ARIS SUMMARY SHEET

District Geologist, Nelson | Off Confidential: 92.09.16

ASSESSMENT REPORT 21916 | MINING DIVISION: Greenwood

PROPERTY: Outback
LOCATION: LAT 49 41 00 LONG 118 28 00
UTM 11 5504236 394197
NTS 082E09E
CLAIM(S): Outback
OPERATOR(S): Inco Ltd.
AUTHOR(S): Bohme, D.M.
REPORT YEAR: 1991, 102 Pages
COMMODITIES
SEARCHED FOR: Gold,Silver
KEYWORDS: Tertiary,Cretaceous-Jurassic,Okanagan Batholith,Marron Group
Quartz-feldspar porphyry,Felsites,Breccias,Stockworks,Electrum
Acanthite
WORK
DONE: Drilling,Geochemical,Geological
DIAD 807.1 m 6 hole(s);BQTW
Map(s) - 1; Scale(s) - 1:1000
PETR 2 sample(s)
SAMP 870 sample(s) ;ME
Map(s) - 2; Scale(s) - 1:500
RELATED
REPORTS: 07160

DIAMOND DRILLING REPORT

ON THE

OUTBACK CLAIM GROUP
(Outback, Outback 3-4, Outback 7-10)

Greenwood Mining Division
N.T.S. 82E-9, 16
Latitude: 49°41'N; Longitude: 118°28'W
OWNER: Canadian Nickel Company Limited
OPERATOR: Inco Limited

Dennis M. Bohme, P.Eng.
Inco Exploration and Technical Services Inc.
Project Geologist
December 4, 1991

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1.0 SUMMARY

This report describes the results of the drilling program conducted on the Outback claim group during the period June 5, 1991 to August 2, 1991. The claim block covers part of the upper Granby River Valley and is located approximately 75 km north of Grand Forks, British Columbia. Access is via helicopter. The property is being explored for a porphyry-style gold-silver deposit.

The local geology is dominated by Tertiary block-faulting with Cretaceous-Jurassic basement plutonic rocks unconformably overlain by narrow slices of Eocene Marron Group volcanic rocks and minor basal conglomeratic sediments. The Granby River Fault is a steep, west-dipping normal fault interpretated to be the northern strike extension of the Republic Graben fault system south of the International Boundary.

The 1991 drill program determined that erratic gold-silver mineralization occurs in weak to moderately developed quartz-carbonate stockworks and discrete veinlets hosted largely within a quartz-feldspar porphyry of probable Eocene age. Six holes totalling 807.1 m were drilled from one site.

Low to moderately anomalous gold values, accompanied by variable degrees of silicification, bleaching, argillization and pyritization, are crudely restricted to the lower portion of a quartz monzonite/cataclasite succession and the upper portion or margins of the feldspar porphyry. Grades of between 0.4 to 1.5 g/t Au are common for core intervals ranging from 0.5 to 4.5 m. One hole averages 0.83 g/t Au over 12.20 m. The best drill intercept was 3.02 g/t Au over 1.3 m including 6.51 g/t Au and 37.0 g/t Ag over 0.44 m. Very fine-grained electrum and acanthite replacing pyrite were identified in thin section.

The feldspar porphyry is characterized by a high-background gold content. Dimensions of the silicic alteration and associated mineralization, as inferred by driling, are estimated to be a maximum 50 m thick, 110 m in the east-west direction and a minimum 40 m in the north-south direction. Overall, the extensional tectonic setting, the tenor of precious metal mineralization, the porphyry-style alteration/mineralization/zonation and associated geochemistry resemble porphyry gold deposits in the Andean Cordillera of Chile. An alteration study and detailed geological mapping is recommended for the Outback property in order to seek additional drill targets with the porphyry-gold model in mind.

2.0 INTRODUCTION

This report documents the drilling program conducted on the Outback claim group during the period June 5, 1991 to August 2, 1991. Six holes totalling 807.1 m were completed.

2.1 Location, Access and Topography

The Outback property is located within the Monashee Mountains of southern British Columbia, approximately 75 km north of the town of Grand Forks (Figure 1). The property lies in the upper Granby River Valley just north of Bluejoint Mountain and covers about 15 km of the valley in a north-south direction.

Access to the property is via helicopter. Flight time from either Grand Forks or Vernon is about 30 minutes. The main Granby River logging road comes to within 10 km of the southernmost claim boundary. Recent logging on the headwaters of Goatskin Creek may eventually lead to some road access to northern part of the property via the Rendell Creek road.

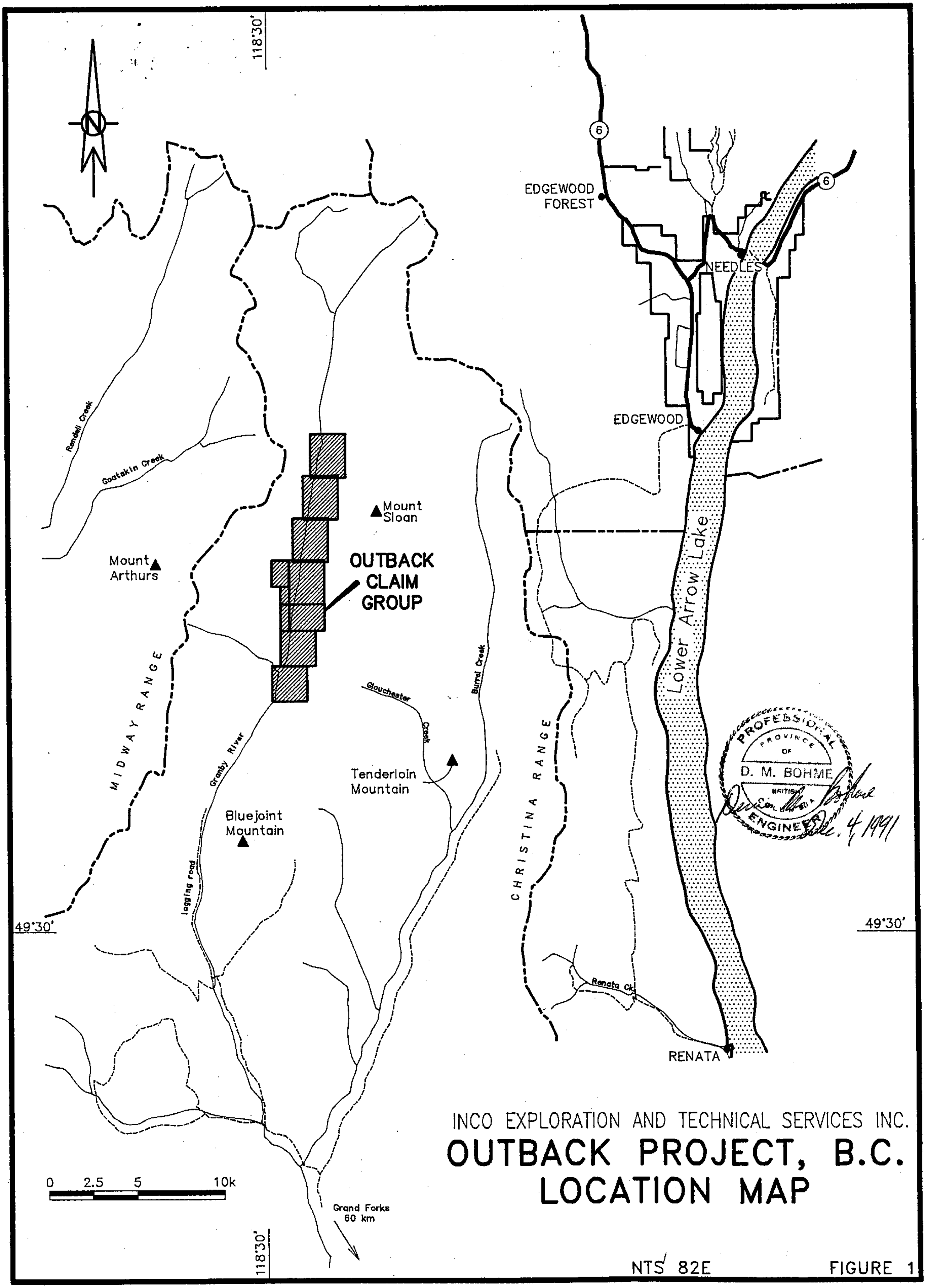
Topographic relief varies from flat valley benches to moderately steep terrain. Elevations range from 1036 metres (3400') in the Granby River Valley to over 1829 metres (6000') on some ridgetops.

The property lies within the Granby Forest District and is quite heavily treed by mostly mature and some immature stands of spruce, fir, alder and some cedar. A 25-year old burn is still evident over most of the Outback and Outback 2 claims.

Bedrock exposure is generally good. Large outcrops are found along steeply incised creek gullies, the Granby River, and on most ridgetops.

2.2 Property Definition

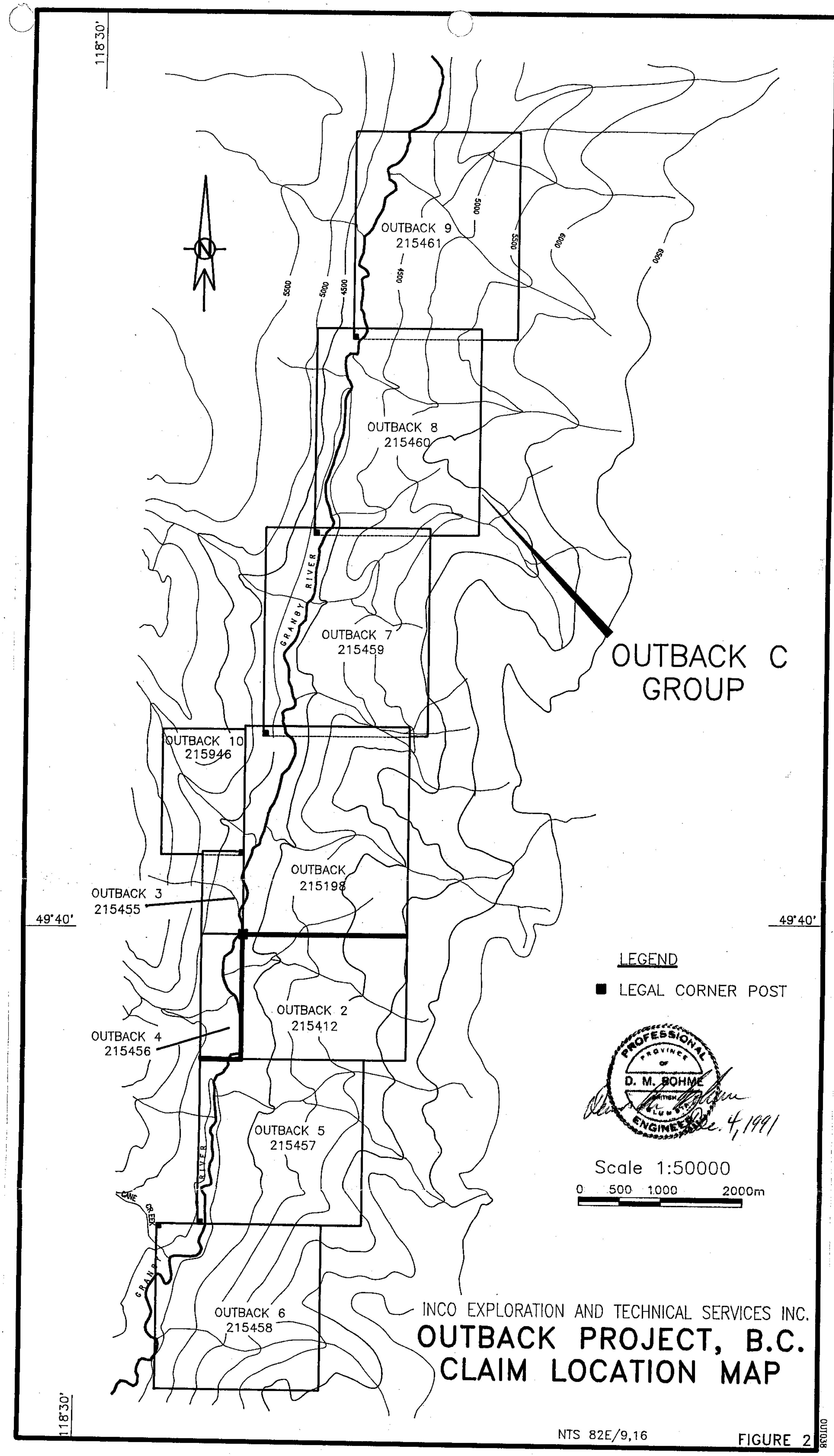
The Outback, Outback 3-4 and Outback 7-10 claims discussed in this report were recorded in the Greenwood Mining Division and comprise 91 claim units or 2275 hectares. In total, the Outback property includes 135 contiguous claim units or 3375 hectares. For assessment purposes the claims have been grouped under the group name Outback C (Figure 2). Pertinent details are as follows:



INCO EXPLORATION AND TECHNICAL SERVICES INC.

