2	2	104	5.12	.075	11	142	2.49	8	.01	2	3.24	.03	.07	1	4
FX 413927	1	114	5	77	.2	50	33	1422	5.66	59	5	ND	1	134	1	2	2	127	5.15	.070	8	142	3.09	8	.01	4	3.65	.03	.07	1	3
FX 413928	1	164	3	85	.2	53	38	878	6.41	100	5	ND	1	108	1	2	2	138	2.24	.077	8	144	3.50	8	.01	4	4.10	.04	.09	1	6
FX 413929	1	140	3	66	.2	30	25	966	4.15	8	5	ND	1	75	1	2	2	80	3.47	.073	3	85	2.74	6	.18	2	2.70	.02	.13	1	6
FX 413930	1	120	8	78	.3	37	29	1046	5.33	24	5	ND	2	102	1	2	2	120	4.85	.073	5	107	2.94	9	.10	7	3.04	.02	.11	1	14
STD C/AU-R	18	62	43	133	6.7	67	31	1058	4.10	43	19	7	37	50	19	14	18	59	.51	.091	39	56	.91	177	.07	36	2.02	.06	.13	12	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 413931	1	103	10	79	.1	37	32	891	6.57	79	5	ND	1	109	1	2	4	145	4.92	.070	10	122	3.03	8	.01	2	3.26	.03	.07	2	17
FX 413932	2	256	5	27	.1	17	12	246	2.18	18	5	ND	1	39	1	3	5	56	1.40	.020	4	50	1.26	12	.01	3	1.13	.01	.04	4	7
FX 413933	1	75	11	77	.1	41	30	878	6.22	43	5	ND	1	135	1	2	2	163	5.84	.068	6	136	2.98	16	.02	2	3.33	.03	.05	1	1
FX 413934	1	176	7	90	.1	51	40	565	7.28	77	5	ND	1	85	1	2	3	187	1.47	.082	5	145	3.67	8	.01	2	3.81	.03	.05	1	8
FX 413935	1	124	18	88	.1	50	40	653	7.56	77	5	ND	1	100	1	3	2	166	1.77	.092	5	147	3.64	9	.01	6	4.04	.03	.09	1	3
FX 413936	1	186	16	72	.1	39	30	565	6.01	95	5	ND	1	104	1	4	3	150	1.23	.070	8	148	3.13	26	.01	9	3.38	.04	.09	1	8
FX 413937	1	123	9	81	.1	44	34	889	6.91	71	5	ND	1	120	1	14	4	155	3.72	.076	8	162	3.46	13	.01	3	3.73	.03	.09	1	3
FX 413938	1	137	8	68	.1	35	26	1057	4.67	14	5	ND	1	115	1	2	2	107	6.22	.078	4	148	2.97	17	.11	2	2.74	.02	.07	1	1
FX 413939	1	163	12	61	.2	23	20	775	4.32	18	5	ND	1	105	1	2	4	83	3.74	.084	8	113	2.22	13	.01	2	2.46	.03	.13	1	1
FX 413940	1	125	13	86	.1	42	35	1114	6.42	81	5	ND	1	129	1	2	2	141	4.21	.067	13	159	3.59	14	.01	2	3.73	.04	.22	1	1
FX 413941	1	112	5	76	.1	44	31	1027	5.82	48	5	ND	1	131	1	2	2	139	5.00	.066	7	160	2.97	9	.01	2	3.24	.03	.09	1	1
FX 413942	1	133	16	85	.1	49	37	577	7.52	141	5	ND	1	132	1	2	2	166	1.39	.091	6	183	3.37	18	.01	2	3.92	.05	.38	2	7
FX 413943	1	132	5	55	.1	28	22	768	3.85	9	5	ND	1	88	1	2	2	85	4.35	.068	2	110	2.27	22	.14	2	2.27	.02	.33	1	5
FX 413944	1	135	13	68	.1	34	28	988	5.20	35	5	ND	1	97	1	3	5	110	4.52	.067	5	123	2.85	38	.07	2	2.85	.02	.19	1	1
FX 413945	1	90	11	70	.1	34	29	1515	5.50	28	5	ND	1	136	1	2	2	120	8.84	.052	5	124	3.53	71	.02	2	2.90	.03	.10	1	6
FX 413946	1	121	12	77	.1	37	29	1014	5.13	16	5	ND	1	118	1	2	2	114	5.55	.086	4	132	2.88	8	.09	4	2.77	.02	.10	1	6
FX 413947	1	90	10	92	.1	43	33	648	7.21	61	5	ND	1	125	1	2	2	145	1.91	.072	6	156	3.52	13	.01	5	3.75	.05	.11	1	6
FX 413948	1	145	6	58	.1	30	23	704	3.97	5	5	ND	1	77	1	2	3	77	3.19	.072	2	92	2.56	19	.15	5	2.39	.03	.29	1	2
FX 413949	1	133	6	60	.1	30	23	698	4.15	2	5	ND	1	83	1	2	2	77	3.03	.072	2	101	2.78	30	.15	6	2.47	.02	.27	1	2
FX 413950	1	138	2	50	.1	29	20	740	3.39	4	5	ND	1	87	1	2	2	66	3.33	.059	2	94	2.19	11	.15	4	2.02	.02	.17	1	1
FX 413951	1	109	6	54	.1	31	22	1234	4.13	26	5	ND	1	126	1	3	3	87	5.54	.065	5	128	2.29	10	.07	2	2.26	.02	.12	1	1
FX 413952	1	135	7	53	.1	31	21	786	3.58	2	5	ND	1	170	1	2	2	75	3.98	.066	3	108	2.27	18	.14	3	2.16	.02	.08	1	1
FX 413953	1	141	4	54	.2	30	23	1057	4.02	5	5	ND	1	117	1	2	2	96	5.93	.077	5	138	2.38	12	.12	2	2.33	.02	.12	1	1
FX 413954	1	97	6	89	.2	47	35	729	7.48	88	5	ND	1	115	1	2	2	159	3.41	.064	8	161	3.38	8	.01	2	3.52	.04	.12	1	10
FX 413955	1	293	15	75	.5	45	29	1241	5.41	50	5	ND	2	154	1	2	2	126	7.21	.066	7	153	2.69	10	.02	4	2.89	.03	.08	1	13
FX 413956	1	188	10	67	.1	39	29	877	5.06	46	5	ND	1	147	1	2	2	101	4.18	.082	8	162	2.89	6	.01	2	2.86	.04	.08	1	1
FX 413957	1	138	3	44	.1	23	19	816	3.11	2	5	ND	1	115	1	2	2	76	4.90	.079	5	128	2.19	7	.19	2	2.05	.02	.11	2	1
FX 413958	1	278	6	61	.4	29	25	1037	4.56	20	5	ND	1	128	1	2	2	91	5.34	.082	9	144	2.76	12	.05	2	2.52	.02	.18	1	8
FX 413959	1	137	10	74	.3	38	26	1128	5.06	21	5	ND	1	147	1	2	2	106	6.33	.072	8	150	2.55	9	.02	7	2.76	.03	.13	1	3
FX 413960	1	68	2	56	.1	33	26	997	4.75	52	5	ND	1	150	1	3	3	88	7.29	.039	6	82	2.21	24	.01	2	2.07	.03	.05	4	4
FX 413961	1	93	7	94	.1	58	41	593	7.55	60	5	ND	1	111	1	2	2	150	1.28	.073	4	143	3.84	9	.01	2	4.02	.04	.12	5	6
FX 413962	2	68	3	26	.2	22	14	373	2.74	38	5	ND	1	51	1	2	2	59	1.71	.022	6	53	1.26	139	.01	2	1.19	.01	.05	14	13
FX 413963	1	120	6	51	.1	38	24	768	3.93	9	5	ND	1	91	1	2	2	77	3.08	.067	5	139	2.61	16	.09	2	2.50	.02	.10	1	3
FX 413964	1	65	3	56	.1	38	26	882	4.88	21	5	ND	1	161	1	2	2	84	5.47	.063	7	129	3.57	6	.01	2	2.74	.04	.12	1	1
FX 413965	1	138	6	55	.2	36	25	832	4.18	2	5	ND	1	123	1	2	2	89	4.53	.069	5	125	2.70	18	.12	10	2.62	.02	.16	1	1
FX 413966	1	132	6	68	.3	37	32	778	5.76	7	5	ND	1	129	1	2	2	137	3.98	.068	6	133	3.72	146	.01	4	3.59	.03	.12	1	1
STD C/AU-R	18	63	39	132	6.9	68	31	1020	4.26	41	19	7	38	49	19	15	20	59	.52	.093	38	56	.92	178	.07	35	2.02	.06	.13	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 413967	1	108	11	81	.1	50	38	513	6.31	20	5	ND	1	99	1	2	3	129	1.49	.065	5	105	3.85	303	.01	2	3.51	.03	.11	1	2
FX 413968	1	122	5	53	.2	38	23	731	3.86	3	5	ND	1	125	1	2	2	85	3.87	.065	5	123	2.62	10	.15	2	2.49	.02	.17	1	1
FX 413969	1	112	4	60	.1	49	28	932	4.61	6	5	ND	1	204	1	2	4	107	6.25	.059	5	136	3.21	20	.09	2	2.93	.02	.17	1	1
FX 413970	1	108	3	44	.1	36	21	573	3.19	4	5	ND	1	101	1	2	2	67	2.94	.060	4	118	2.35	10	.15	2	2.21	.02	.13	1	1
FX 413971	1	68	6	48	.1	30	21	1279	3.75	16	5	ND	1	171	1	2	2	77	10.71	.037	4	91	4.16	38	.06	2	2.04	.01	.11	1	1
FX 413972	1	123	2	51	.1	33	24	593	3.71	5	5	ND	1	98	1	2	2	83	3.19	.067	3	112	2.62	17	.18	2	2.44	.02	.19	1	4
FX 413973	1	140	6	55	.1	30	24	643	3.88	7	5	ND	1	95	1	2	3	88	3.13	.079	3	114	2.79	21	.21	2	2.59	.02	.13	1	1
FX 413974	1	132	25	146	1.0	34	24	647	4.04	17	5	ND	1	103	4	2	3	85	2.95	.069	4	111	2.88	18	.17	5	2.65	.03	.07	1	19
FX 413975	1	122	4	50	.1	36	22	601	3.62	2	5	ND	1	100	1	2	2	74	2.81	.063	3	91	2.57	14	.17	2	2.40	.02	.09	1	1
FX 413976	1	132	2	59	.1	29	22	1087	4.62	13	5	ND	1	141	1	2	2	106	7.98	.067	4	96	2.90	9	.07	2	2.88	.02	.15	1	1
FX 413977	1	121	3	57	.1	25	25	839	4.15	14	5	ND	1	116	1	2	2	94	4.54	.072	2	88	2.80	20	.17	4	2.65	.02	.22	1	2
FX 413978	1	113	5	82	.2	37	25	1141	5.88	41	5	ND	1	118	1	2	2	118	4.22	.075	6	119	2.98	12	.05	2	3.11	.03	.21	1	1
FX 413979	1	132	5	55	.1	29	23	750	3.90	7	5	ND	1	122	1	2	2	89	3.57	.078	3	112	2.64	12	.16	2	2.52	.02	.23	1	1
FX 413980	1	118	8	71	.1	34	25	1061	4.47	11	5	ND	1	187	1	2	3	113	7.02	.073	4	115	3.06	18	.11	2	2.74	.03	.16	1	1
FX 413981	1	136	3	50	.1	26	23	616	3.72	5	5	ND	1	99	1	3	2	82	3.59	.075	2	101	2.36	14	.15	2	2.31	.02	.25	1	6
FX 413982	1	125	2	51	.2	28	21	911	3.76	7	5	ND	2	223	1	2	2	95	7.29	.071	3	106	2.63	51	.15	2	2.39	.02	.15	1	2
FX 413983	1	136	5	53	.2	27	23	684	3.86	5	5	ND	1	111	1	2	3	86	3.51	.078	2	107	2.49	17	.16	2	2.37	.02	.23	1	1
FX 413984	1	124	2	65	.1	27	19	1906	4.19	18	5	ND	1	421	1	2	2	82	11.69	.062	7	84	2.13	149	.02	2	2.35	.02	.16	1	2
FX 413985	1	135	8	63	.1	25	21	772	4.06	4	5	ND	1	130	1	2	2	94	3.66	.087	2	85	2.53	14	.16	2	2.57	.03	.25	1	4
FX 413986	1	119	6	64	.1	34	25	1291	4.93	20	5	ND	1	170	1	2	2	119	8.38	.067	5	110	2.85	43	.12	8	2.98	.02	.22	4	2
FX 413987	1	129	5	54	.2	29	24	921	4.19	11	5	ND	1	132	1	2	2	103	5.75	.072	3	102	2.64	22	.10	4	2.63	.02	.26	1	2
FX 413988	1	71	9	81	.2	42	33	1197	6.85	39	5	ND	1	163	1	2	2	121	5.26	.066	5	109	4.88	17	.01	2	3.41	.04	.20	5	2
FX 413989	1	126	4	66	.1	42	30	991	5.18	6	5	ND	1	184	1	2	2	127	6.14	.072	5	123	3.57	19	.03	2	3.21	.03	.15	1	4
FX 413990	1	127	3	62	.1	39	28	967	4.68	9	5	ND	2	170	1	2	2	105	5.27	.071	4	111	3.09	25	.08	4	3.00	.02	.19	1	1
FX 413991	1	151	3	65	.2	32	26	815	4.42	9	5	ND	1	137	1	2	2	96	3.76	.077	4	101	3.17	12	.14	4	2.90	.02	.17	1	3
FX 413992	1	77	5	64	.1	44	25	1523	4.81	26	5	ND	1	154	1	2	2	87	9.11	.053	6	126	2.71	10	.02	2	2.57	.02	.13	1	1
FX 413993	1	130	2	60	.1	27	22	684	4.05	4	5	ND	1	135	1	2	2	89	3.36	.075	3	93	2.90	24	.15	5	2.69	.02	.16	1	2
FX 413994	1	126	3	57	.1	31	24	762	4.26	4	5	ND	1	161	1	2	3	100	4.18	.078	3	107	2.95	16	.15	2	2.65	.02	.15	1	1
FX 413995	1	122	8	67	.3	19	22	819	4.48	2	5	ND	1	138	1	2	2	105	3.92	.100	3	64	2.74	75	.10	3	2.75	.03	.09	1	2
FX 413996	1	83	8	92	.2	42	29	761	6.83	49	5	ND	1	145	1	3	2	139	4.77	.081	4	129	3.58	11	.01	2	3.49	.03	.12	5	1
FX 413997	1	137	7	63	.1	30	28	1104	4.96	6	5	ND	1	168	1	2	2	120	7.15	.087	5	123	3.15	19	.04	4	3.07	.02	.19	1	2
FX 413998	1	91	6	47	.3	23	19	1492	3.83	12	5	ND	1	244	1	2	2	94	15.93	.060	6	87	2.28	16	.01	2	2.62	.03	.18	3	2
FX 413999	1	114	7	54	.2	30	27	829	4.39	6	5	ND	1	136	1	2	2	103	4.91	.075	2	102	2.83	25	.13	2	2.58	.02	.21	1	3
FX 414000	1	103	7	52	.3	30	26	1281	4.60	7	5	ND	2	165	1	3	2	105	9.25	.069	5	81	3.16	24	.01	2	2.42	.02	.15	1	2
FX 483001	1	137	4	54	.2	26	23	728	3.87	2	5	ND	1	143	1	2	2	93	4.71	.084	5	94	2.54	31	.17	2	2.31	.02	.26	1	5
FX 483002	1	139	2	56	.2	30	24	925	4.21	11	5	ND	1	160	1	3	2	103	6.30	.092	7	96	2.60	20	.12	4	2.37	.02	.29	1	1
STD C/AU-R	18	61	39	132	6.6	68	31	1011	4.10	37	19	7	37	49	18	14	23	59	.52	.090	38	56	.92	173	.07	33	1.98	.06	.13	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 483003	1	145	3	67	.1	26	21	693	4.41	2	5	ND	1	123	1	2	2	95	2.91	.102	6	84	2.75	51	.17	3	2.32	.02	.26	1	3
FX 483004	1	131	3	71	.1	24	20	703	4.04	4	5	ND	1	150	1	4	2	91	3.79	.097	5	65	2.48	45	.14	7	2.27	.02	.16	1	4
FX 483005	1	24	2	36	.1	12	10	1818	2.71	15	5	ND	1	677	1	2	2	40	20.97	.026	5	30	1.56	417	.01	6	.91	.01	.09	9	4
FX 483006	1	108	6	78	.3	30	23	982	4.78	2	5	ND	1	157	1	4	2	110	5.58	.090	7	90	2.88	25	.13	3	2.41	.02	.42	1	3