OUTBACK PROJECT, B.C.
LOCATION MAP

NTS 82E FIGURE 1


118°30'
OUTBACK 9
215461
OUTBACK 8
215460
GRANBY RIVER
OUTBACK 7
215459
OUTBACK C
GROUP
OUTBACK 10
215946
OUTBACK
215198
OUTBACK 3
215455
49°40'
49°40'
LEGEND
LEGAL CORNER POST
OUTBACK 2
215412
OUTBACK 4
215456
PROFESSIONAL
D. M. BOHME
ENGINEER
Scale 1:50000
0 500 1000 2000m
OUTBACK 5
215457
RIVER
CANE CREEK
GRANBY
OUTBACK 6
215458
INCO EXPLORATION AND TECHNICAL SERVICES INC.
OUTBACK PROJECT, B.C.
CLAIM LOCATION MAP
118°30'
NTS 82E/9,16
FIGURE 2
OUT038

Group: Outback C

Claim	Units	Expiry Date	Tenure Number
Outback	20	December 14, 2001*	215198
Outback 3	2	October 2, 2001*	215455
Outback 4	3	October 2, 2001*	215456
Outback 7	20	October 3, 2001*	215459
Outback 8	20	October 4, 2001*	215460
Outback 9	20	October 4, 2001*	215461
Outback 10	6	September 20, 2001*	215946

* Denotes pending acceptance of this report.

The following table lists the other contiguous claims not eligible for assessment credit under this report:

Claim	Units	Expiry Date	Tenure Number
Outback 2	12	August 24, 1996	215412
Outback 5	16	October 3, 1993	215457
Outback 6	16	October 2, 1993	215458

The Outback claims are owned by Canadian Nickel Company Limited which is a wholly owned subsidiary of Inco Limited.

2.3 Property History

Prior to 1988 the area saw very little work in the way of systematic mineral exploration.

H.W. Little of the Geological Survey of Canada mapped the north Grand Forks - Kettle River region between 1953 - 56 (Map 6-1957).

During the late 1970's, uranium and limited base metal exploration were conducted within the Okanagan - Valhalla Batholiths. Kelvin Energy Ltd. and Getty Minerals staked most of the Granby River Valley in 1977 - 78 in search of uranium in Tertiary sediments. Stream sediment and rock samples were analyzed for Cu, Pb, Zn, Ag, Mo and U. Tributaries on the Outback 2 and 9 claims showed weak anomalies in silver of up to 1.6 g/t.

During 1988, Inco Exploration and Technical Services Inc. and Discovery Consultants of Vernon, B.C. conducted a limited program of soil sampling, geological mapping and rock sampling on the Outback and Outback 2 claims after examination of the heavy mineral stream sediment results indicated gold mineralization in the area. A total of 286 soil, 22 silt and 59 rock samples were collected. Results of this work were documented in the 1989 assessment report by D.M. Bohme.

In 1990, detailed grid soil sampling, prospecting, mapping at 1:5000 scale and extensive rock sampling led to the discovery of epithermal-style gold-silver mineralization. A total of 112 soil, 28 silt and 529 rock samples were collected. About 300 rock samples were collected within a 500 by 150 m area known as the Cliff Zone. Gold mineralization was found to be associated with weakly banded quartz-carbonate-adularia(?) veinlets and open-space drusy quartz replacement zones within a variably propylitic/argillic altered intrusive host. Gold content ranged from 0.4 to 28.2 g/t and up to 150 g/t Ag in grab samples. Chip sampling returned 14.5 g/t Au over 2.6 m, 1.2 g/t Au over 5.5 m and 6.42 g/t Au over 4 m including 1 m of 18.1 g/t Au. The bulk of this program was carried out between September 19 - October 2, 1990 and only work prior to August 24 was reported in the 1990 assessment report by D.M. Bohme. Encouraging results, largely from the fall program, upgraded the Cliff Zone area to a viable drill target.

2.4 Work Summary

An 807.1 m (2648') diamond drill program was carried out from June 22 to July 16, 1991 by Inco Limited and Roger's Drilling Services Inc. of Vancouver, B.C. A total of six BQTW holes were drilled from one site on the Outback claim. A seven-man camp was established about 150 m south of the drillsite.

With the exception of a few metres, all drill core was split and 870 core samples were analyzed by Acme Analytical Laboratories Ltd. of Vancouver, B.C. Samples were analyzed by the ICP method for 30 elements and by atomic absorption from a 20 gram sample for gold.

A petrographic/mineralogy report is included in Appendix III.

3.0 REGIONAL GEOLOGY AND STRUCTURE

The regional geology is dominated by Mesozoic granodiorite plutons mapped as part of the Okanagan Batholith complex and includes undifferentiated phases of the Nelson Batholith (GSC Open File 1969). Subordinate intrusive masses include the Middle Eocene Coryell Syenite. High-grade gneiss and Proterozic crystalline basement rocks occur to the north.

Within the Granby River Valley, the geology is locally dominated by Tertiary block faulting with Mesozoic basement plutonic rocks unconformably overlain by Eocene age Marron Group volcanic rocks and minor basal conglomeratic sediments. Flat-lying vesicular basalt flows of Miocene age were also seen in a few localities.

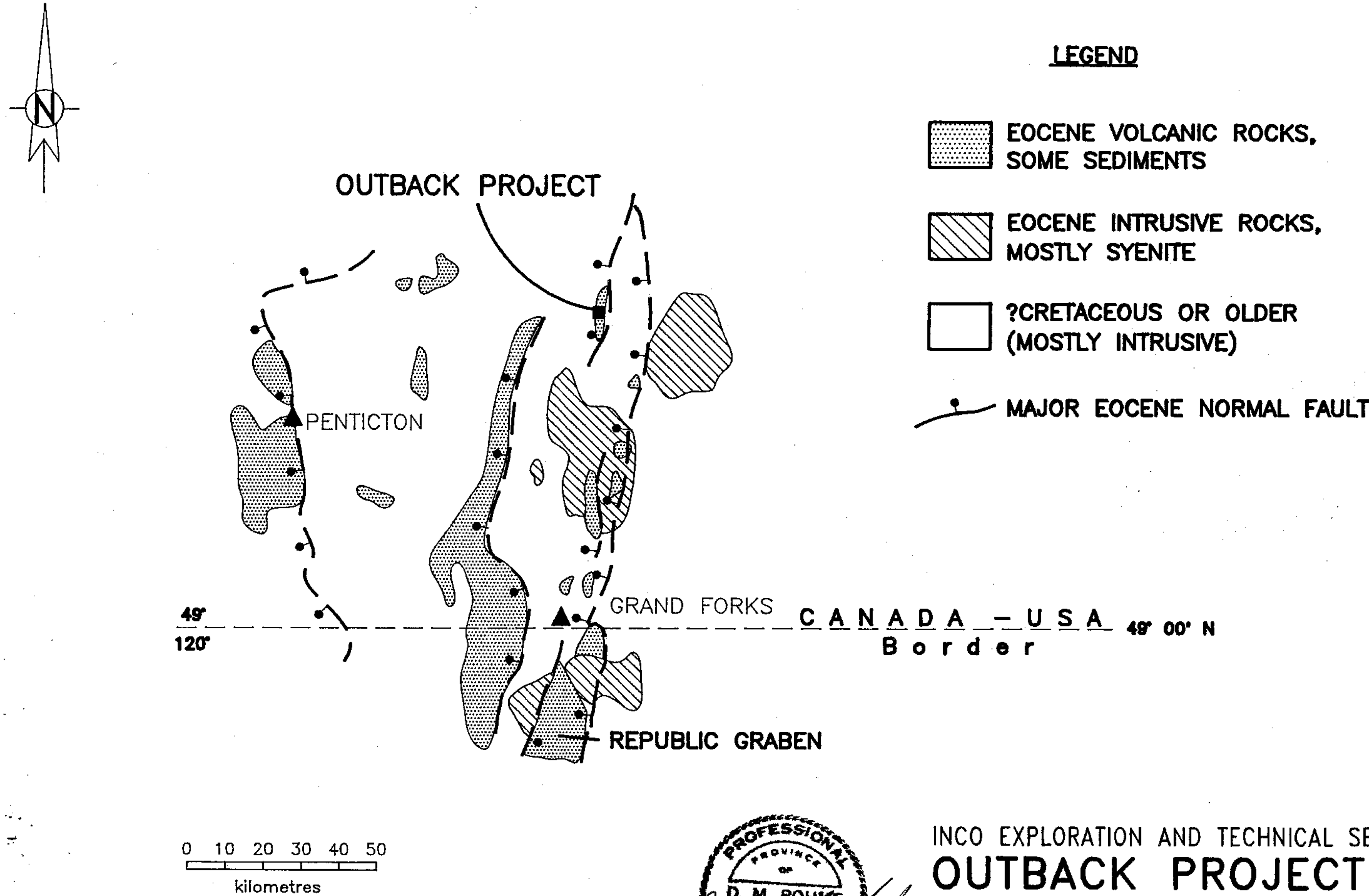
Government mapping denotes the Granby Fault as a west dipping high-level normal fault (Figure 3). The Granby River marks the western margin and the northern strike extension of the Republic Graben Fault system in Washington State. This important regional extensional feature forms a structural locus for numerous epithermal adularia-sericite vein deposits within the Republic District.

4.0 PROPERTY GEOLOGY AND MINERALIZATION

The Outback property is mostly underlain by Mesozoic plutonic rocks of granite to quartz monzonite composition; however, drilling also confirmed the presence of a distinct quartz-feldspar porphyry unit of probable Eocene age. This bleached "QFP" unit was originally thought to represent an argillic/ silicic alteration front related to a fault splay cutting the quartz monzonite. Drilling suggests that this NNW-trending fault splay is cut off by the porphyry (Figure 4).

Major rock types on the property include quartz monzonite to granodiorite plutonic rocks of the Okanagan Batholith complex, cataclastically deformed propylitized quartz monzonite, Marron Group andesitic flows, minor sedimentary lithologies and a few occurrences of Miocene basalt. The northernmost portion of the claim block contains a large segment of Marron volcanics that is preserved in a narrow graben.

A weakly developed stockwork of hairline to centimeter-size milky white, drusy chalcedonic quartz occurs over a 500 by 150 m area known as the Cliff Zone. The best gold-silver mineralization occurs in close proximity to the quartz-feldspar porphyry/quartz monzonite contact in quartz-veinlet stockworks. This contact zone is poorly exposed at surface but well-veined float samples can be seen. Open space, vuggy quartz-carbonate veinlets were also noted in the quartz monzonite and cataclasite units.



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D. M. BOHME

Dec. 4, 1991

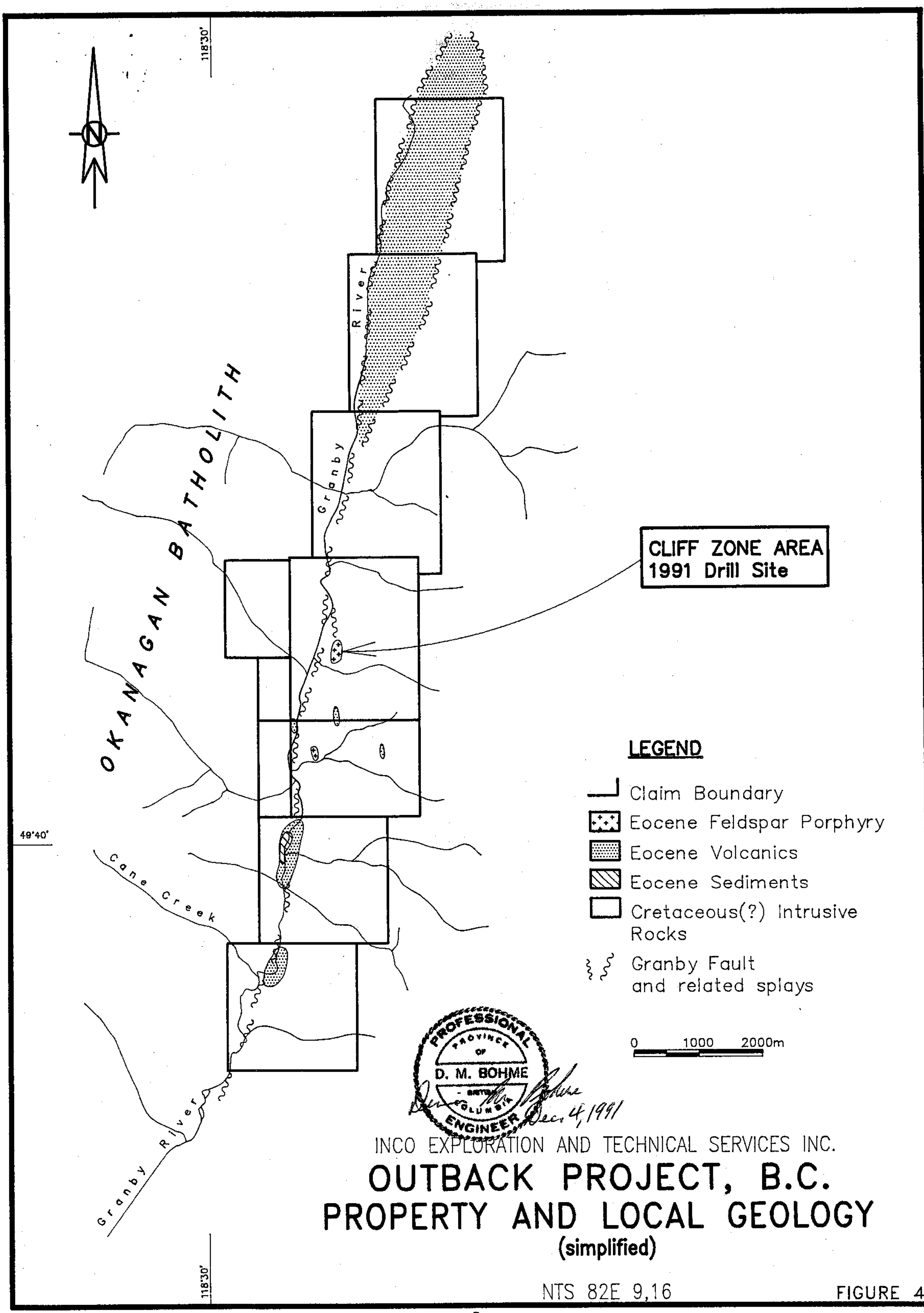
INCO EXPLORATION AND TECHNICAL SERVICES INC.

OUTBACK PROJECT, B.C.
REGIONAL GEOLOGY

(simplified after Parrish, et al)

FIGURE 3

OUT042



INCO EXPLORATION AND TECHNICAL SERVICES INC.

OUTBACK PROJECT, B.C.
PROPERTY AND LOCAL GEOLOGY
(simplified)

NTS 82E 9,16

FIGURE 4

Detailed chip sampling in 1990 returned some encouraging results. Grab samples of residual rock fragments from two soil sites which ran 1.43 and 2.28 g/t Au returned assays of 11.52 and 24.64 g/t Au, respectively. Samples from an exposure nearby averaged 14.5 g/t Au over 2.6 m. Silver values are typically in the 1.0 to 50.0 g/t range. All indicator elements are very low. Overall, the geochemistry, alteration and vein textures were originally interpreted to represent the lower levels of an epithermal vein system.

5.0 DRILLING

The objective of the 1991 drill program was to test the size, grade and continuity of the epithermal-style precious metal mineralization of the Cliff Zone. Six holes were drilled from one site utilizing a JKS-Boyles Super 300 drill rig. Core recovery was excellent.

5.1 Program

Borehole logs and analytical results are included in Appendices I and II, respectively. The collar location was surveyed by chain and compass. Maximum casing depth for all holes was 1.5 meters.

All core is stored at the drill site on the Outback claim. Core boxes were stacked to a maximum height of 13 boxes and placed on a level platform of lumber slightly elevated above ground.

The drill program on the Outback claim is summarized by the following table:

BOREHOLE NUMBER	COLLAR LOCATION	ELEVATION (meters)	AZI-MUTH	INCLI-NATION	DEPTH (meters)
87001	-4246S/5785E	1371.5	270°	-55°	223.11
87002	-4246S/5785E	1371.5	320°	-60°	172.52
87003	-4245S/5785E	1371.5	340°	-65°	115.21
87004	-4245S/5785E	1371.5	340°	-86°	124.36
87005	-4246S/5786E	1371.5	105°	-45°	84.43
87006	-4246S/5786E	1371.5	130°	-45°	87.47

The location of the holes and general geology are displayed on Map 1 at 1:1000 scale. Cross sections of the drilling are shown on Maps 2 and 3 at 1:500 scale. Only gold results greater than 0.5 g/t are plotted.

5.2 Results and Discussion

All drill holes were collared in the quartz monzonite/cataclasite succession and, with the exception of BH 87001, were terminated in a distinct quartz-feldspar porphyry unit of probable Eocene age. Holes 87001 to 87004 were devised to undercut gold mineralization outlined from surface sampling whereas holes 87005 and 87006 were drilled to test the lateral extent of the mineralization/alteration easterly into the hillside. Relatively few faults were intersected.

Hole 87001 was drilled roughly parallel to the dip-slope and was designed to cut the entire package of propylitic, argillic and silicic alteration observed at surface. This hole intersected 99.4 meters of intercalated quartz monzonite/cataclasite and 107 meters of bleached, massive, quartz-feldspar porphyry before ending in strongly foliated, chloritized intrusive rock. Contacts are usually sharp; however, in several localities the overlying quartz monzonite is weakly bleached by argillic alteration which tends to obscure the intrusive contact. The feldspar porphyry appears to be a tabular-shaped plug dipping roughly 20 to 35° to the west. A narrow felsite(?) dyke was noted near the bottom of BH 87001.

The whitish-buff coloured feldspar porphyry is typically fine to medium-grained and characterized by weak to intermediate argillization with very fine interstial pyrite generally throughout. Extremely fine sericite may also be present. Some sections are well silicified by milky white quartz. Fine fracture coatings and rusty zones of limonitic oxidation are not uncommon. Variable amounts of goethite, dark manganese, calcite, kaolinite and pitted zeolites were also noted in the core. Fine, glassy quartz phenocrysts are relatively scarce and probably comprise less than 10 volume percent of the porphyry.

Propylitization in the overlying intrusive block is characterized by strong epidote, carbonate, chlorite and pyrite alteration. Magnetite may also be abundant. The cataclasite unit typically shows fine cubic pyrite, strong chloritic alteration of mafic minerals and discontinuous calcite or quartz-carbonate veinlets. Some intervals were described as densely foliated or weakly mylonitic.

From the drilling, several observations can be made regarding the quartz veinlet stockworks, alteration and mineralization. They are summarized as follows:

1) The upper contact area of the feldspar porphyry is characterized by a weak to moderate stockwork of milky white to light gray silica veinlets carrying only trace amounts of very fine sulphides (mainly pyrite).

2) Quartz and/or quartz-carbonate-feldspar(?) veinlets typically form as fairly tight fracture fillings ranging from a few millimeters to 10 centimeters in width. Stockworking, braiding, irregular silicic flooding and veinlet brecciation are relatively common features over core lengths of several meters particularly within the upper portions of the feldspar porphyry unit.

3) The porphyry-hosted stockwork zones typically carry grades of between 0.20 to 1.5 g/t Au. The gold content is not proportional to stockwork density.

4) Silicic/argillic alteration accompanied by erratic gold-silver mineralization tends to concentrate within roughly 20 to 25 m of either side of the quartz monzonite/feldspar porphyry contact. Anomalous gold values tend to correlate more with the upper portions of the feldspar porphyry. This is best exemplified in BH 87004 between 34.0 to 73.0 m. One section (55.8 - 68.0 m) averages 0.83 g/t Au over 12.20 m including 5.2 g/t Au and 61.0 g/t Ag over 0.45 m. The density of quartz veinlets is not particularly strong over this section.

5) The cataclasite often hosts a higher density of open-space quartz-carbonate veinlets (both conformable and cross-cutting foliation) than the more massive quartz monzonite. Grades rarely exceed 2 g/t Au and 21 g/t Ag for veinlets hosted by these two units.

6) Stockwork veinlets are comprised of drusy, granular gray-white quartz and milky white chalcedonic quartz. The higher gold-silver intercepts tend to occur where very fine pyrite and acanthite are present in the veinlets. Also, small scale brecciation and vaguely banded crustiform textures were noted for some auriferous quartz-carbonate veinlets.

Analytical results from boreholes 87002, 87003 and 87004 further demonstrate the erratic nature of significant gold intercepts (>2.5 g/t Au); however, 0.5 to 4.5 m wide core intervals averaging between 0.4 to 2.3 g/t Au are not unusual and should be regarded as highly anomalous for a porphyry. Also, significantly elevated gold grades do not occur below approximately the 90 m elevation relative to the borehole collars (consistently less than 0.20 g/t Au). This suggests some form of zonation of the porphyry-style mineralization.

The best drill intercept is 3.02 g/t Au over 1.3 m including 6.51 g/t Au and 37.0 g/t Ag over 0.44 m (BH 87003). A Scanning Electron Microscope probe from this section identified very fine-grained electrum and acanthite replacing fine pyrite.

The results of boreholes 87005 and 87006 drilled towards the east are disappointing in the sense that stockwork veining around the contact area is noticeably weaker and gold values are very low. However, both holes intersected a discordant hydrothermal breccia measuring about 1 m wide. The breccia contains highly silicified, rounded to subangular intrusive fragments cemented in a dark grayish-green, chloritized(?), chalcedonic quartz matrix. Finely disseminated pyrite is ubiquitous. Some sections are calcareous. In BH 87006, the breccia zone ran 3.65 g/t Au over 1.13 meters.

Some important observations can be made from the ICP data. Traditional indicator elements such as Mo, Ba, As and Sb are uniformily low with few exceptions. Lead however shows a marked increase ranging between 9 to 45 ppm within the porphyry. Petrographic work identified minute grains of galena with the gold-silver mineralization. Copper averages between 25 to 70 ppm in the quartz monzonite/cataclasite succession and less than 10 ppm within the feldspar porphyry.