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Epi, B.C.
BH 72487
FX 483007-57

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: JUL 5 1989 DATE REPORT MAILED: July 11/89 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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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 483007	1	141	2	67	.1	29	23	861	4.31	8	5	ND	1	193	1	2	3	107	4.57	.083	6	94	3.07	63	.13	5	2.73	.02	.45	1	3
FX 483008	1	154	10	86	.1	35	27	1072	5.01	4	5	ND	2	208	1	2	2	133	5.76	.097	8	122	3.13	29	.06	2	3.31	.02	.53	1	2
FX 483009	1	156	7	80	.1	37	30	966	6.25	48	5	ND	1	146	1	2	3	173	4.70	.095	8	120	3.76	18	.01	2	4.40	.03	.39	2	10
FX 483010	1	152	7	94	.1	50	39	1080	6.66	169	5	ND	2	151	1	6	2	161	4.47	.105	7	154	3.86	17	.01	3	4.61	.04	.31	2	4
FX 483011	1	145	8	70	.1	40	31	1237	5.36	21	5	ND	1	214	1	2	3	136	6.78	.093	5	147	3.03	12	.05	6	3.21	.02	.22	1	4
FX 483012	1	131	9	74	.1	36	28	1359	5.89	9	5	ND	2	233	1	2	4	166	7.97	.070	6	178	3.53	11	.01	3	3.74	.03	.23	1	5
FX 483013	1	131	8	71	.1	35	27	1201	5.70	23	5	ND	3	181	1	2	2	155	7.32	.071	6	151	3.50	11	.05	10	3.35	.02	.24	2	3
FX 483014	1	126	11	71	.1	40	33	904	6.55	196	5	ND	2	134	1	25	2	145	4.66	.081	7	134	3.35	10	.01	3	3.91	.04	.23	2	9
FX 483015	1	141	8	79	.1	38	33	1051	6.06	24	5	ND	2	134	1	2	2	160	5.11	.089	6	145	3.56	6	.01	2	4.06	.03	.15	1	8
FX 483016	1	145	5	79	.1	38	30	1118	6.06	25	5	ND	2	166	1	2	2	160	5.43	.094	6	143	3.71	10	.01	5	4.34	.03	.25	1	4
FX 483017	1	119	6	54	.1	33	29	1006	4.94	16	5	ND	3	170	1	2	2	121	9.53	.089	8	121	3.13	8	.01	4	3.14	.03	.20	2	6
FX 483018	1	94	7	48	.1	24	21	848	4.08	14	5	ND	2	190	1	2	2	106	11.25	.068	6	106	2.99	3	.01	3	2.73	.02	.12	3	3
FX 483019	1	136	12	82	.1	45	31	1020	6.11	14	5	ND	2	156	1	2	2	164	6.50	.103	7	178	4.21	8	.01	5	4.35	.03	.15	2	5
FX 483020	1	125	10	79	.1	47	33	1090	6.87	120	5	ND	2	131	1	6	2	153	5.97	.101	7	154	3.83	5	.01	2	4.08	.02	.12	2	5
FX 483021	1	105	10	47	.1	33	24	842	4.57	8	5	ND	2	153	1	2	2	107	9.17	.085	4	131	2.65	11	.08	2	2.32	.01	.05	2	8
FX 483022	1	129	8	55	.1	35	26	717	4.58	10	5	ND	1	105	1	2	2	100	4.60	.083	3	122	3.20	22	.15	2	2.78	.02	.10	2	8
FX 483023	1	135	8	65	.1	29	26	704	4.74	11	5	ND	1	99	1	2	2	101	2.96	.078	3	82	3.18	13	.16	3	3.07	.02	.13	1	5
FX 483024	1	149	5	75	.1	29	26	1010	5.57	98	5	ND	2	151	1	2	4	137	5.63	.070	6	91	3.49	8	.04	2	3.79	.02	.10	1	13
FX 483025	1	133	9	68	.1	40	27	892	5.02	11	5	ND	2	119	1	2	5	132	4.96	.080	4	151	3.75	10	.14	2	3.38	.02	.15	1	3
FX 483026	1	126	8	59	.1	41	29	812	4.85	69	5	ND	1	114	1	3	2	124	4.90	.085	4	130	3.21	8	.10	3	3.00	.02	.11	1	4
FX 483027	1	123	6	64	.1	40	27	891	4.70	42	5	ND	2	110	1	2	2	112	5.55	.102	4	115	3.20	7	.12	3	3.07	.02	.18	1	6
FX 483028	1	131	5	59	.1	36	24	780	4.61	7	5	ND	2	104	1	2	2	118	5.30	.082	3	133	3.58	16	.19	2	2.95	.03	.22	1	6
FX 483029	1	136	11	76	.1	27	26	961	5.51	17	5	ND	2	135	1	2	2	146	6.10	.070	5	83	3.45	7	.06	2	3.52	.02	.12	1	5
FX 483030	1	150	5	84	.1	18	27	840	6.01	16	5	ND	1	86	1	2	2	141	3.36	.077	5	20	2.87	14	.24	4	3.07	.03	.15	2	6
FX 483031	1	195	4	88	.2	17	24	912	5.32	11	5	ND	3	167	1	2	2	122	4.68	.211	9	52	3.08	18	.11	2	3.01	.02	.43	1	5
FX 483032	1	244	5	88	.1	19	26	824	5.42	8	5	ND	2	168	1	2	2	119	3.90	.232	10	57	2.97	23	.12	5	3.18	.02	.67	2	3
FX 483033	3	255	8	82	.1	20	25	817	4.86	38	5	ND	2	151	1	2	2	92	4.72	.165	6	56	3.10	6	.06	22	3.36	.01	.13	1	3
FX 483034	1	140	5	68	.1	47	26	837	4.85	18	5	ND	2	134	1	2	2	134	5.08	.071	4	154	3.69	14	.19	3	3.14	.03	.23	1	6
FX 483035	1	134	9	69	.1	40	27	918	5.13	6	5	ND	2	98	1	2	2	116	4.92	.086	3	116	3.72	13	.14	8	3.30	.02	.24	1	6
FX 483036	1	153	4	80	.1	36	30	912	6.24	10	5	ND	1	176	1	2	4	170	5.03	.082	7	99	4.48	9	.01	2	4.75	.04	.20	1	2
FX 483037	1	110	5	65	.1	52	26	979	5.25	19	5	ND	3	170	1	2	2	129	7.50	.086	7	131	4.48	10	.01	2	3.62	.04	.15	1	3
FX 483038	1	127	7	59	.1	107	28	991	4.78	13	5	ND	2	164	1	2	2	113	7.08	.086	6	215	4.27	139	.05	2	3.12	.03	.11	1	4
FX 483039	1	130	4	61	.1	201	34	842	5.12	13	5	ND	1	136	1	2	5	138	5.92	.061	7	373	5.82	11	.01	6	4.39	.02	.05	1	4
FX 483040	1	140	7	72	.1	77	28	814	5.58	12	5	ND	2	189	1	2	2	140	6.19	.107	8	171	4.75	12	.01	2	4.13	.04	.12	1	2
FX 483041	1	68	4	41	.1	78	18	1221	3.11	7	5	ND	2	355	1	2	2	86	15.55	.055	6	143	3.00	4	.01	2	2.42	.02	.04	1	4
FX 483042	1	120	2	65	.1	195	36	985	5.41	6	5	ND	2	168	1	2	3	133	5.23	.076	6	321	5.51	37	.01	2	4.22	.03	.05	1	3
STD C/AU-R	18	61	38	132	6.5	68	30	1042	4.07	38	20	8	37	49	18	15	16	58	.52	.087	38	56	.91	172	.07	35	2.02	.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 483043	1	117	9	57	.3	237	36	815	4.96	13	5	ND	3	158	1	2	2	129	6.73	.057	6	399	5.90	12	.01	5	3.93	.02	.04	1	8
FX 483044	1	62	8	34	.2	117	20	438	3.41	12	5	ND	2	131	1	2	2	69	5.75	.024	2	188	3.65	258	.01	6	1.83	.02	.04	2	1
FX 483045	1	114	12	45	.1	197	34	783	4.06	10	5	ND	2	212	1	2	2	83	5.56	.049	4	336	4.64	24	.10	4	3.16	.02	.04	2	4
FX 483045A	1	123	8	49	.2	207	34	761	4.40	10	5	ND	2	179	1	2	2	99	4.80	.046	4	349	5.14	15	.09	2	3.40	.03	.03	1	2
FX 483046	1	113	9	52	.1	208	34	946	4.59	18	5	ND	2	139	1	3	2	96	5.41	.051	5	327	5.26	163	.02	6	2.98	.03	.04	1	2
FX 483047	1	52	3	31	.1	69	15	558	2.76	39	5	ND	2	176	1	3	2	54	7.84	.031	2	109	3.75	33	.01	2	.82	.01	.05	2	7
FX 483048	1	108	10	45	.1	154	27	869	4.12	25	5	ND	2	138	1	2	2	83	6.58	.039	3	217	5.22	143	.01	2	2.26	.01	.07	2	2
FX 483049	1	114	8	52	.1	188	30	952	4.32	12	5	ND	2	90	1	3	2	108	4.44	.047	6	321	5.95	64	.01	7	3.17	.01	.05	2	8
FX 483050	1	224	11	67	.3	26	25	799	4.84	9	5	ND	3	236	1	2	2	104	4.91	.190	9	39	2.55	93	.02	5	2.06	.02	.10	1	4
FX 483051	1	232	10	73	.2	21	26	824	4.92	15	5	ND	2	199	1	2	2	96	4.42	.202	9	45	2.24	15	.03	3	2.30	.02	.14	1	8
FX 483052	1	189	10	63	.2	15	21	775	4.04	7	5	ND	2	230	1	3	2	87	5.48	.189	8	37	2.01	14	.05	6	1.92	.02	.06	1	5
FX 483053	1	157	11	59	.1	33	22	735	4.11	10	5	ND	2	165	1	3	2	88	5.17	.144	6	71	2.46	43	.09	11	1.89	.02	.07	1	11
FX 483054	1	193	10	71	.1	26	24	742	4.39	8	5	ND	1	141	1	2	3	94	3.67	.173	7	68	2.67	48	.11	5	2.28	.02	.22	2	3
FX 483055	1	169	6	80	.1	26	25	854	4.89	7	5	ND	3	174	1	3	2	114	4.97	.174	8	66	2.85	28	.09	4	2.43	.02	.25	2	2
FX 483056	1	113	11	54	.1	53	24	780	4.35	14	5	ND	2	183	1	2	2	97	6.86	.054	4	143	3.77	23	.04	2	2.67	.03	.09	1	23
FX 483057	1	108	8	54	.2	56	24	880	4.15	14	5	ND	2	196	1	2	2	97	8.37	.052	5	147	3.47	18	.03	2	2.72	.03	.07	1	109
STD C/AU-R	18	63	39	133	6.5	72	31	1021	4.14	40	19	7	38	51	19	14	18	61	.51	.090	39	53	.90	181	.07	37	1.87	.06	.14	12	495

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-171

GEOCHEMICAL ANALYSIS CERTIFICATE

Epi-Grone, B.C
BH 72487
FX 483058-125

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: JUL 5 1989 DATE REPORT MAILED: July 10/89 SIGNED BY C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

INCO GOLD COMPANY File # 89-1924 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 483059	1	126	7	57	.1	66	28	613	4.35	13	5	ND	1	136	1	2	2	96	4.07	.066	2	172	3.59	60	.10	2	2.90	.05	.11	1	4
FX 483059	1	124	2	52	.1	52	23	633	3.81	13	5	ND	1	128	1	2	3	82	4.51	.075	3	129	3.24	34	.13	4	2.48	.04	.18	1	1
FX 483060	1	138	2	47	.1	60	23	517	3.46	13	5	ND	1	94	1	2	2	68	3.10	.065	2	136	2.92	38	.14	5	2.40	.06	.23	1	4
FX 483061	1	125	2	56	.1	66	24	590	3.89	3	5	ND	1	110	1	2	2	86	3.47	.062	2	166	3.36	104	.14	5	2.81	.05	.25	1	2
FX 483062	1	131	3	55	.2	61	24	538	3.70	11	5	ND	1	103	1	2	2	79	2.86	.064	2	160	3.21	65	.16	3	2.66	.06	.25	1	3
FX 483063	1	140	5	67	.1	67	26	673	4.55	11	5	ND	1	158	1	2	2	122	4.28	.063	3	191	4.12	44	.12	5	3.28	.06	.15	1	3
FX 483064	1	135	6	54	.2	56	24	527	3.49	12	5	ND	1	110	1	2	2	73	2.77	.063	2	141	3.07	43	.15	3	2.46	.06	.22	1	4
FX 483065	1	125	2	59	.1	62	25	656	4.05	12	5	ND	1	151	1	2	3	97	4.75	.060	3	167	3.40	42	.12	6	2.92	.05	.18	1	4
FX 483066	1	128	6	62	.1	57	24	667	4.21	9	5	ND	2	208	1	2	2	104	5.39	.062	3	138	3.32	46	.10	6	2.94	.04	.21	1	1
FX 483067	1	383	3	47	.2	24	29	730	3.87	21	5	ND	1	251	1	2	4	99	7.06	.038	4	21	2.28	123	.02	8	2.13	.03	.13	1	9
FX 483068	1	162	4	57	.1	28	24	514	3.78	35	5	ND	1	123	1	2	4	82	2.78	.069	2	49	2.67	44	.15	4	2.56	.05	.28	1	2
FX 483069	1	159	3	65	.1	33	26	632	4.86	30	5	ND	1	158	1	2	2	121	4.42	.072	3	76	3.42	31	.10	3	3.29	.04	.39	1	3
FX 483070	1	137	7	87	.1	70	37	489	5.99	466	5	ND	1	225	1	10	2	162	2.54	.101	5	219	4.00	31	.02	4	4.40	.05	.35	4	4
FX 483071	1	125	4	53	.1	45	27	579	4.45	12	5	ND	1	126	1	2	2	106	4.08	.086	2	170	3.46	46	.15	8	2.75	.08	.42	1	2
FX 483072	1	170	7	62	.1	39	29	695	5.11	40	5	ND	1	156	1	2	2	137	4.48	.057	2	149	3.76	33	.15	2	3.27	.04	.34	1	1
FX 483073	1	145	6	69	.1	42	30	893	7.84	768	5	ND	1	214	1	50	2	156	6.71	.043	2	121	3.70	21	.03	2	3.28	.03	.23	1	3
FX 483074	1	193	4	65	.1	39	29	704	5.05	15	5	ND	1	190	1	2	2	135	4.47	.059	2	150	3.69	82	.14	3	3.17	.04	.36	1	2
FX 483075	1	155	8	71	.1	35	27	848	5.07	18	5	ND	2	214	1	2	2	133	7.15	.054	3	119	3.84	48	.03	6	3.07	.03	.36	1	1
FX 483076	1	142	3	73	.1	27	24	1066	4.86	83	5	ND	1	211	1	2	2	106	8.07	.063	4	74	4.17	92	.01	5	3.10	.02	.18	1	2
FX 483077	1	191	3	82	.1	44	34	821	6.92	61	5	ND	1	171	1	2	2	209	4.35	.064	4	169	4.81	126	.04	3	4.70	.04	.46	4	1
FX 483078	1	206	2	62	.1	40	27	663	4.92	11	5	ND	1	122	1	2	2	138	3.77	.061	2	151	3.60	63	.21	3	3.25	.06	.52	2	1
FX 483079	1	175	3	67	.1	37	26	675	4.85	10	5	ND	1	105	1	2	2	128	3.84	.056	2	144	3.70	56	.18	6	3.34	.06	.44	1	1
FX 483080	1	176	5	56	.2	36	26	579	4.36	11	5	ND	1	91	1	2	2	109	3.26	.055	2	131	3.24	63	.19	5	2.89	.06	.46	1	1
FX 483081	1	164	6	52	.1	32	26	585	4.22	9	5	ND	1	68	1	2	2	92	3.26	.061	2	111	2.92	63	.17	2	2.71	.06	.38	1	3
FX 483082	1	116	4	60	.1	23	24	663	4.13	7	5	ND	1	72	1	2	4	73	3.25	.065	2	84	2.52	59	.13	2	2.52	.05	.30	1	8
FX 483083	1	172	4	59	.2	32	28	669	4.56	10	5	ND	2	103	1	2	2	106	5.04	.057	2	125	3.40	82	.16	3	2.95	.04	.27	1	2
FX 483084	1	137	6	69	.2	46	24	828	4.55	7	5	ND	2	119	1	2	2	102	5.33	.067	2	142	3.35	44	.13	6	3.10	.04	.31	1	2
FX 483085	1	97	13	93	.1	37	23	886	4.90	13	5	ND	1	111	1	2	2	98	6.89	.070	3	120	3.03	37	.04	5	2.96	.04	.26	1	10
FX 483086	1	92	6	97	.1	16	19	912	4.86	8	5	ND	1	85	1	2	2	87	4.64	.103	4	28	2.39	53	.03	3	2.82	.04	.40	1	7
FX 483087	1	85	7	67	.1	12	13	898	2.75	2	5	ND	1	105	1	2	2	26	4.82	.124	3	23	1.74	69	.02	9	2.32	.02	.38	1	1
FX 483088	1	77	5	67	.2	31	17	956	3.49	11	5	ND	1	115	1	2	2	39	6.37	.104	4	80	2.34	35	.01	4	2.78	.01	.31	1	4
FX 483089	1	91	10	54	.1	95	30	894	4.52	7	5	ND	1	251	1	2	2	92	6.84	.084	2	288	4.06	58	.05	6	2.89	.02	.41	1	1
FX 483090	1	105	7	68	.1	121	33	832	5.14	9	5	ND	1	217	1	4	2	115	5.34	.099	2	375	4.46	24	.09	6	3.44	.03	.68	1	1
FX 483091	1	118	4	57	.1	111	32	780	4.81	3	5	ND	1	224	1	2	2	103	4.96	.094	2	346	4.34	27	.09	2	3.18	.03	.53	1	1
FX 483092	1	125	8	74	.2	101	31	698	4.91	6	5	ND	1	249	1	2	2	108	3.75	.088	2	289	4.72	26	.10	3	3.09	.06	.53	2	1
FX 483093	1	124	7	70	.1	46	26	933	5.07	10	5	ND	1	187	1	2	2	125	6.92	.063	3	182	3.54	36	.07	2	3.13	.04	.25	1	9
STD C/AU-R	18	61	42	132	6.6	68	31	958	4.11	41	18	6	37	49	18	14	20	58	.51	.091	38	56	.89	174	.07	38	2.00	.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 PPB	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 483094	2	80	5	83	.1	20	16	1156	4.39	9	5	ND	1	163	1	2	2	52	5.68	.096	4	37	2.31	89	.01	9	2.40	.03	.16	1	14
FX 483095	1	109	2	61	.1	9	15	813	3.33	2	5	ND	1	179	1	2	2	90	3.17	.130	3	21	2.28	118	.02	10	2.67	.04	.07	1	6
FX 483096	1	69	2	74	.1	17	20	1049	4.83	6	5	ND	1	118	1	2	2	102	4.31	.077	4	39	2.75	100	.01	2	3.18	.04	.05	1	6
FX 483097	1	17	5	94	.1	8	9	993	4.07	8	5	ND	1	128	1	2	2	19	4.02	.100	12	6	1.44	68	.01	2	2.34	.06	.20	1	11
FX 483098	1	75	9	122	.3	15	17	1289	4.61	9	5	ND	1	155	1	2	2	37	7.05	.083	7	19	1.70	69	.01	6	2.59	.01	.17	1	39
FX 483099	1	13	5	102	.2	9	10	1107	4.62	5	5	ND	1	133	1	2	2	13	5.64	.089	6	3	1.32	48	.01	8	2.22	.02	.17	1	14
FX 483100	1	60	6	91	.2	22	17	1058	4.74	12	5	ND	2	197	1	2	2	58	6.74	.102	7	29	1.85	56	.01	6	2.62	.02	.12	1	8
FX 483101	2	101	5	77	.1	23	22	1066	5.16	13	5	ND	1	234	1	3	2	102	5.76	.104	10	45	2.25	92	.04	2	2.79	.03	.09	1	5
FX 483102	1	102	2	82	.1	17	25	1122	5.62	21	5	ND	1	187	1	2	2	112	4.83	.072	4	24	2.55	88	.02	5	3.38	.03	.09	1	3
FX 483103	4	32	18	91	.2	33	17	1073	4.60	17	5	ND	1	115	1	2	2	23	5.03	.091	6	6	1.34	63	.01	3	1.96	.03	.19	1	9
FX 483104	1	200	2	64	.1	14	20	751	3.99	12	5	ND	1	132	1	2	2	93	3.12	.163	3	52	2.31	24	.08	7	2.59	.05	.03	1	1
FX 483105	6	22	7	77	.1	21	15	894	3.97	14	5	ND	1	117	1	2	2	18	3.90	.095	7	5	1.54	45	.01	3	2.03	.03	.14	1	5
FX 483106	2	62	2	69	.1	12	14	1069	4.23	26	5	ND	1	236	1	2	2	49	7.34	.122	8	10	1.53	52	.01	2	2.54	.03	.12	1	5
FX 483107	1	45	5	59	.1	8	9	822	2.70	9	5	ND	1	108	1	2	2	34	3.04	.060	4	11	1.14	146	.01	3	1.79	.04	.10	1	1
FX 483108	1	50	4	64	.1	9	9	817	2.97	16	5	ND	1	147	1	2	2	38	2.77	.061	6	13	1.30	187	.01	3	1.98	.04	.10	1	1
FX 483109	1	21	9	84	.1	10	9	1325	3.58	30	5	ND	1	250	1	3	2	20	8.58	.084	7	12	1.38	54	.01	3	2.22	.02	.14	1	5
FX 483110	1	32	2	68	.1	34	15	1154	3.33	6	5	ND	2	124	1	2	2	19	6.25	.100	10	32	2.17	42	.01	2	2.54	.01	.15	1	8
FX 483111	1	156	7	88	.3	28	26	1134	5.48	19	5	ND	1	241	1	2	2	126	5.62	.149	6	30	2.68	599	.01	3	3.81	.02	.09	1	15
FX 483112	1	60	36	321	.2	92	24	1222	4.21	8	5	ND	1	133	3	2	2	70	6.41	.052	4	132	2.57	85	.01	4	2.91	.01	.11	1	25
FX 483113	1	109	13	83	.2	76	28	1015	4.19	4	5	ND	1	125	1	2	2	59	6.25	.059	5	156	2.64	85	.02	2	2.92	.01	.11	1	16
FX 483114	1	83	3	46	.1	39	22	756	3.90	5	5	ND	1	142	1	2	2	37	4.91	.074	6	60	2.45	35	.01	5	2.72	.01	.14	2	6
FX 483115	1	83	5	70	.1	20	17	1093	4.39	8	5	ND	1	234	1	2	2	74	6.74	.072	6	38	2.42	151	.01	2	3.23	.03	.12	1	3
FX 483116	1	78	2	72	.1	21	18	980	4.00	10	5	ND	1	180	1	2	2	74	4.70	.074	4	38	2.36	270	.02	2	2.68	.04	.09	1	2
FX 483117	1	75	2	45	.1	85	29	785	4.85	5	5	ND	1	136	1	2	2	75	5.44	.053	6	181	3.66	28	.01	2	3.94	.01	.10	1	6
FX 483118	1	98	102	93	.2	27	23	908	4.94	36	5	ND	1	192	1	2	2	104	4.18	.102	7	49	2.72	100	.05	2	3.17	.02	.60	1	24
FX 483119	1	111	26	87	.1	34	25	1150	4.86	49	5	ND	1	175	1	2	2	97	5.76	.079	8	108	3.06	97	.02	3	3.75	.02	.18	1	19
FX 483120	3	100	3	69	.2	69	26	1011	4.69	34	5	ND	1	222	1	2	2	91	5.08	.062	7	153	3.31	21	.01	2	3.56	.03	.09	1	15
FX 483121	7	98	2	81	.2	85	25	1032	4.42	36	5	ND	1	191	1	2	2	109	6.78	.049	4	210	3.44	34	.02	10	3.64	.03	.02	1	7
FX 483122	1	74	3	66	.1	69	26	1062	4.63	10	5	ND	1	161	1	2	2	68	6.75	.055	5	161	2.72	35	.01	2	2.68	.02	.06	1	6
FX 483123	1	117	10	141	.4	62	23	1486	4.97	46	5	ND	1	163	1	2	2	35	8.33	.052	4	78	2.18	48	.01	4	2.06	.01	.11	1	15
FX 483124	1	87	4	62	.2	45	26	839	5.36	36	5	ND	1	184	1	2	2	91	4.20	.077	5	102	3.14	45	.01	4	4.39	.02	.08	1	9
FX 483125	1	62	8	113	.2	27	19	1074	4.37	20	5	ND	1	211	1	2	2	62	6.25	.099	11	49	2.34	49	.01	2	3.17	.03	.11	1	8
STD C/AU-R	17	61	36	132	6.7	67	31	1052	4.08	41	21	7	37	54	17	15	21	59	.51	.090	38	56	.90	191	.07	36	2.01	.06	.13	12	490