The alteration types, fracturing, Au-Ag zonation, mode of silicification, lithogeochemistry, evidence of dyking and the breccia feature are interpretated to represent a weak(?) hydrothermal system evolving from the quartz-feldspar porphyry intrusion. Several young porphyry-type gold deposits are known in the Andean Cordillera of Chile and they bear some similarities to the Outback porphyry occurrence. In Chile, the Marte, Lobo and Refugio are gold-rich, quartz stockworks developed in dioritic to quartz dioritic porphyry stocks (Vila, 1991). Gold, with or without anomalous copper, is introduced with biotite-rich K silicate alteration which is commonly overprinted and destroyed by intermediate argillic assemblages (Vila, 1991). All three deposits are large tonnage, low grade (averaging 1.43, 1.6 and 0.95 g/t respectively) and ammenable to heap leaching by cyanidation.

6.0 CONCLUSIONS

Drilling on the Outback claim has determined that erratic Au-Ag mineralization occurs in weak- to moderately-developed quartz-carbonate stockworks and discrete veinlets hosted largely within a newly recognized quartz-feldspar porphyry. Low to moderately anomalous gold grades, accompanied by variable degrees of silicification, bleaching, argillization and pyritization, are crudely restricted to the lower portion of the quartz monzonite/cataclasite succession and the upper portion or margins of the feldspar porphyry intrusion. The alteration intensity (particularly the quartz veinlet density) displays a gradational but marked decrease with depth. The mineralization and hydrothermal alteration characteristic of the Cliff Zone is clearly porphyry-related rather than a mid- to high-level epithermal-type.

Although no economic gold intercepts were recorded, a high gold background is recognized for the porphyry. Grades of 0.20 to 1.5 g/t Au are common over widths of several meters. Associated silver grades are typically in the 1 to 16 g/t Ag range.

Dimensions of the underlying quartz-veinlet stockwork zone are estimated to be a maximum of 50 m thick, 110 m in the east-west direction and a minimum 40 m in the north-south direction. No prominent structural controls on the alteration/mineralization were recognized in drill core and the lateral extent of the auriferous zone remains open, particularly in the north-south directions.

The drill program tested only a small portion of this gold-enriched porphyry-type system and results should be viewed as encouraging based on similarities to pluton-related gold deposits of the Andean Cordillera. With the porphyry target in mind, the bulk tonnage gold potential should be explored for accordingly in future programs. However, structurally controlled breccia pipes carrying high-grade gold or pluton-related vein deposits should not be ruled out for the area.

7.0 RECOMMENDATIONS

The geological information gained on this newly recognized porphyry-gold occurrence from the 1991 drill program is considerable. Further exploration is warranted for the Outback Property. Future exploration programs should encompass the following recommendations:

1) A lithogeochemistry and alteration study should be carried out on the core, pulps and selected specimens to further understand the porphyry-related hydrothermal alteration and mineralization.

2) Similar-looking, bleached feldspar porphyry rocks were noted elsewhere on the property both as float and as small subcroppings, particularly in the northwestern corner of the Outback 2 claim. Weakly anomalous gold values obtained in rock and soil samples from this area during the 1989 and 1990 programs warrant detailed geologic follow-up in light of this porphyry discovery. Grid line-spacings of 25 m are recommended for control.

3) Further geological work is warranted within the Cliff Zone area in order to generate new drill targets. Step-out drilling away from the mineralized zone may be justified in order to establish controls, continuity and tonnage potential of the low grade porphyry-gold occurrence. Also, a higher-grade core zone, breccia pipe or vein-type deposit for this geologic environment should not be ruled out at depth.

4) Contigent on the geochemical and geological vectors obtained from the above mentioned surveys, a modest drill program is recommended for the best new target area in order to test the model for its volume potential.

8.0 REFERENCES

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9.0 STATEMENT OF EXPENDITURES

Personnel

Project Geologist	June 5-August 2/91		
D. Bohme	52 days @ $230/day	$11,960	
Core Splitter	June 17-July 19/91		
R. Soloman	30 days @ $100/day	3,000	
			$14,960

Drilling

Roger's Drilling Services Inc. (6 holes, 807.1 m)	June 22-July 16/91 -includes meals		$74,069

Assays

Acme Labs	870 core samples @ $15.50/sample		$13,485

Transportation

Helicopter 206B	66.6 hrs. @ $750/hr including fuel	$49,950	
4x4 Truck Rental	32 days @ $100/day including fuel	3,200	
			$53,150

Miscellaneous

Accommodation	$ 416	
Petrographic work	385	
Lumber, hardware, etc.	2,590	
Communications, reproductions	1,029	
Computer usage	500	
		$4,920

Total	$160,584

10.0 STATEMENT OF QUALIFICATIONS

I, Dennis Martin Bohme, of the City of Vancouver, in the Province of British Columbia, do hereby certify that:

1. I reside at 57 East 40th Avenue, Vancouver, British Columbia, V5W 1L3.

2. I am a graduate of the British Columbia Institute of Technology with a diploma in Mining Technology, 1980.

3. I am a graduate of the Montana College of Mineral Science and Technology in Butte, Montana, with the degree of Bachelor of Science in Geological Engineering, 1985.

4. I have been employed in mining exploration as a technologist and a geological engineer with Newmont Exploration of Canada Limited from May 1980 until February 1989, except for 18 months when I was attending university.

5. I am a registered Professional Engineer in the Province of British Columbia.

6. I am a Fellow member of the Geological Association of Canada.

7. I am a member of the Society of Economic Geologists, Inc.

8. I am a Project Geologist with Inco Exploration and Technical Services Inc. with offices at 2690-666 Burrard Street, Vancouver, B.C., V6C 2X8.

9. I personally carried out and supervised most of the work described in this report.

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — DENNIS M. BOHME

Dennis M. Bohme, P.Eng.
December 4, 1991
Vancouver, B.C.

APPENDIX I

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		metres, narrow breccia zone with irregular carbonate rich fracture.									
		6.00 12.20 Medium grained, propylitized quartz monzonite with pinhead pyrite generally throughout and millimetre size irregular carbonate veinlets. At 8.3 and 8.9 metres, weak stockwork - quartz carbonate vein breccia zones noted with minor fine grained quartz. Epidotized patch at 10.70 metres.									
12.20	12.90	FAULT									
		Strongly fractured along core axis as evidenced by pitted, cross cutting siliceous carbonate veinlet. More likely a fracture slip plane rather than a fault. Some core missing.	12.20	12.90	0.70	FX 479265	0.008	0.100	16.	2.	4.
12.90	25.75	QUARTZ MONZONITE									
		Poorly to moderately	12.90	14.40	1.50	FX 479266	0.002	0.100	37.	2.	2.
		foliated chloritic quartz monzonite	14.40	15.60	1.20	FX 479267	0.007	0.300	176.	1.	2.
		with distinct dark gray to black	15.60	17.10	1.50	FX 479268	0.001	0.100	44.	2.	2.
		chlorite - magnetite rich bands	17.10	18.70	1.60	FX 479269	0.001	0.100	26.	2.	2.
		generally perpendicular to core axis.	18.70	20.20	1.50	FX 479270	0.003	0.100	27.	1.	2.
		Irregular blebs of pyrite, fine calcite	20.20	22.40	2.20	FX 479271	0.006	0.100	16.	1.	2.
		veinlets and minor epidote common.	22.40	23.90	1.50	FX 479272	0.002	0.100	14.	1.	4.
		Chloritic cataclasite bands up to 50	23.90	25.75	1.85	FX 479273	0.002	0.100	28.	2.	3.
		centimetres wide but typically less than 10 centimetres wide.									
		15.05 15.50 Intense fine grained, dark green to black cataclasite zone at 85 degrees to core axis.									
		15.95 16.15 Cross cutting calcite veinlet at 20 degrees to core axis									

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		offsets narrow chlorite - pyrite bands by 2 centimetres. 17.00 25.75 Almost entirely propylitized quartz monzonite porphyry with patchy pink altered plagioclase and green epidote. A few calcite fractures, locally crenulated to some broken core. Trace pyrite.									
25.75	28.50	CATACLASITE									
		Cataclastically foliated to	25.75	26.50	0.75	FX 479274	0.008	0.400	186.	15.	5.
		hard, siliceous mylonitic - chloritic	26.50	27.85	1.35	FX 479275	0.001	0.300	106.	1.	2.
		rock. Fine grained interstitial pyrite throughout, locally as blebs to some pyrite - epidote streaks. Between 25.8 to 26.5 metres, some boudinaged quartz and minor cross cutting quartz carbonate veinlets. 27.50 27.90 Strongly foliated broken core. Chloritic throughout with discontinuous carbonate laminae. 27.90 28.50 Fine to medium grained cataclasite. Parallel milky white quartz veinlets at 26.60 metres with fine carbonate selvages. Locally magnetic.	27.85	28.50	0.65	FX 479276	0.001	0.300	79.	2.	3.
28.50	40.20	QUARTZ MONZONITE									
		Gradational contact to	28.50	29.50	1.00	FX 479277	0.028	0.200	33.	1.	6.
		variably propylitized to potassic	29.50	31.00	1.50	FX 479278	0.008	0.100	30.	2.	2.
		altered intrusive.	31.00	32.30	1.30	FX 479279	0.007	0.100	8.	1.	4.
		32.30 34.20 Very dense, siliceous -	32.30	34.80	2.50	FX 479280	0.009	0.200	50.	1.	2.
		looking section. Weakly foliated, fine	34.80	36.40	1.60	FX 479281	0.038	0.300	26.	2.	3.
		biotite - chlorite throughout. Locally	36.40	38.00	1.60	FX 479282	0.014	0.200	72.	2.	2.
		magnetic.	38.00	40.20	2.20	FX 479283	0.010	0.200	17.	1.	2.

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DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		At 34.2, mostly fine to medium grained chloritized quartz monzonite. A few thin calcite fractures with minor quartz. Locally forms a weak stockwork. Trace pyrite and epidote alteration.									
40.20	43.35	CATACLASITE									
		Calcareous, dark green to black colour, variably foliated. Upper contact at 10 degrees to core axis with carbonate sweats. Fine pyrite throughout, locally hematitic. Weakly magnetic. Lower contact marked by small carbonate - chlorite matrix breccia zone.	40.20	41.50	1.30	FX 479284	0.092	0.600	30.	1.	2.
			41.50	43.35	1.85	FX 479285	0.730	2.000	46.	1.	2.
43.35	46.20	QUARTZ MONZONITE									
		43.35 44.70 Weakly foliated, pinkish quartz monzonite with irregular calcite streaks throughout. Moderate propylitic alteration. At 45.30 metres, brown to white coloured carbonate veinlet at 10 degrees to core axis. Lower contact gradational.	43.35	45.00	1.65	FX 479286	0.055	0.200	17.	2.	2.
			45.00	46.20	1.20	FX 479287	0.041	0.200	22.	1.	2.
46.20	52.20	CATACLASITE									
		Very dense, generally fine grained chlorite - biotite - magnetite rich cataclasite section. Foliation perpendicular to core axis. Dark black ? biotite rich zones carry wispy pyrite pods and clots up to 1 centimetre across. At 48.10 and 48.65 metres, irregular milky white quartz calcite veinlets almost perpendicular to core	46.20	47.90	1.70	FX 479288	0.029	0.500	46.	3.	5.
			47.90	48.70	0.80	FX 479289	0.004	0.500	101.	6.	3.
			48.70	50.00	1.30	FX 479290	0.017	1.200	695.	6.	3.
			50.00	50.90	0.90	FX 479291	0.014	0.400	30.	3.	2.
			50.90	52.20	1.30	FX 479292	0.470	2.200	30.	8.	2.