Epi, B.C.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

BH 72487 FX 483126-158
BH 72488 FX 483159-191

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: JUL 10 1989 DATE REPORT MAILED: July 13/89 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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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 483126	3	66	24	110	.2	24	18	935	4.70	7	5	ND	1	97	1	2	2	64	4.42	.120	11	46	2.47	29	.01	2	2.96	.02	.09	1	14
FX 483127	4	76	13	85	.3	22	17	1016	4.13	8	5	ND	1	201	1	2	2	30	8.89	.103	5	32	2.00	38	.01	2	2.33	.01	.09	1	34
FX 483128	1	57	6	70	.1	9	12	867	3.19	4	5	ND	1	90	1	2	2	21	3.87	.077	9	7	1.29	86	.01	3	1.69	.03	.17	1	18
FX 483129	1	139	3	54	.2	7	10	731	2.42	2	5	ND	1	91	1	2	3	17	2.81	.067	5	7	.94	104	.01	5	1.24	.03	.18	1	9
FX 483130	1	189	2	58	.1	8	12	863	2.68	2	5	ND	1	118	1	2	2	24	3.56	.075	4	9	1.21	93	.03	2	1.56	.03	.16	1	12
FX 483131	1	47	2	52	.1	8	10	721	2.23	2	5	ND	1	93	1	2	2	16	2.98	.062	5	7	.85	85	.01	7	1.22	.03	.20	1	12
FX 483132	1	25	4	47	.1	7	9	614	2.08	2	5	ND	1	75	1	2	2	15	3.11	.061	3	5	.83	100	.03	3	1.11	.04	.13	1	5
FX 483133	1	110	10	150	.1	57	26	1206	4.41	2	5	ND	1	105	1	2	2	44	6.16	.125	8	90	2.38	56	.01	2	2.79	.02	.11	1	14
FX 483134	2	103	6	94	.4	43	25	854	4.38	6	5	ND	1	57	1	2	2	40	3.20	.129	5	54	2.33	56	.08	7	2.67	.02	.11	1	9
FX 483135	1	110	2	82	.2	39	27	913	3.85	3	5	ND	1	75	1	2	2	72	2.57	.088	3	57	2.69	10	.14	2	2.79	.03	.01	1	11
FX 483136	1	142	4	92	.1	20	20	1075	4.35	2	5	ND	1	103	1	2	2	44	5.48	.122	5	26	2.19	68	.05	4	2.90	.02	.15	1	10
FX 483137	1	147	3	90	.3	32	24	1201	4.89	10	5	ND	2	167	1	2	2	55	7.91	.106	10	51	2.73	56	.01	7	3.45	.01	.13	1	17
FX 483138	1	69	2	64	.1	10	13	799	3.39	2	5	ND	1	174	1	2	2	79	3.40	.110	4	20	1.86	367	.01	3	2.37	.04	.10	1	8
FX 483139	1	97	9	69	.1	10	15	895	3.56	8	5	ND	1	132	1	2	2	45	4.31	.153	8	9	1.71	69	.01	4	2.45	.02	.18	1	14
FX 483140	1	184	2	84	.4	10	18	1116	4.48	2	5	ND	1	214	1	2	3	47	7.19	.192	12	11	1.87	54	.01	2	3.07	.01	.14	1	10
FX 483141	2	141	29	118	.1	15	21	1086	5.53	4	5	ND	1	200	1	2	5	75	6.01	.171	7	18	2.59	38	.01	2	4.16	.01	.12	1	15
FX 483142	1	173	2	65	.2	8	14	1170	3.25	3	5	ND	1	262	1	2	5	29	9.21	.168	7	6	1.17	27	.01	5	2.06	.01	.11	1	15
FX 483143	1	81	10	64	.2	21	16	1162	3.46	4	5	ND	1	237	1	2	2	24	8.65	.091	3	23	1.27	59	.01	5	2.17	.01	.16	1	21
FX 483144	1	97	6	62	.2	10	18	1077	3.59	14	5	ND	1	228	1	2	2	28	7.42	.120	3	8	1.26	50	.01	3	2.21	.01	.18	1	57
FX 483145	1	152	2	75	.1	8	14	1116	3.88	2	5	ND	1	204	1	2	2	35	6.48	.159	7	5	1.83	33	.01	5	2.74	.01	.15	1	8
FX 483146	1	157	2	80	.1	9	18	1052	4.56	5	5	ND	2	230	1	2	4	44	6.70	.211	10	9	2.20	28	.01	2	3.62	.01	.13	1	22
FX 483147	1	176	2	77	.3	9	16	1069	4.37	4	5	ND	1	258	1	2	4	47	6.93	.200	9	10	2.07	39	.01	4	3.33	.01	.11	1	5
FX 483148	1	126	3	72	.1	7	15	1073	4.24	2	5	ND	1	226	1	2	2	42	6.85	.158	7	7	1.85	92	.01	3	3.06	.02	.12	1	8
FX 483149	1	58	4	75	.1	6	12	1042	3.31	2	5	ND	1	187	1	2	2	53	5.43	.098	10	27	1.50	49	.01	2	2.51	.03	.13	1	6
FX 483150	1	73	5	70	.1	18	20	1095	4.70	5	5	ND	1	169	1	2	3	78	6.83	.128	9	54	2.93	68	.01	3	3.77	.01	.10	1	11
FX 483151	1	49	3	91	.1	19	18	1311	5.19	4	5	ND	1	146	1	2	3	87	6.90	.101	6	48	2.72	83	.01	2	3.70	.01	.07	1	6
FX 483152	1	56	4	90	.1	13	18	1418	4.91	4	5	ND	1	157	1	2	2	56	7.27	.092	9	15	2.33	96	.01	2	3.54	.01	.09	2	7
FX 483153	1	131	4	74	.2	13	17	1178	4.37	4	5	ND	1	176	1	2	2	49	7.45	.143	10	24	2.22	44	.01	2	3.31	.01	.11	1	8
FX 483154	1	134	9	71	.2	30	25	1139	5.40	4	5	ND	2	227	1	3	2	151	8.80	.145	9	133	4.19	1	.01	3	5.03	.01	.02	1	4
FX 483155	1	159	6	74	.2	30	25	1161	5.06	6	5	ND	2	189	1	2	2	114	8.16	.127	7	101	3.44	23	.02	2	4.07	.01	.10	1	7
FX 483156	1	137	3	81	.3	26	28	920	4.42	6	5	ND	2	605	1	2	2	84	4.32	.091	4	76	2.78	50	.11	2	2.90	.03	.02	1	11
FX 483157	1	164	2	64	.2	31	30	676	4.11	2	5	ND	1	2671	1	2	3	62	2.69	.086	3	61	2.08	86	.13	4	1.99	.04	.06	1	13
FX 483158	1	171	5	60	.2	28	29	676	4.09	2	5	ND	1	164	1	2	2	77	3.68	.088	4	63	2.43	26	.13	2	2.37	.03	.02	1	9
FX 483159	2	83	11	52	.2	21	21	93	2.05	65	5	ND	3	115	1	2	2	42	.31	.011	27	26	.87	22	.01	2	1.64	.04	.36	1	33
FX 483160	6	49	14	114	.1	24	12	58	1.24	68	5	ND	6	87	1	2	4	34	.34	.011	20	14	.52	24	.02	4	1.23	.04	.10	1	8
FX 483161	1	70	7	60	.2	10	18	3380	4.97	18	5	ND	4	99	1	2	2	40	.60	.010	14	21	1.01	43	.01	3	1.49	.03	.28	1	32
STD C/AU-R	18	62	43	133	6.7	71	31	1018	4.09	40	20	7	39	50	19	15	23	60	.51	.090	39	53	.89	180	.07	33	1.97	.06	.13	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 483162	1	93	7	42	.1	12	16	904	2.33	7	5	ND	2	98	1	2	2	36	.40	.004	14	27	.90	23	.01	3	1.79	.03	.24	1	17
FX 483163	2	107	3	41	.1	11	16	2338	3.85	18	5	ND	1	72	1	3	2	64	.42	.065	13	57	.55	1708	.01	4	1.19	.02	.22	5	155
FX 483164	5	52	3	43	.2	13	12	74	3.45	26	5	ND	1	54	1	7	2	64	.27	.068	5	27	.52	832	.01	2	1.26	.01	.22	4	22
FX 483165	1	31	2	22	.2	6	5	38	1.99	20	5	ND	1	46	1	2	2	39	.22	.042	7	13	.33	23	.01	2	1.12	.01	.15	4	203
FX 483166	4	64	5	41	.1	17	9	45	3.18	77	5	ND	1	51	1	2	2	77	.22	.051	2	37	.37	122	.01	5	1.16	.01	.18	5	32
FX 483167	6	79	6	59	.1	23	14	69	3.95	138	5	ND	1	61	1	8	2	79	.27	.066	3	41	.42	338	.01	9	1.32	.01	.17	2	20
FX 483168	17	90	2	61	.1	43	19	66	5.37	155	5	ND	1	43	1	4	2	104	.27	.050	3	84	.77	127	.01	6	1.91	.01	.13	3	22
FX 483169	7	106	8	83	.1	33	26	1127	5.44	145	5	ND	1	120	1	2	2	104	7.10	.089	3	32	1.37	992	.01	11	2.29	.01	.14	1	19
FX 483169A	9	107	10	70	.1	30	22	764	4.69	146	5	ND	1	87	1	3	2	82	4.42	.068	2	40	.82	160	.01	9	1.47	.01	.18	2	15
FX 483170	2	103	8	76	.3	19	26	1743	4.44	64	5	ND	1	169	1	2	2	95	10.19	.071	2	29	2.59	1129	.01	10	.91	.02	.19	2	25
FX 483171	3	95	5	83	.1	29	26	2312	5.38	65	5	ND	1	166	1	2	2	119	9.12	.073	2	49	3.46	203	.01	11	1.52	.02	.15	1	11
FX 483172	2	97	3	68	.1	33	29	2666	5.17	43	5	ND	1	119	1	2	2	110	9.38	.040	2	66	3.72	359	.01	9	1.34	.02	.16	2	14
FX 483173	3	91	5	93	.1	24	22	2437	5.11	49	5	ND	1	144	1	2	2	105	8.85	.062	2	47	3.27	254	.01	16	1.14	.02	.17	1	13
FX 483174	2	95	2	59	.3	14	19	1730	3.31	19	5	ND	1	115	1	2	2	69	9.53	.066	2	21	2.92	314	.01	11	.64	.02	.24	1	15
FX 483175	6	106	5	107	.2	46	29	1261	6.23	135	5	ND	1	110	1	2	2	107	4.01	.075	2	75	2.14	766	.01	7	1.83	.01	.16	1	14
FX 483176	52	109	8	78	.1	35	22	356	6.45	208	5	ND	1	82	1	8	2	115	2.49	.067	2	58	1.20	365	.01	7	1.32	.01	.15	2	28
FX 483177	1	103	2	58	.3	39	32	1380	5.09	37	5	ND	1	123	1	2	2	108	8.06	.054	5	67	3.45	63	.01	4	1.90	.02	.17	1	6
FX 483178	12	104	4	61	.3	47	32	1304	5.57	32	5	ND	1	142	1	2	2	112	8.85	.054	7	98	3.35	67	.01	6	2.29	.02	.17	1	7
FX 483179	6	98	5	63	.2	42	28	1889	6.27	133	5	ND	1	151	1	11	2	96	8.92	.058	5	76	3.56	164	.01	2	1.40	.02	.18	1	27
FX 483180	6	97	2	61	.2	42	30	1514	6.08	106	5	ND	1	128	1	4	2	99	7.95	.055	3	70	3.00	37	.01	5	1.15	.02	.20	2	14
FX 483181	255	60	6	75	.3	38	25	672	5.05	88	5	ND	1	87	1	8	2	98	3.47	.026	2	66	1.57	22	.01	2	.88	.01	.09	2	73
FX 483182	4	98	3	53	.2	41	30	1619	5.42	59	5	ND	1	124	1	2	2	100	9.44	.047	3	80	3.49	75	.01	4	1.16	.02	.18	2	238
FX 483183	6	105	3	70	.1	51	33	1441	6.04	41	5	ND	1	111	1	2	2	110	6.16	.050	6	85	3.22	64	.01	8	2.28	.02	.16	2	10
FX 483184	4	111	2	75	.2	51	34	1375	6.62	57	5	ND	1	113	1	2	2	128	5.53	.047	6	96	3.29	66	.01	6	2.54	.02	.17	2	7
FX 483185	4	132	4	75	.1	37	30	950	5.52	108	5	ND	1	120	1	2	2	104	4.25	.096	4	25	2.85	206	.01	4	2.88	.02	.21	1	10
FX 483186	6	128	6	78	.4	47	33	1052	7.28	247	5	ND	1	148	1	11	2	124	4.72	.079	4	63	2.81	164	.01	4	2.80	.02	.20	1	17
FX 483187	28	111	7	54	.4	41	25	446	5.24	231	5	ND	1	84	1	19	2	107	2.58	.073	2	61	1.65	40	.01	3	1.66	.01	.17	1	35
FX 483188	11	95	7	69	.1	43	24	1667	5.16	72	5	ND	1	159	1	2	2	83	9.32	.043	2	130	3.54	111	.01	7	.76	.02	.19	2	11
FX 483189	27	90	2	47	.2	53	24	596	4.88	200	5	ND	1	93	1	11	3	77	2.51	.047	2	112	1.51	64	.01	6	1.34	.02	.16	2	18
FX 483190	112	73	5	27	.6	40	22	720	3.42	186	5	ND	1	55	1	10	4	64	2.32	.038	2	81	1.30	16	.01	3	.89	.01	.13	2	27
FX 483191	9	98	2	65	.2	54	25	1145	5.64	151	5	ND	1	153	1	7	4	92	5.77	.042	3	102	2.95	52	.01	2	1.60	.02	.17	1	16
STD C/AU-R	19	60	35	132	7.0	69	31	1033	4.19	41	20	7	40	51	20	14	19	61	.51	.092	40	55	.91	183	.07	37	1.93	.06	.14	12	525

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Epi, B.C.

BH 72488

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: JUL 14 1989 DATE REPORT MAILED: July 23/89 SIGNED BY. C. Leong .. B.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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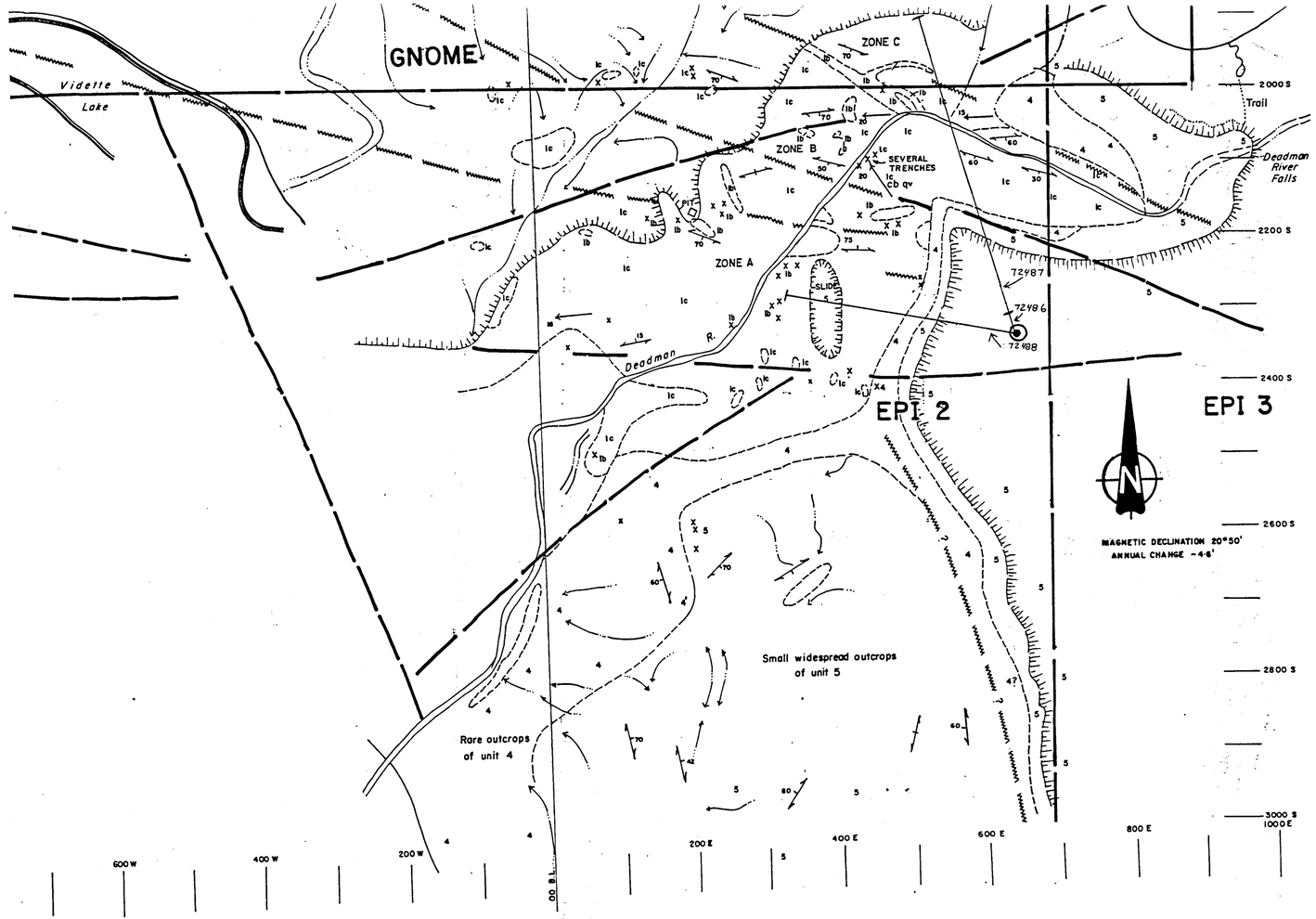
SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
FX 483192	1	117	5	80	.4	46	26	1612	5.50	62	5	ND	2	122	1	2	2	103	6.89	.042	5	74	3.88	61	.01	11	1.73	.02	.18	1	7
FX 483193	1	137	4	76	.2	41	26	1586	5.43	73	5	ND	1	140	1	2	2	96	6.00	.048	4	68	3.24	93	.01	5	1.42	.02	.18	2	14
FX 483194	1	39	3	61	.3	36	22	1669	5.09	32	5	ND	1	146	1	2	2	91	5.58	.041	3	68	3.94	106	.01	8	1.26	.02	.17	1	7
FX 483195	1	97	2	67	.3	41	23	1433	5.20	20	5	ND	2	126	1	2	2	101	6.02	.060	4	67	3.87	123	.01	7	2.94	.03	.22	1	18
FX 483196	2	93	5	61	.1	37	24	1824	4.52	34	5	ND	1	126	1	2	4	99	8.27	.044	3	64	3.84	106	.01	14	1.12	.02	.17	1	12
FX 483197	1	106	6	43	.3	36	28	1637	4.95	33	5	ND	2	96	1	3	2	94	5.60	.042	3	76	2.32	61	.01	7	1.28	.02	.16	2	11
FX 483198	4	102	4	58	.5	41	29	1020	5.52	56	5	ND	2	123	1	3	2	96	4.57	.043	4	59	2.96	49	.01	6	1.59	.03	.17	1	14
FX 483199	1	115	3	71	.3	46	30	1480	5.98	26	5	ND	2	121	1	2	2	104	5.38	.043	5	68	4.04	59	.01	7	2.05	.03	.20	1	31
FX 483200	1	91	3	49	.5	67	34	1313	4.47	127	5	ND	2	141	1	2	2	97	6.12	.063	3	100	3.66	135	.01	10	1.65	.02	.12	1	19
FX 483201	1	77	3	42	.4	61	23	1351	3.87	89	5	ND	1	161	1	3	2	95	6.03	.042	2	135	3.79	154	.01	9	1.75	.02	.10	1	8
FX 483202	1	47	7	36	.3	28	16	930	3.71	30	5	ND	1	90	1	2	2	73	6.95	.015	2	47	3.50	132	.01	13	.84	.02	.08	1	16
FX 483203	1	85	4	46	.2	70	26	1003	5.04	61	5	ND	1	229	1	2	3	114	7.37	.056	2	163	3.94	90	.01	3	1.33	.01	.06	1	3
FX 483204	1	118	5	70	.5	33	27	1494	5.36	33	5	ND	2	192	1	2	2	84	6.45	.072	2	41	3.04	74	.01	13	1.36	.02	.18	1	6
FX 483205	1	120	7	70	.4	23	22	1384	5.41	30	5	ND	2	120	1	2	2	66	6.56	.085	1	21	2.69	109	.01	13	1.04	.02	.18	1	9
FX 483206	1	73	7	102	.2	23	21	1005	5.22	79	5	ND	1	82	1	3	2	65	4.78	.072	2	23	2.31	89	.01	10	1.26	.02	.16	1	27
FX 483207	7	109	12	141	.1	54	32	1195	5.44	81	5	ND	1	82	1	7	2	88	7.17	.051	2	116	3.05	39	.01	5	.53	.02	.10	1	28
FX 483208	3	83	13	162	.1	29	23	1169	4.89	56	5	ND	1	72	1	5	2	85	7.09	.052	2	53	3.00	62	.01	5	.75	.02	.13	1	17
FX 483209	1	68	7	106	.3	21	20	1090	4.93	24	5	ND	2	72	1	2	2	102	6.34	.070	4	30	2.87	120	.01	9	1.28	.02	.10	1	3
FX 483210	1	79	12	88	.1	18	21	1197	5.57	20	5	ND	1	83	1	2	2	111	5.35	.070	3	30	2.56	489	.01	8	1.60	.02	.14	1	3
FX 483211	1	93	7	97	.3	27	23	1268	5.96	34	5	ND	2	104	1	2	2	105	6.40	.076	5	44	2.82	155	.01	15	1.67	.03	.19	1	4
FX 483212	2	100	2	63	.1	48	30	1134	5.74	36	5	ND	1	121	1	2	2	101	7.79	.048	6	105	3.91	48	.01	2	1.68	.02	.17	1	6
FX 483213	1	101	4	54	.2	50	32	959	5.05	7	5	ND	2	125	1	2	2	94	8.47	.049	5	130	3.45	66	.06	7	1.74	.02	.12	1	3
FX 483214	1	108	3	52	.1	45	27	972	4.76	3	5	ND	1	106	1	2	4	90	6.61	.047	4	115	3.47	51	.08	4	1.99	.02	.09	1	3
FX 483215	1	108	2	41	.1	40	28	739	4.53	5	5	ND	1	89	1	2	2	72	5.44	.048	2	101	2.64	54	.13	9	1.48	.03	.09	2	3
FX 483216	1	105	2	53	.1	47	29	810	4.92	2	5	ND	1	108	1	2	2	103	5.05	.044	4	143	3.94	85	.16	6	1.99	.03	.10	1	3
FX 483217	1	113	2	52	.4	49	32	771	4.96	4	5	ND	2	110	1	2	2	93	4.87	.045	4	134	3.48	26	.13	16	1.82	.03	.12	1	3
FX 483218	1	104	3	53	.3	46	31	862	5.04	5	5	ND	1	126	1	2	2	98	6.52	.042	4	132	3.41	74	.09	8	1.94	.03	.11	1	1
FX 483219	1	111	3	55	.1	47	31	851	4.85	5	5	ND	1	140	1	2	2	91	5.60	.043	4	136	3.35	52	.09	6	1.95	.03	.10	1	2
FX 483220	1	109	4	53	.2	43	29	791	4.60	16	5	ND	1	132	1	2	3	84	5.54	.046	4	108	3.24	89	.09	4	1.77	.03	.11	1	5
FX 483221	1	107	2	52	.5	41	29	798	4.71	5	5	ND	2	132	1	2	2	77	5.59	.042	3	102	3.38	94	.11	17	1.59	.03	.12	1	2
FX 483222	1	100	3	60	.2	45	28	1125	5.75	18	5	ND	2	162	1	2	2	112	8.33	.050	5	100	4.25	56	.01	6	1.72	.03	.15	1	5
FX 483223	1	88	7	56	.1	41	28	1016	5.41	5	5	ND	1	150	1	2	2	103	8.34	.054	5	102	3.46	68	.01	12	1.15	.03	.14	1	5
FX 483224	1	79	6	56	.3	39	26	981	5.01	32	5	ND	2	154	1	2	2	104	9.45	.036	2	70	4.11	63	.01	13	.71	.02	.11	1	13
FX 483225	1	99	4	53	.5	38	27	1013	5.04	2	5	ND	2	164	1	3	2	92	6.59	.052	4	85	3.13	62	.01	11	1.28	.03	.15	1	6
FX 483226	1	122	5	45	.2	42	29	1043	5.65	4	5	ND	2	184	1	2	2	122	8.13	.043	3	95	3.57	61	.01	9	1.05	.03	.13	1	8
FX 483227	1	126	2	56	.1	39	30	1258	6.19	12	5	ND	1	118	1	2	2	124	8.55	.046	3	73	3.12	69	.01	5	1.59	.03	.15	1	9
STD C/AU-S	19	59	42	132	6.8	72	30	1016	3.95	40	23	8	33	49	18	15	23	59	.48	.092	39	55	.38	196	.07	35	1.90	.06	.24	12	530