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FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		axis. Possible fault gouge about 3									
		centimetres wide at 49.95 metres.									
		50.60 52.20 Moderate to massive									
		foliated, green to black cataclasite									
		with fine pyrite streaks and coarse									
		magnetite pods. Disseminated pyrite up									
		to 1 - 2%. Some drusy quartz carbonate									
		veinlets.									
52.20	94.60	QUARTZ MONZONITE									
		Medium grained, siliceous,	52.20	52.80	0.60	FX 479293	0.110	4.100	2.	1.	3.
		crowded - textured quartz monzonite	52.80	54.00	1.20	FX 479294	0.073	0.600	21.	1.	2.
		with occasional tectonized cataclasite	54.00	55.50	1.50	FX 479295	0.091	0.300	15.	7.	4.
		section up to 20 centimetres wide.	55.50	56.70	1.20	FX 479296	0.078	0.300	13.	4.	2.
		52.20 54.00 Several irregular quartz	56.70	58.10	1.40	FX 479297	0.100	0.200	20.	2.	2.
		carbonate veinlets, minor veinlet	58.10	59.50	1.40	FX 479298	0.008	0.200	26.	2.	2.
		breccia.	59.50	60.30	0.80	FX 479299	0.025	0.400	39.	2.	2.
		55.50 60.30 Propylitized intrusive cut	60.30	61.30	1.00	FX 479300	0.960	0.800	25.	3.	2.
		by irregular quartz and / or quartz	61.30	62.30	1.00	FX 479301	0.060	0.400	34.	2.	2.
		carbonate veinlets less than 0.05	62.30	63.58	1.28	FX 479302	1.460	6.500	52.	6.	3.
		centimetres wide. Weak stockwork	63.58	64.20	0.62	FX 479303	0.270	0.300	17.	1.	4.
		developed in places. Fine pyrite	64.20	65.20	1.00	FX 479304	0.097	0.500	26.	7.	2.
		locally along veinlet selvages and	65.20	66.20	1.00	FX 479305	0.380	0.800	41.	3.	3.
		disseminated generally throughout	66.20	67.20	1.00	FX 479306	0.018	0.300	26.	6.	2.
		porphyritic matrix.	67.20	68.80	1.60	FX 479307	0.040	0.700	17.	2.	3.
		60.30 61.30 Weak foliation developing	68.80	70.00	1.20	FX 479308	0.066	0.400	24.	4.	3.
		with some carbonate veinlets.	70.00	71.00	1.00	FX 479309	0.030	0.300	24.	1.	2.
		61.30 66.20 Weak to moderate	71.00	71.93	0.93	FX 479310	0.019	0.300	23.	2.	2.
		stockworking of mostly white to brown	71.93	72.25	0.32	FX 479311	0.400	4.400	21.	1.	3.
		carbonate veinlets with occasional	72.25	73.70	1.45	FX 479312	0.025	0.300	20.	2.	3.
		quartz rich veinlet. Cross cutting	73.70	74.50	0.80	FX 479313	0.052	0.600	48.	2.	5.
		veinlets at 80 degrees to core axis at	74.50	74.98	0.48	FX 479314	0.080	0.400	18.	2.	3.
		61.30 and 61.80 metres (< 0.05 cm	74.98	75.20	0.22	FX 479315	0.330	1.600	42.	2.	3.
		wide). At 65.40 metres, narrow	75.20	76.00	0.80	FX 479316	0.350	0.700	19.	2.	4.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		carbonate rich breccia noted.	76.00	77.05	1.05	FX 479317	0.210	0.500	34.	8.	2.
		66.20 71.93 Fairly massive quartz	77.05	78.05	1.00	FX 479318	0.061	0.900	33.	2.	2.
		monzonite locally cut by	78.05	78.60	0.55	FX 479319	0.580	1.600	21.	2.	6.
		semi-continuous carbonate rich quartz	78.60	79.10	0.50	FX 479320	0.130	1.100	41.	2.	4.
		veinlets. Trace disseminated pyrite.	79.10	79.80	0.70	FX 479321	0.990	4.300	23.	2.	6.
		71.93 71.96 Quartz - calcite veinlet at	79.80	80.80	1.00	FX 479322	0.085	0.400	16.	2.	2.
		70 degrees to core axis. Possible	80.80	81.60	0.80	FX 479323	0.680	3.000	30.	1.	3.
		bladed calcite pseudomorphs after	81.60	82.10	0.50	FX 479324	2.050	8.400	19.	4.	3.
		silica replacement.	82.10	82.90	0.80	FX 479325	0.540	0.600	25.	1.	4.
		71.96 87.10 Quartz monzonite distinctly	82.90	83.40	0.50	FX 479326	0.990	5.500	114.	92.	3.
		more shattered as evidenced by increase	83.40	84.12	0.72	FX 479327	1.080	3.000	48.	2.	4.
		in quartz veining, vein brecciation and	84.12	85.00	0.88	FX 479328	0.380	0.600	13.	2.	4.
		weak to moderate stockworking.	85.00	86.00	1.00	FX 479329	0.410	0.600	10.	1.	5.
		87.10 87.95 Fairly massive looking	86.00	86.54	0.54	FX 479330	0.270	0.800	18.	3.	6.
		quartz monzonite. Magnetic. A few	86.54	87.10	0.56	FX 479331	0.230	0.600	34.	1.	3.
		tiny cross cutting veinlets.	87.10	87.95	0.85	FX 479332	0.037	0.300	28.	2.	3.
		87.95 94.60 Variably veined quartz	87.95	88.80	0.85	FX 479333	0.200	0.400	19.	2.	10.
		monzonite. Mostly thin calcite	88.80	89.40	0.60	FX 479334	0.270	0.600	31.	1.	7.
		veinlets. At 92.40 metres, fine	89.40	90.00	0.60	FX 479335	0.180	0.400	57.	2.	3.
		grained braided quartz veinlet at 40	90.00	90.80	0.80	FX 479336	0.460	0.400	40.	2.	4.
		degrees to core axis. Also between	90.80	91.85	1.05	FX 479337	0.160	0.900	45.	5.	4.
		93.00 - 93.50 metres, patchy pyrite -	91.85	92.65	0.80	FX 479338	0.340	1.900	24.	2.	3.
		magnetite - epidote alteration cut by	92.65	93.60	0.95	FX 479339	2.650	1.500	28.	1.	2.
		anastomosing set of quartz carbonate	93.60	94.60	1.00	FX 479340	0.064	0.500	39.	3.	2.
		veinlets. Minor veinlet brecciation.									
94.60	99.36	CATACLASITE									
		Gradational contact into	94.60	96.00	1.40	FX 479341	0.076	0.400	34.	1.	2.
		fine to medium grained variably	96.00	97.00	1.00	FX 479342	0.110	0.300	24.	2.	2.
		tectonized cataclasite. Schistose,	97.00	97.92	0.92	FX 479343	0.790	1.700	90.	2.	2.
		strongly chloritized with fabric	97.92	98.45	0.53	FX 479344	0.070	0.500	39.	1.	4.
		generally trending 75 degrees to core	98.45	99.36	0.91	FX 479345	0.110	0.300	18.	1.	2.
		axis.									
		Patchy epidote - pyrite -									

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		hematite alteration locally cut by									
		discontinuous quartz carbonate veinlets									
		several millimetres wide. Between									
		98.20 - 98.45 metres, white quartz vein									
		with minor brecciation, at 20 degrees									
		to core axis. Some fine carbonate.									
		Between 99.10 - 99.36 metres faint									
		bleaching evident.									
99.36	111.75	QUARTZ FELDSPAR PORPH									
		Intrusive unit looks	99.36	99.90	0.54	FX 479346	0.110	0.600	16.	1.	2.
		hydrothermally bleached. Appears to be	99.90	100.40	0.50	FX 479347	0.590	1.900	33.	1.	2.
		a gradational contact from propylite.	100.40	100.90	0.50	FX 479348	0.180	1.200	30.	1.	2.
		Rock maintains a distinct white to buff	100.90	101.40	0.50	FX 479349	0.210	0.600	19.	2.	6.
		beige colour with patchy green, clay	101.40	101.90	0.50	FX 479350	0.200	0.400	2.	1.	10.
		altered saussuritized feldspars.	101.90	102.41	0.51	FX 479351	0.210	0.300	4.	1.	16.
		Variable argillic to advanced argillic	102.41	103.00	0.59	FX 479352	0.160	0.200	6.	3.	8.
		alteration throughout section.	103.00	103.50	0.50	FX 479353	0.260	0.900	1.	1.	5.
		Limonite after pyrite common.	103.50	104.00	0.50	FX 479354	0.330	0.500	2.	1.	2.
		Between 99.36 - 104.00,	104.00	104.60	0.60	FX 479355	0.110	0.400	3.	3.	6.
		bleached intrusive matrix cut by weak	104.60	105.46	0.86	FX 479356	0.420	0.800	1.	1.	10.
		to moderate stockwork of barren milky	105.46	106.00	0.54	FX 479357	0.081	0.400	2.	1.	7.
		white quartz carbonate veinlets.	106.00	106.70	0.70	FX 479358	0.058	0.200	2.	2.	6.
		Locally some vein breccia and stringer	106.70	107.40	0.70	FX 479359	0.069	0.100	1.	1.	11.
		silica replacement. Finely bladed	107.40	107.90	0.50	FX 479360	0.220	0.300	1.	1.	8.
		carbonate usually as selvages.	107.90	108.51	0.61	FX 479361	0.200	0.400	3.	3.	4.
		Unidentified fine grained	108.51	109.47	0.96	FX 479362	0.160	0.100	1.	1.	7.
		black mineral noted in several	109.47	110.00	0.53	FX 479363	0.220	0.400	6.	1.	9.
		localities towards margins of siliceous	110.00	110.50	0.50	FX 479364	0.180	0.400	1.	2.	11.
		replacement / veinlet zones. Traces of	110.50	111.00	0.50	FX 479365	0.140	0.300	1.	1.	8.
		fine grained fresh pyrite.	111.00	111.75	0.75	FX 479366	0.100	0.300	4.	1.	16.
		104.00 109.47 Secondary silica replacement									
		less pervasive than section described									
		above									

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FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		109.47 111.75 Moderate creamy beige silica									
		replacement throughout argillically									
		bleached intrusive.									
111.75	113.00	QUARTZ VEIN									
		Pervasive white to beige	111.75	112.25	0.50	FX 479367	0.110	0.100	5.	1.	8.
		chalcedonic silica replacement - quartz	112.25	113.00	0.75	FX 479368	0.029	0.100	1.	1.	4.
		vein zone. Grades progressively from									
		silica matrix breccia to semi - massive									
		white quartz vein with pitted,									
		kaolinized intrusive fragments. Lower									
		contact at 65 degrees to core axis.									
		Some gray silica around brecciated									
		clasts. Fine cubic pyrite in places.									
		Trace carbonate. Some clasts exhibit									
		multi - episodic silica replacement.									
113.00	143.96	QUARTZ FELDSPAR PORPH									
		Bleached, argillically	113.00	113.60	0.60	FX 479369	0.068	0.100	9.	1.	15.
		altered intrusive. Limonite streaks	113.60	114.10	0.50	FX 479370	0.095	0.100	6.	2.	11.
		throughout. Fine pyrite locally.	114.10	114.60	0.50	FX 479371	0.067	0.200	2.	1.	13.
		113.00 117.65 Veinlet density decreases to	114.60	115.19	0.59	FX 479372	0.059	0.200	3.	1.	15.
		1 per 10 to 25 centimetres. Up to 5	115.19	115.80	0.61	FX 479373	0.100	0.300	5.	2.	19.
		centimetres wide.	115.80	116.55	0.75	FX 479374	0.120	0.200	4.	1.	13.
		117.65 121.70 Bleached intrusive with	116.55	117.10	0.55	FX 479375	0.120	0.100	7.	1.	21.
		irregular network of fractures usually	117.10	117.65	0.55	FX 479376	0.270	0.200	11.	2.	16.
		healed by drusy chalcedonic quartz and	117.65	118.20	0.55	FX 479377	0.900	0.400	9.	1.	14.
		minor carbonate. At 121.30 metres,	118.20	119.00	0.80	FX 479378	0.075	0.200	3.	1.	11.
		thin quartz veinlet with fine grained	119.00	120.10	1.10	FX 479379	0.047	0.200	7.	2.	11.
		pyrite blebs at 40 degrees to core	120.10	121.20	1.10	FX 479380	0.092	0.200	4.	1.	13.
		axis.	121.20	121.70	0.50	FX 479381	0.130	0.400	4.	1.	26.
		Between 117.65 to 130.90	121.70	122.50	0.80	FX 479382	0.200	0.300	6.	2.	27.
		metres, veinlet density increases	122.50	123.00	0.50	FX 479383	0.068	0.200	4.	1.	15.
		slightly. Intense silicification /	123.00	123.75	0.75	FX 479384	0.079	0.200	4.	1.	15.
		brecciation between 122.50 to 123.00	123.75	124.30	0.55	FX 479385	0.100	0.200	5.	3.	12.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		metres.	124.30	125.00	0.70	FX 479386	0.053	0.100	8.	1.	12.
		130.90 136.15 Marked increase in veining	125.00	125.70	0.70	FX 479387	0.039	0.100	3.	2.	16.
		to 1 per 5 - 10 centimetres including	125.70	126.80	1.10	FX 479388	0.054	0.100	3.	2.	13.
		braided stockwork replacement zones	126.80	127.40	0.60	FX 479389	0.069	0.200	5.	1.	12.
		between 131.42 to 132.60 metres of	127.40	128.05	0.65	FX 479390	0.100	0.300	4.	2.	14.
		white chalcedonic. quartz. Some veins	128.05	128.50	0.45	FX 479391	0.065	0.100	5.	3.	13.
		pitted by friable white kaolinite,	128.50	129.00	0.50	FX 479392	0.061	0.200	4.	1.	13.
		limonite and minor carbonate. Locally,	129.00	130.00	1.00	FX 479393	0.022	0.100	4.	1.	16.
		peculiar reddish brown weathering	130.00	130.50	0.50	FX 479394	0.030	0.100	5.	3.	15.
		mineral may be goethite - hematite	130.50	130.90	0.40	FX 479395	0.031	0.100	1.	1.	12.
		after fine grained pyrite - magnetite.	130.90	131.42	0.52	FX 479396	0.039	0.100	4.	1.	15.
		Overall veins show random orientations.	131.42	132.10	0.68	FX 479397	0.043	0.100	7.	3.	16.
		At 132.70, vuggy hexagonal quartz	132.10	132.60	0.50	FX 479398	0.046	0.100	5.	1.	15.
		crystals towards centre of vein.	132.60	133.10	0.50	FX 479399	0.058	0.200	4.	1.	12.
		136.15 143.96 Veining decreasing with only	133.10	133.80	0.70	FX 479400	0.054	0.200	2.	2.	7.
		patchy beige silica flooding.	133.80	134.20	0.40	FX 479401	0.200	0.200	2.	1.	8.
		Exception between 138.40 to 139.00	134.20	134.70	0.50	FX 479402	0.110	0.400	2.	1.	8.
		metres where chalcedonic quartz veinlet	134.70	135.20	0.50	FX 479403	0.099	0.200	2.	2.	9.
		runs at 5 to 10 degrees to core axis	135.20	136.15	0.95	FX 479404	0.140	0.100	3.	1.	12.
		with very fine white carbonate	136.15	137.00	0.85	FX 479405	0.092	0.500	3.	1.	17.
		selvages. Rusty limonite streaks	137.00	138.50	1.50	FX 479406	0.057	0.300	3.	3.	25.
		throughout. At 139.52 metres, black	138.50	139.00	0.50	FX 479407	0.130	0.600	3.	2.	7.
		streaks of very fine grained pyrite	139.00	139.70	0.70	FX 479408	0.130	0.400	2.	2.	15.
		noted in siliceous matrix.	139.70	140.20	0.50	FX 479409	0.038	0.200	3.	1.	10.
			140.20	140.70	0.50	FX 479410	0.110	0.300	5.	3.	22.
			140.70	141.40	0.70	FX 479411	0.110	0.500	4.	2.	8.
			141.40	142.10	0.70	FX 479412	0.120	0.400	1.	2.	16.
			142.10	142.80	0.70	FX 479413	0.042	0.300	2.	1.	9.
			142.80	143.96	1.16	FX 479414	0.041	0.400	5.	3.	14.
143.96	146.50	FAULT									
		Rusty limonite along	143.96	145.08	1.12	FX 479415	0.088	0.400	3.	2.	11.
		fracture running 5 to 10 degrees to	145.08	146.50	1.42	FX 479416	0.088	0.800	4.	2.	16.
		core axis. Also, friable gouge -									

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		kaolinite clay material. Traces of									
		irregular cross cutting veinlets.									
146.50	197.55	QUARTZ FELDSPAR PORPH									
146.50	154.00	Weak to moderate veining	146.50	147.00	0.50	FX 479417	0.056	0.600	1.	1.	17.
		generally< 2 centimetres wide with	147.00	148.13	1.13	FX 479418	0.061	0.300	3.	3.	5.
		locally pronounced limonitic	148.13	148.80	0.67	FX 479419	0.130	1.400	3.	1.	11.
		microfracturing that cross cuts	148.80	149.95	1.15	FX 479420	0.037	0.400	4.	2.	12.
		veinlets. Braided veinlets carry	149.95	151.18	1.23	FX 479421	0.048	0.600	2.	1.	7.
		traces of carbonate, kaolinite	151.18	151.60	0.42	FX 479422	0.093	0.600	9.	3.	13.
		alteration and very fine grained	151.60	152.20	0.60	FX 479423	0.074	0.200	2.	1.	15.
		pyrite. Faint banding and vuggy quartz	152.20	152.85	0.65	FX 479424	0.080	0.200	4.	2.	8.
		sometimes evident.	152.85	153.22	0.37	FX 479425	0.029	0.200	3.	1.	8.
154.00	173.32	Pronounced decrease in	153.22	154.00	0.78	FX 479426	0.130	0.600	4.	3.	24.
		veining and secondary silica	154.00	154.70	0.70	FX 479427	0.017	0.200	6.	1.	8.
		replacement. Argillic bleaching	154.70	155.40	0.70	FX 479428	0.039	0.400	4.	2.	9.
		predominates such that intrusive	155.40	156.20	0.80	FX 479429	0.049	0.300	4.	1.	7.
		texture barely recognizable. Only	156.20	157.05	0.85	FX 479430	0.027	0.600	6.	3.	13.
		traces of limonite evident.	157.05	158.00	0.95	FX 479431	0.049	0.300	2.	1.	14.
		Between 156.60 to 157.05	158.00	159.00	1.00	FX 479432	0.020	0.300	1.	1.	27.
		metres, cross cutting veinlets offset	159.00	160.00	1.00	FX 479433	0.029	0.300	3.	1.	15.
		by fine limonitic fractures. Very fine	160.00	161.00	1.00	FX 479434	0.062	0.200	2.	2.	13.
		clay alteration along margins, minor	161.00	162.00	1.00	FX 479435	0.068	0.400	2.	1.	14.
		carbonate. At 161.90 metres,	162.00	163.05	1.05	FX 479436	0.087	0.500	5.	3.	8.
		microfractured veinlet breccia zone	163.05	164.00	0.95	FX 479437	0.019	0.400	5.	1.	8.
		with traces of kaolinite plus carbonate	164.00	164.60	0.60	FX 479438	0.034	0.300	5.	3.	8.
		alteration. Also at 164.10 metres,	164.60	165.60	1.00	FX 479439	0.023	0.100	3.	1.	22.
		sharp fracture plane with clay	165.60	166.05	0.45	FX 479440	0.097	0.400	2.	2.	9.
		alteration at 20 degrees to core axis.	166.05	167.51	1.46	FX 479441	0.019	0.200	3.	1.	17.
		Weak stockwork at 165.70 metres with	167.51	169.03	1.52	FX 479442	0.006	0.300	4.	2.	10.
		fine spots of reddish hematite locally	169.03	171.43	2.40	FX 479443	0.006	0.100	3.	2.	11.
		within bleached intrusive matrix. At	171.43	172.00	0.57	FX 479444	0.005	0.100	3.	2.	24.
		170.90 to 171.10, broken core with	172.00	173.32	1.32	FX 479445	0.080	0.500	1.	2.	11.
		rusty limonite throughout. Some clay	173.32	174.00	0.68	FX 479446	0.074	0.300	2.	2.	27.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		alteration.	174.00	175.00	1.00	FX 479447	0.078	2.300	4.	3.	9.
		173.32 176.66 Moderate to strong, creamy	175.00	175.56	0.56	FX 479448	0.086	0.600	5.	2.	7.
		beige to dirty white silica replacement	175.56	176.15	0.59	FX 479449	0.200	0.200	7.	2.	11.
		exhibiting good brecciation. Some	176.15	176.66	0.51	FX 479450	0.064	0.100	4.	3.	8.
		clasts appear to be re - silicified.	176.66	177.66	1.00	FX 479451	0.072	0.100	4.	2.	14.
		Sharp boundary between silica fronts	177.66	179.03	1.37	FX 479452	0.033	0.100	2.	2.	11.
		noted at 175.90 metre interval. Traces	179.03	180.53	1.50	FX 479453	0.045	0.100	3.	2.	15.
		of pyrite, limonite and white kaolinite	180.53	181.90	1.37	FX 479454	0.004	0.100	3.	2.	10.
		alteration.	181.90	183.70	1.80	FX 479455	0.007	0.200	6.	2.	8.
		176.66 197.55 Whitish, bleached intrusive	183.70	184.90	1.20	FX 479456	0.007	0.100	2.	4.	7.
		shows intense but locally variable	184.90	186.35	1.45	FX 479457	0.008	0.200	5.	2.	12.
		degrees of microfracturing and argillic	186.35	187.76	1.41	FX 479458	0.002	0.200	2.	2.	10.
		alteration but only trace amounts of	187.76	189.20	1.44	FX 479459	0.006	0.100	2.	2.	11.
		veining, limonite staining and silica	189.20	190.70	1.50	FX 479460	0.003	0.100	3.	1.	15.
		flooding. Fairly massive looking but	190.70	192.10	1.40	FX 479461	0.004	0.100	7.	3.	11.
		generally shattered by fine	192.10	193.85	1.75	FX 479462	0.001	0.200	4.	2.	11.
		microfracturing throughout. At 191.52	193.85	195.30	1.45	FX 479463	0.001	0.100	3.	2.	10.
		metres, coarse grained cataclasite	195.30	196.50	1.20	FX 479464	0.001	0.100	3.	1.	7.
		breccia in dark black, semi - hard	196.50	197.55	1.05	FX 479465	0.001	0.100	5.	2.	5.
		matrix. Between 193.85 to 195.50									
		metres, greenish hues around feldspars									
		possibly clay - sericite alteration.									
		Also, a few slickensided fractures with									
		black graphitic material at 60 degrees									
		to core axis.									
197.55	198.00	FELSITE									
		Olive green colour,	197.55	198.00	0.45	FX 479466	0.001	0.200	5.	1.	6.
		aphanitic, felsite dike at 45 degrees									
		to core axis. Some graphitic fracture									
		partings.									
198.00	206.32	QUARTZ FELDSPAR PORPH									
		198.00 201.30 Some broken core.	198.00	199.00	1.00	FX 479467	0.001	0.100	4.	2.	12.
		Essentially intensely bleached quartz	199.00	199.95	0.95	FX 479468	0.018	0.100	4.	2.	9.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		monzonite with several rusty fractures	199.95	200.50	0.55	FX 479469	0.015	0.100	6.	2.	8.
		cutting along core axis. Gouge near	200.50	201.30	0.80	FX 479470	0.009	0.100	6.	2.	7.
		contact with felsite. Prominent	201.30	202.80	1.50	FX 479471	0.016	0.100	4.	2.	9.
		limonite staining. Traces of fine	202.80	203.20	0.40	FX 479472	0.032	0.500	3.	2.	5.
		pyrite.	203.20	204.30	1.10	FX 479473	0.076	0.200	6.	2.	6.
		201.30 202.80 White, clay altered	204.30	205.50	1.20	FX 479474	0.037	0.500	4.	2.	10.
		intrusive.	205.50	206.32	0.82	FX 479475	0.015	0.200	5.	2.	8.
		202.80 203.20 Rusty zone with gouge along fracture shear plane at 30 degrees to core axis.									
		203.20 206.32 Microfracturing throughout. Barely recognizable intrusive rock with some autobrecciation within siliceous matrix. Sharp lower contact with cataclasite suggests quartz feldspar porphyry unit may be a large dike or semi - concordant sill type body.									
206.32	223.11	CATACLASITE									
		Cataclastically deformed	206.32	206.90	0.58	FX 479476	0.008	0.900	265.	24.	2.
		(foliated) chloritic intrusive of	206.90	206.91	0.01	FX 479477	0.032	0.800	235.	29.	5.
		quartz monzonite composition. Ragged	206.91	209.09	2.18	FX 479478	0.022	0.400	70.	23.	7.
		contact with quartz feldspar porphyry	209.09	210.30	1.21	FX 479479	0.026	0.800	117.	44.	4.
		at 60 degrees to core axis. Marked by	210.30	218.24	7.94	NS					
		fine quartz - pyrite veinlets within 30	218.24	219.55	1.31	FX 479480	0.012	0.500	92.	14.	5.
		centimetres of slightly bleached	219.55	223.11	3.56	NS					
		contact. Broken core at 206.40 metres, possible fault.									
		Crystalline rock poorly to moderately foliated with frequent calcite streaks. Fine grained pyrite generally throughout. Broken core, possible fault also at 214.70 metres. At 218.85 metres, irregular quartz									