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 483229	2	102	7	64	.2	35	25	1136	5.73	95	5	ND	1	107	1	3	3	110	7.25	.057	2	68	3.33	101	.01	7	1.45	.02	.12	1	9
FX 483229	1	96	5	59	.2	34	24	1018	5.30	6	5	ND	1	156	1	2	2	102	8.23	.056	3	82	3.51	132	.01	7	1.58	.03	.17	1	7
FX 483230	1	97	2	54	.1	36	28	992	5.22	4	5	ND	1	174	1	3	2	103	6.96	.054	4	81	3.06	95	.01	4	1.57	.03	.16	1	6
FX 483231	1	109	5	61	.1	37	28	1007	5.33	4	5	ND	1	162	1	3	4	103	5.98	.059	5	92	3.24	55	.02	3	1.91	.03	.16	1	6
FX 483232	4	91	2	58	.2	37	27	961	5.18	35	5	ND	1	90	1	4	2	102	5.48	.040	2	72	2.81	46	.01	5	1.44	.02	.09	1	6
FX 483233	1	111	4	58	.1	37	27	891	5.08	12	5	ND	1	146	1	3	2	99	4.91	.063	4	93	3.10	82	.01	5	1.89	.03	.15	1	8
FX 483234	1	108	4	53	.1	35	26	889	4.31	5	5	ND	1	131	1	4	2	75	5.05	.060	3	91	2.47	46	.12	3	1.63	.03	.12	1	22
FX 483235	1	107	2	53	.1	41	27	950	4.90	7	5	ND	1	157	1	3	2	100	6.12	.046	5	108	3.19	147	.03	5	1.81	.03	.13	1	4
FX 483236	1	99	2	52	.1	35	29	1143	5.56	54	5	ND	1	165	1	3	2	97	6.57	.055	4	74	3.31	24	.01	4	1.69	.04	.17	1	13
FX 483237	1	101	2	54	.1	38	24	915	5.18	5	5	ND	1	184	1	2	2	103	6.73	.041	4	84	3.63	53	.01	2	1.79	.03	.17	1	13
FX 483238	1	73	2	50	.2	32	22	952	4.75	42	5	ND	1	158	1	2	3	113	8.54	.038	2	67	4.06	118	.01	11	1.31	.02	.12	1	36
FX 483239	1	98	2	64	.1	37	26	1005	5.48	69	5	ND	1	124	1	3	2	115	7.78	.041	2	72	3.60	133	.01	8	1.44	.02	.14	1	19
FX 483240	1	104	3	65	.3	39	29	1044	6.05	56	5	ND	1	123	1	4	2	109	6.34	.062	2	77	3.20	73	.01	14	1.87	.03	.19	1	10
FX 483241	1	116	3	68	.1	38	28	825	5.55	48	5	ND	1	97	1	5	2	136	5.33	.043	2	81	3.00	35	.01	6	1.92	.02	.10	1	17
FX 483242	2	44	2	35	.2	20	13	774	3.95	39	5	ND	1	107	1	2	2	77	9.34	.031	2	43	3.99	14	.01	6	.49	.01	.04	1	32
FX 483243	1	97	4	58	.1	40	27	941	5.59	55	5	ND	1	112	1	2	2	148	7.30	.042	2	100	3.49	32	.01	10	1.35	.02	.09	1	34
FX 483244	1	108	7	56	.1	41	26	1020	5.26	2	5	ND	1	205	1	3	2	106	6.45	.047	5	114	2.94	107	.01	6	1.73	.04	.17	1	5
FX 483245	1	121	7	59	.1	45	31	1295	6.58	239	5	ND	1	166	1	9	3	109	5.29	.055	6	99	3.25	69	.01	7	2.17	.04	.18	1	174
FX 483246	1	108	2	58	.1	41	27	944	5.54	16	5	ND	1	182	1	5	2	122	6.39	.043	4	92	3.53	227	.01	9	1.71	.03	.18	1	4
FX 483247	1	80	3	52	.1	38	27	952	5.51	37	5	ND	1	147	1	4	2	116	5.47	.047	3	80	3.21	186	.01	7	1.65	.03	.23	1	9
FX 483248	1	102	4	61	.2	46	31	1011	6.20	54	5	ND	2	162	1	3	2	128	4.85	.062	4	95	3.32	132	.01	11	2.13	.04	.20	1	7
FX 483249	1	67	2	59	.1	40	25	908	5.26	44	5	ND	1	115	1	2	2	157	8.08	.028	2	105	3.73	30	.01	5	1.31	.02	.10	1	7
FX 483250	1	92	2	38	.1	23	13	696	3.79	26	5	ND	1	121	1	2	2	94	8.88	.038	2	56	3.73	32	.01	18	.57	.02	.04	1	6
FX 483251	1	101	4	57	.1	35	23	960	5.10	42	5	ND	1	158	1	2	2	135	7.72	.053	2	80	3.54	21	.01	8	1.26	.02	.11	1	7
FX 483252	1	85	2	52	.1	22	18	951	4.65	17	5	ND	1	211	1	2	2	114	8.48	.075	2	42	3.48	310	.01	5	.91	.02	.12	1	2
FX 483253	2	103	4	55	.3	36	28	999	5.71	20	5	ND	2	182	1	2	2	112	7.64	.055	2	61	3.38	94	.01	16	1.35	.02	.13	1	3
FX 483254	1	106	2	61	.1	39	27	959	5.55	21	5	ND	1	199	1	2	2	134	8.58	.039	2	69	3.90	157	.01	4	1.29	.02	.11	1	4
FX 483255	1	108	3	61	.2	40	28	965	5.62	22	5	ND	1	191	1	2	2	118	7.47	.037	2	80	3.67	97	.01	8	1.47	.02	.15	1	7
FX 483256	1	62	2	42	.1	18	9	636	2.98	5	5	ND	1	141	1	2	2	53	6.06	.034	2	25	3.09	126	.01	7	.85	.01	.08	1	3
FX 483257	1	95	2	52	.1	40	25	956	5.17	17	5	ND	1	148	1	2	2	109	7.28	.036	2	73	3.86	101	.01	5	1.55	.02	.12	1	6
FX 483258	1	84	2	52	.1	40	24	965	4.76	32	5	ND	1	144	1	2	2	120	7.19	.038	2	94	3.78	184	.01	4	1.50	.02	.12	1	207
FX 483259	1	105	2	55	.3	49	29	1104	5.40	23	5	ND	1	146	1	2	2	101	6.45	.052	3	101	3.85	177	.01	7	2.02	.03	.19	1	6
FX 483260	1	100	2	54	.2	50	25	897	5.60	13	5	ND	1	161	1	2	2	101	6.61	.034	2	94	3.90	149	.01	9	1.80	.03	.15	1	6
FX 483261	1	68	3	47	.2	40	20	808	4.37	16	5	ND	1	180	1	2	2	93	9.46	.020	2	83	4.65	200	.01	10	.98	.02	.08	2	5
FX 483262	1	97	2	52	.1	50	24	975	5.15	16	5	ND	1	175	1	2	2	97	6.56	.029	2	91	3.93	178	.01	2	1.76	.03	.16	1	5
FX 483263	1	94	5	47	.1	45	23	964	4.77	16	5	ND	1	152	1	2	2	117	7.72	.021	2	118	4.06	198	.01	8	1.39	.02	.11	1	7
STD C/AU-R	18	62	38	132	7.2	72	31	1020	4.07	41	19	7	41	49	18	15	21	60	.48	.092	40	55	.89	178	.07	38	1.96	.06	.13	12	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 483264	1	113	2	67	.2	56	28	1077	5.68	13	5	ND	1	169	.1	2	2	143	7.61	.032	2	138	4.21	172	.01	5	1.80	.02	.09	1	3
FX 483265	1	93	2	50	.4	43	23	1064	4.54	6	5	ND	2	170	1	2	2	112	7.13	.029	2	100	3.79	242	.01	11	1.53	.03	.12	1	5
FX 483266	1	104	2	59	.1	40	21	1217	4.82	32	5	ND	1	148	1	2	2	151	8.80	.039	2	129	4.15	327	.01	3	1.35	.02	.09	1	7
FX 483267	1	139	2	50	.2	37	29	.979	5.05	13	5	ND	1	127	1	2	2	131	7.54	.049	2	81	3.65	132	.01	7	1.38	.02	.12	1	7
FX 483268	1	92	2	53	.1	35	21	1039	5.03	9	5	ND	1	139	1	2	2	130	8.04	.037	2	71	3.90	292	.01	2	1.45	.02	.11	1	5
FX 483269	1	97	4	44	.1	45	20	868	4.31	22	5	ND	1	139	1	2	2	120	6.31	.037	2	123	3.44	41	.01	2	1.64	.02	.10	1	7
FX 483270	2	56	2	27	.2	23	15	543	2.69	19	5	ND	2	175	1	3	2	67	5.00	.038	2	62	2.42	125	.01	8	.77	.02	.08	2	5
FX 483271	1	52	2	25	.2	23	14	550	3.00	56	5	ND	1	171	1	3	2	73	5.00	.026	2	52	2.37	63	.01	2	1.01	.02	.07	1	4
FX 483272	1	105	2	58	.1	42	26	1003	5.00	46	5	ND	1	138	1	5	2	143	7.70	.045	2	111	3.91	188	.01	5	1.57	.02	.09	1	4
FX 483273	2	50	3	36	.4	21	12	667	2.97	8	5	ND	2	131	1	2	3	80	7.36	.040	2	52	3.24	113	.01	15	.61	.02	.05	1	4
FX 483274	1	47	3	29	.1	18	11	558	2.56	8	5	ND	1	145	1	2	2	62	5.56	.041	2	45	2.54	124	.01	2	.66	.02	.07	1	4
FX 483275	1	40	3	41	.1	22	13	831	3.45	3	5	ND	1	152	1	2	2	90	6.73	.092	2	64	2.77	264	.01	2	.94	.02	.14	1	5
FX 483276	1	98	4	48	.1	11	10	857	3.49	3	5	ND	1	156	1	2	2	77	7.88	.063	2	13	3.11	824	.01	2	.55	.02	.10	1	4
FX 483277	1	100	2	52	.1	21	21	901	4.25	2	5	ND	1	160	1	2	3	117	7.53	.061	2	39	2.97	148	.01	3	.85	.03	.12	1	5
FX 483278	1	43	3	28	.2	15	14	510	2.82	5	5	ND	1	111	1	3	2	56	3.59	.032	2	31	1.56	216	.01	13	.58	.03	.11	1	4
FX 483279	1	175	5	68	.5	44	24	1141	5.54	20	5	ND	2	212	1	2	2	110	5.88	.096	2	75	3.62	65	.01	5	2.39	.04	.26	1	4
FX 483280	1	93	3	68	.1	26	19	1113	5.26	14	5	ND	1	165	1	2	2	143	7.82	.103	2	47	3.44	149	.01	4	1.72	.03	.15	1	1
FX 483281	1	116	2	61	.3	28	25	1094	5.28	143	5	ND	1	211	1	5	2	124	7.17	.103	2	44	3.24	31	.01	8	1.50	.04	.24	1	5
FX 483282	1	65	2	54	.1	22	18	1136	4.72	7	5	ND	1	202	1	2	2	94	9.90	.053	2	37	3.85	85	.01	2	.45	.02	.10	1	6
FX 483283	1	98	4	64	.2	29	25	1022	5.18	9	5	ND	1	182	1	2	2	119	8.65	.046	2	64	3.45	79	.01	9	.87	.03	.18	1	2
FX 483284	1	83	3	74	.3	31	27	1145	5.61	4	5	ND	1	216	1	2	2	100	9.86	.054	3	52	3.84	79	.01	6	.77	.02	.16	1	4
FX 483285	1	115	4	74	.3	37	31	1300	6.07	7	5	ND	2	199	1	2	2	120	7.81	.057	4	73	3.59	94	.01	4	1.63	.03	.20	1	3
FX 483286	1	78	7	59	.4	35	24	1224	5.50	5	5	ND	1	250	1	2	2	94	10.25	.050	4	52	3.97	68	.01	4	.86	.03	.11	1	12
FX 483287	1	135	4	72	.2	52	34	1293	6.28	2	5	ND	2	259	1	2	2	123	7.69	.053	5	141	4.15	24	.01	3	2.41	.05	.19	1	4
FX 483288	1	85	6	56	.6	17	18	1091	4.77	3	5	ND	3	205	1	2	2	84	7.17	.067	4	33	2.58	333	.01	9	1.14	.03	.27	1	15
FX 483289	1	97	5	74	.4	22	23	1141	5.43	9	5	ND	2	184	1	2	3	109	4.97	.087	7	56	2.53	236	.01	5	2.50	.04	.36	1	6
FX 483290	1	101	9	64	.6	23	24	1156	6.76	589	5	ND	1	183	1	7	2	82	4.91	.083	6	46	2.57	55	.01	9	2.40	.04	.27	1	338
FX 483291	3	43	8	57	.4	27	22	1117	4.55	45	5	ND	2	135	1	2	2	36	7.99	.054	2	27	2.96	78	.01	15	.50	.02	.15	1	56
FX 483292	2	66	17	53	.9	28	21	1055	4.55	100	5	ND	4	182	1	3	2	52	6.82	.080	4	36	2.69	29	.01	14	1.21	.04	.18	1	38
FX 483293	1	109	7	51	.2	34	31	911	4.69	3	5	ND	1	187	1	2	3	86	7.08	.057	3	88	2.42	55	.15	2	1.80	.03	.08	1	5
FX 483294	1	118	6	64	.2	40	31	1101	5.23	3	5	ND	1	199	1	2	2	112	8.01	.058	3	112	2.93	57	.13	2	2.37	.04	.09	1	23
FX 483295	1	111	4	65	.5	37	29	1255	5.66	71	5	ND	2	323	1	2	2	129	8.02	.059	8	100	2.68	59	.01	2	2.91	.07	.11	1	6
FX 483296	1	128	6	78	.7	43	35	825	6.68	444	7	ND	4	303	1	8	4	127	3.25	.084	5	111	3.46	15	.01	6	3.63	.08	.14	1	2
FX 483297	1	128	3	71	.4	25	24	983	6.01	171	5	ND	3	187	1	4	2	140	4.53	.113	4	95	3.29	27	.01	8	3.06	.05	.16	1	6
FX 483298	1	117	6	71	.5	49	26	1127	5.59	21	5	ND	2	177	1	2	4	133	5.59	.106	4	135	3.43	23	.01	6	2.85	.04	.28	2	6
FX 483299	1	71	6	66	.8	124	37	1180	6.07	5	5	ND	3	233	1	3	2	134	8.68	.088	3	295	4.97	109	.02	12	2.42	.04	.32	3	4
STD C/AU-R	20	62	42	136	7.7	72	31	1127	4.26	42	21	8	39	55	21	15	20	61	.52	.095	40	62	.91	185	.08	40	1.97	.05	.16	13	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 493300	1	127	7	68	.5	91	34	.925	6.11	4	5	ND	1	175	1	2	2	144	5.54	.086	5	269	4.24	27	.05	8	2.93	.04	.34	1	5
FX 493301	1	32	6	58	.1	27	13	1103	3.56	11	5	ND	1	192	1	2	2	44	5.84	.108	13	76	2.08	75	.01	2	2.49	.03	.14	1	4
FX 493302	1	41	8	56	.1	20	13	1046	3.22	20	5	ND	1	199	1	2	2	37	6.21	.117	17	27	1.62	41	.01	2	2.06	.04	.11	1	5



SYMBOLS

- Fx Float
- Float of unit 3
- Float of unit 1a cut by quartz veins
- Outcrop of bedrock, large and small
- Direction of drainage, minor and major
- Schistosity, inclined and vertical
- Road, secondary graded and bush
- River
- Swamp, marsh
- Adit, Trench
- Borehole
- Legal claim post, claim post
- Site of stored drill core
- Cliff (mainly outcrop below ledge)
- Fault
- Air photo linear
- Building
- Geological contact – observed
- Geological contact – inferred

LEGEND

MIOCENE

5 PLATEAU LAVA
Porphyritic olivine basalt.

4 DEADMAN RIVER FORMATION
Pebble conglomerate, siltstone.

UNCONFORMITY

CRETACEOUS

3 SILICEOUS CAP
Silicified Nicola, minor chalcedony matrix breccia, rare layered pool sinter.

UNCONFORMITY

TRIASSIC or JURASSIC

2 THUYA BATHOLITH
Biotite hornblende granodiorite

INTRUSIVE CONTACT

LATE TRIASSIC

1 NICOLA GROUP
Andesitic lapilli tuff, augite phenoclasts common : a – argillized ± silicified
: b – carbonatized (mainly ankerite)
: c – chloritic, calcareous
: d – actinolite tactite.
: e – diopside-garnet ± actinolite tactite

INCO GOLD
INCO GOLD COMPANY, A UNIT OF INCO LIMITED

Copper Cliff, Ontario
POM 1NO

Project: EPI 1-4 & K.G.D. CLAIMS | Area: Vidette L., Clinton M.D., B.C.

DRILL HOLE LOCATION MAP | SHEET | FIGURE 3

Supervisor: WIM GROENEWEG	Instrument:	Survey date:	
Compiled by: J A. MORIN	Drawn by: J. A. M.	Date drawn: 8/31/89	Revised:
Scale: 1:5000	File:	N.T.S. 92 P/2 W.	