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		carbonate vein cross cutting strained, chloritized fabric.									

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** INCO **

DRILL LOG

BOREHOLE :87002-0
PRINT DATE :13-SEP-1991 09:22
PROJECT : Outback
PROPERTY NAME: Outback Claim Group

Latitude : 4245.00S	Departure : 5785.00E	Elevation : 1371.50m	Hole length : 172.52m
NTS/Quad : 82E/9	Logged by : D.M. Bohme	Assay req. : Au, 30 element ICP	Level :
Country : Canada	Drilled by : Roger's Drilling Services	Test Method : Hydrofluoric acid	Dip : -60
Prov./state : British Columbia	Drill type : JKS-Boyles Super 300	Started : JUNE 29, 1991	BL azimuth : 32000
Twp/County :	Core size : BQ Thin Kerf / BTW (43 mm)	Completed : JULY 1, 1991	BH bearing : 32000
Claim # : 5332	Section : 42+50 S	Grid name : Cliff Zone	Heading :

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	320.00	-60.00	90.22	320.00	-57.00	172.52	320.00	-57.00			

COMMENTS : **
LEFT IN HOLE none
Same set - up utilized as BH 87001-0.
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
0.00	1.83	CASING									
		Overburden	0.00	1.83	1.83	NS					
1.83	22.55	QUARTZ MONZONITE									
		Variably fractured,	1.83	7.20	5.37	NS					
		propylitized quartz monzonite with very	7.20	8.30	1.10	FX 479481	0.005	0.100	8.	1.	2.
		finely disseminated pyrite generally	8.30	9.10	0.80	FX 479482	0.001	0.100	5.	1.	2.
		throughout.	9.10	10.00	0.90	FX 479483	0.028	0.300	41.	1.	2.
		1.83 7.20 Frequent broken core	10.00	11.20	1.20	FX 479484	0.003	0.200	10.	1.	2.
		sections. A few semi-continuous	11.20	12.00	0.80	FX 479485	0.005	0.100	9.	1.	2.
		carbonate rich fractures.	12.00	12.60	0.60	FX 479486	0.009	0.100	38.	1.	2.
		7.20 12.20 Fairly massive quartz	12.60	13.70	1.10	FX 479487	0.004	0.100	20.	1.	3.
		monzonite cut by irregular quartz	13.70	14.95	1.25	FX 479488	0.003	0.100	20.	1.	2.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		carbonate veinlets every 5 - 10	14.95	15.85	0.90	FX 479489	0.003	0.100	34.	1.	3.
		centimetres and generally trending 30	15.85	16.50	0.65	FX 479490	0.001	0.100	12.	1.	5.
		degrees to core axis. At 10.85 metres,	16.50	16.88	0.38	FX 479491	0.001	0.100	7.	1.	2.
		very fine brownish chalcedony streak	16.88	17.70	0.82	FX 479492	0.260	0.100	26.	2.	2.
		carries pinhead pyrite disseminated	17.70	18.60	0.90	FX 479493	0.001	0.200	37.	1.	3.
		parallel to carbonate veinlet.	18.60	20.10	1.50	FX 479494	0.001	0.200	28.	1.	3.
		12.20 13.70 Wavy, braided quartz	20.10	21.10	1.00	FX 479495	0.002	0.100	25.	17.	2.
		carbonate veinlet runs down core axis.	21.10	22.55	1.45	FX 479496	0.004	0.300	35.	2.	3.
		Brown hematite streaks along margins.									
		Minor brecciation.									
		13.70 18.80 Patchy epidote alteration.									
		Moderate degree of veining exhibiting									
		sharp kinking and slight offsets.									
		18.80 22.55 Decrease in millimetre size									
		veinlets. Some narrow bands of									
		cataclasite.									
22.55	23.72	CATACLASITE									
		Dark gray / black, fine	22.55	23.72	1.17	FX 479497	0.350	0.300	63.	1.	2.
		grained cataclasite with generally well									
		developed foliation roughly									
		perpendicular to core axis.									
		Discontinuous seams of epidote and fine									
		calcite common. Very fine magnetite.									
23.72	26.21	QUARTZ MONZONITE									
		Mixed section of porphyritic	23.72	24.38	0.66	FX 479498	0.001	0.200	29.	1.	4.
		quartz monzonite and intercalated bands	24.38	25.20	0.82	FX 479499	0.068	0.300	89.	1.	2.
		of chloritic cataclasite. Small wispy	25.20	26.21	1.01	FX 479500	0.007	0.300	59.	1.	2.
		quartz carbonate veinlets in places.									
26.21	27.82	CATACLASITE									
		Fine grained cataclasite.	26.21	27.30	1.09	FX 479501	0.630	0.300	33.	1.	2.
		?Mylonitic in places. Fine pyrite -	27.30	27.82	0.52	FX 479502	0.350	4.700	214.	41.	8.
		magnetite throughout.									
		27.30 27.55 Crenulated quartz carbonate									

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		replacement zone.									
27.82	44.25	QUARTZ MONZONITE									
		Mostly weak to moderately	27.82	29.00	1.18	FX 479503	0.002	0.200	31.	1.	3.
		foliated - strained quartz monzonite.	29.00	30.00	1.00	FX 479504	0.001	0.200	43.	2.	7.
		Variably fractured. Patchy epidote	30.00	30.90	0.90	FX 479505	0.001	0.100	20.	2.	4.
		alteration.	30.90	31.60	0.70	FX 479506	0.002	0.100	15.	1.	4.
		27.82 30.90 Trace amounts of quartz	31.60	32.62	1.02	FX 479507	0.230	0.200	73.	1.	3.
		carbonate veining.	32.62	33.55	0.93	FX 479508	0.041	0.100	32.	1.	2.
		30.90 31.60 A few irregular quartz	33.55	34.90	1.35	FX 479509	0.001	0.300	5.	1.	2.
		carbonate veinlets up to 1 centimetre	34.90	36.00	1.10	FX 479510	0.010	0.100	7.	1.	5.
		wide.	36.00	36.75	0.75	FX 479511	0.004	0.300	16.	1.	3.
		31.60 36.00 Several narrow cataclasite	36.75	37.25	0.50	FX 479512	0.260	0.500	24.	1.	2.
		bands. Scant traces of veining. Some	37.25	37.70	0.45	FX 479513	0.011	0.600	125.	1.	2.
		coarse grained quartz segregations with	37.70	38.65	0.95	FX 479514	0.220	0.400	40.	1.	4.
		fresh hornblende.	38.65	39.38	0.73	FX 479515	0.310	0.300	29.	1.	7.
		36.00 41.45 Fine stringers increases to	39.38	39.80	0.42	FX 479516	0.290	0.600	51.	1.	5.
		1 per 5 to 10 centimetres. Light gray	39.80	40.32	0.52	FX 479517	1.030	3.600	21.	1.	10.
		to white barren quartz with finely	40.32	41.10	0.78	FX 479518	0.111	0.500	10.	1.	3.
		bladed carbonate and possible fine	41.10	41.45	0.35	FX 479519	0.123	0.300	14.	1.	6.
		grained feldspars. Fine to medium	41.45	42.47	1.02	FX 479520	0.067	0.300	25.	2.	5.
		grained blebby pyrite generally	42.47	43.00	0.53	FX 479521	0.050	0.300	22.	2.	2.
		throughout thin cataclasite sections.	43.00	44.25	1.25	FX 479522	0.010	0.100	15.	1.	2.
		Between 40.70 to 41.10, white quartz									
		carbonate vein breccia patch up to 12									
		centimetres across shows fine grayish									
		chalcedony towards margins and around									
		clasts. Faint colloform banding.									
		41.45 44.25 A few carbonate rich									
		fractures with fine grained pyrite.									
44.25	47.65	CATACLASITE									
		Fairly dense chloritic rock	44.25	45.00	0.75	FX 479523	0.005	0.200	59.	1.	2.
		carries up to 1% pyrite. Patchy	45.00	46.50	1.50	FX 479524	0.007	0.500	89.	2.	6.
		epidote - pyrite rich sections. Trace	46.50	47.65	1.15	FX 479525	0.820	20.200	599.	5.	5.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION
		amounts of quartz carbonate veinlets.
47.65	69.47	QUARTZ MONZONITE Moderate propylitization throughout. Some thin cataclastically foliated sections with up to 1 to 3% pyrite. 48.70 52.62 Several thin quartz carbonate veinlets cross cutting coarse grained quartz knots and segrgations. Some broken core due to fracturing. 52.62 56.95 Weak to moderate foliation with occasional quartz carbonate veinlet roughly parallel to fabric. Frequent pyrite streaks as thin partings. 56.95 69.33 Significant increase in chalcedonic veining including moderate stockworking and small scale brecciation. Between 57.70 - 62.00 metres, good braided - stockwork features hosted in a pale, somewhat bleached quartz monzonite. Whitish carbonate common. Weak banding indicated by pale green to white coloured epithermal - looking quartz. Very fine pyrite noted within a few siliceous sections. Between 62.00 to 68.88 metres, slight decrease in veinlet density; also more carbonate rich. At 68.88 to 69.47 metres, numerous disrupted and autobrecciated granitoid clasts in secondary siliceous matrix.

FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
47.65	48.70	1.05	FX 479526	0.360	1.200	26.	1.	4.
48.70	49.85	1.15	FX 479527	0.290	1.800	77.	1.	5.
49.85	50.60	0.75	FX 479528	0.038	0.400	13.	3.	3.
50.60	51.57	0.97	FX 479529	0.028	0.800	12.	2.	4.
51.57	52.62	1.05	FX 479530	0.500	2.400	32.	1.	4.
52.62	53.95	1.33	FX 479531	0.310	0.900	21.	1.	4.
53.95	54.85	0.90	FX 479532	0.670	1.500	42.	179.	6.
54.85	56.00	1.15	FX 479533	0.320	1.800	26.	10.	2.
56.00	56.95	0.95	FX 479534	0.050	0.300	11.	3.	4.
56.95	58.31	1.36	FX 479535	0.810	0.800	30.	1.	3.
58.31	59.00	0.69	FX 479536	0.129	1.000	8.	3.	2.
59.00	59.74	0.74	FX 479537	0.081	0.400	21.	1.	2.
59.74	60.42	0.68	FX 479538	0.940	8.700	30.	2.	3.
60.42	61.00	0.58	FX 479539	1.390	8.000	26.	1.	3.
61.00	61.50	0.50	FX 479540	1.160	7.800	39.	3.	4.
61.50	62.00	0.50	FX 479541	0.051	0.100	6.	1.	2.
62.00	62.79	0.79	FX 479542	0.028	0.400	11.	1.	2.
62.79	63.97	1.18	FX 479543	0.072	0.800	46.	2.	5.
63.97	64.52	0.55	FX 479544	2.160	1.400	34.	3.	3.
64.52	65.10	0.58	FX 479545	0.049	0.400	25.	1.	2.
65.10	65.84	0.74	FX 479546	0.063	0.200	21.	2.	5.
65.84	66.84	1.00	FX 479547	0.350	0.300	11.	1.	5.
66.84	67.40	0.56	FX 479548	0.370	1.300	29.	2.	4.
67.40	68.00	0.60	FX 479549	0.490	0.400	16.	2.	5.
68.00	68.88	0.88	FX 479550	0.120	0.500	27.	1.	2.
68.88	69.47	0.59	FX 479551	0.520	1.700	18.	1.	3.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		Small islands of carbonate and									
		extremely fine pyrite noted.									
69.47	69.90	QUARTZ VEIN									
		Micro - fractured quartz	69.47	69.90	0.43	FX 479552	0.087	0.900	6.	4.	2.
		vein with fine chlorite and carbonate -									
		clay minerals along fractures. Minor									
		pyrite along sheared contact margins									
		trending 50 degrees to core axis.									
69.90	84.60	QUARTZ MONZONITE									
		Strong propylitization.	69.90	70.40	0.50	FX 479553	0.410	0.400	29.	1.	2.
		Feldspars slightly clay altered.	70.40	70.90	0.50	FX 479554	0.056	0.200	17.	1.	6.
		69.90 74.76 Fairly well veined section	70.90	71.50	0.60	FX 479555	0.091	0.100	20.	1.	5.
		similar to 56.95 to 69.33 metre	71.50	72.10	0.60	FX 479556	0.130	0.700	57.	1.	9.
		interval. Vein and siliceous breccia	72.10	72.70	0.60	FX 479557	0.200	0.200	16.	1.	2.
		zones show some crude banding between	72.70	73.00	0.30	FX 479558	0.017	0.300	13.	2.	6.
		white, gray and gray - green	73.00	73.50	0.50	FX 479559	0.074	0.800	25.	1.	3.
		chalcedonic flooding. Fine grained	73.50	74.10	0.60	FX 479560	0.100	0.400	9.	3.	7.
		calcite common. Also very fine pyrite.	74.10	74.76	0.66	FX 479561	0.026	0.300	23.	1.	6.
			74.76	75.62	0.86	FX 479562	0.120	0.200	43.	1.	2.
		74.76 83.20 Significant veining up to 2	75.62	76.30	0.68	FX 479563	0.023	0.100	22.	1.	9.
		centimetres wide still present but more	76.30	77.00	0.70	FX 479564	0.640	1.200	20.	1.	2.
		widely spaced. Generally trending 30 -	77.00	77.50	0.50	FX 479565	0.130	1.000	7.	1.	3.
		50 degrees to core axis. In places	77.50	78.02	0.52	FX 479566	0.470	0.400	14.	1.	6.
		quartz monzonite grades into fine	78.02	78.45	0.43	FX 479567	0.450	0.700	16.	1.	4.
		grained micro - granite and shows only	78.45	79.00	0.55	FX 479568	0.120	0.200	18.	1.	5.
		traces of veining. At 82.15 and 82.35	79.00	79.60	0.60	FX 479569	0.087	0.400	20.	1.	4.
		metres, siliceous vein breccia with	79.60	80.20	0.60	FX 479570	0.046	0.200	86.	1.	2.
		bleached intrusive breccia fragments	80.20	81.07	0.87	FX 479571	0.042	0.200	59.	1.	4.
		and finely bladed calcite throughout.	81.07	81.60	0.53	FX 479572	0.220	1.100	52.	2.	5.
		Peculiar purple - gray siliceous matrix	81.60	82.10	0.50	FX 479573	0.310	0.500	100.	1.	5.
		noted.	82.10	82.73	0.63	FX 479574	0.980	18.200	64.	1.	7.
		Between 82.35 to 84.60	82.73	83.20	0.47	FX 479575	0.027	0.300	24.	1.	2.
		metres, granitoid gradually becomes	83.20	83.90	0.70	FX 479576	0.240	0.900	76.	2.	5.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		more bleached. Cut by white to black	83.90	84.20	0.30	FX 479577	0.210	1.000	28.	1.	4.
		chalcedony veinlets. Weakly banded.	84.20	84.60	0.40	FX 479578	0.340	1.500	62.	98.	3.
		At 83.75 metres, chalcedonic silica									
		replacement breccia zone with fine									
		pyrite blebs towards margins. Some									
		patchy black alteration along ragged									
		selvages of veinlets may be very fine									
		grained pyritic sulfides.									
84.60	103.79	QUARTZ FELDSPAR PORPH									
		Pronounced argillic	84.60	85.00	0.40	FX 479579	0.400	3.200	7.	2.	7.
		bleaching as described in BH 87001-0	85.00	85.40	0.40	FX 479580	0.058	0.500	3.	2.	4.
		log. Gradational contact.	85.40	85.80	0.40	FX 479581	0.110	0.600	4.	2.	5.
		84.60 87.20 Broken up, disjointed, white	85.80	86.20	0.40	FX 479582	0.130	0.500	4.	1.	7.
		to gray coloured chalcedonic quartz	86.20	86.70	0.50	FX 479583	0.270	1.600	3.	1.	11.
		veinlets. Fine microfracturing	86.70	87.20	0.50	FX 479584	1.020	0.900	45.	2.	13.
		throughout. Minor limonite. Some fine	87.20	87.91	0.71	FX 479585	0.610	1.400	35.	2.	14.
		grained pyrite within argillic matrix.	87.91	88.50	0.59	FX 479586	0.250	0.500	2.	1.	11.
		Soft white kaolinite at 86.55 metres.	88.50	89.40	0.90	FX 479587	0.230	0.200	1.	1.	13.
		87.20 87.80 Broken core. Rusty, friable	89.40	90.22	0.82	FX 479588	0.086	0.500	2.	3.	17.
		clay alteration along limonitic	90.22	91.25	1.03	FX 479589	0.220	0.200	1.	2.	15.
		fractures.	91.25	92.00	0.75	FX 479590	0.180	0.100	1.	1.	4.
		87.80 91.25 Moderate to well silicified	92.00	92.79	0.79	FX 479591	0.280	0.200	2.	1.	9.
		intrusive such that only relict glassy	92.79	93.27	0.48	FX 479592	0.063	0.100	2.	3.	12.
		quartz eyes readily identifiable.	93.27	94.21	0.94	FX 479593	0.053	0.100	1.	2.	6.
		Occasional fresh pyrite clots.	94.21	95.10	0.89	FX 479594	0.078	0.200	2.	1.	7.
		Possible fault at 91.30 metres.	95.10	96.32	1.22	FX 479595	0.034	0.100	2.	1.	5.
		91.25 96.32 Weak to moderate drusy white	96.32	97.00	0.68	FX 479596	0.055	0.100	2.	3.	9.
		quartz veinlets generally cross cutting	97.00	97.80	0.80	FX 479597	0.044	0.100	1.	2.	9.
		at 30 degrees to core axis. Limonite	97.80	98.56	0.76	FX 479598	0.095	0.100	2.	1.	5.
		streaks.	98.56	99.36	0.80	FX 479599	0.036	0.100	2.	1.	4.
		96.32 97.00 Irregular, vuggy quartz vein	99.36	100.40	1.04	FX 479600	0.021	2.900	3.	3.	27.
		follows core axis.	100.40	101.00	0.60	FX 479601	0.074	0.100	1.	2.	12.
		97.00 100.40 Sporadic quartz veining.	101.00	101.48	0.48	FX 479602	0.083	0.100	2.	1.	3.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		Strongly fractured between 99.82 to	101.48	102.00	0.52	FX 479603	0.053	0.300	3.	1.	35.
		99.98 metres with fine pyrite	102.00	102.50	0.50	FX 479604	0.110	0.100	2.	3.	13.
		stringers.	102.50	102.95	0.45	FX 479605	0.059	0.100	1.	1.	7.
		100.40 103.79 Extremely well veined	102.95	103.79	0.84	FX 479606	0.110	0.100	1.	1.	43.
		section. Siliceous crackle breccia									
		zone between 100.55 to 101.48 metres.									
		From 102.50 to 102.95 metres, total									
		silicification with greenish sericitic									
		alteration of granitoid clasts. Some									
		brownish carbonate.									
103.79	104.57	QUARTZ VEIN									
		Quartz flooded - quartz vein	103.79	104.23	0.44	FX 479607	0.066	0.100	3.	1.	10.
		breccia with vuggy cavities and pitted,	104.23	104.57	0.34	FX 479608	0.230	0.600	4.	11.	26.
		clay altered, carbonate - feldspar									
		minerals. No sulfides. Faint banding.									
		Two phases of silica deposition									
		indicated.									
104.57	172.52	QUARTZ FELDSPAR PORPH									
		104.57 110.00 Weak to moderate veining,	104.57	105.46	0.89	FX 479609	0.060	0.100	1.	1.	11.
		minor quartz flooding within totally	105.46	106.00	0.54	FX 479610	0.074	0.200	1.	1.	10.
		bleached white intrusive rock. Traces	106.00	106.60	0.60	FX 479611	0.260	0.600	1.	1.	21.
		of fresh pyrite as fine grained blebs.	106.60	107.20	0.60	FX 479612	0.140	0.200	1.	1.	12.
		Secondary silica is typically a buff	107.20	107.90	0.70	FX 479613	0.073	0.200	1.	1.	11.
		beige colour with small patches of	107.90	108.51	0.61	FX 479614	0.046	0.100	2.	1.	13.
		brown carbonate and soft kaolinite.	108.51	109.00	0.49	FX 479615	0.072	0.300	2.	1.	19.
		110.00 116.60 Mostly massive well bleached	109.00	110.09	1.09	FX 479616	0.013	0.100	2.	2.	18.
		intrusive. Occasional cross cutting	110.09	111.00	0.91	FX 479617	0.093	0.100	1.	1.	10.
		veinlet. Weak to moderate	111.00	111.70	0.70	FX 479618	0.080	0.200	1.	1.	14.
		microfracturing. Traces of oxidized	111.70	112.00	0.30	FX 479619	0.032	0.100	1.	1.	12.
		hematitic sulfides.	112.00	112.80	0.80	FX 479620	0.045	0.300	2.	3.	8.
		116.60 126.97 Moderately well veined	112.80	114.60	1.80	FX 479621	0.170	0.300	1.	1.	8.
		section with good cream coloured	114.60	115.89	1.29	FX 479622	0.080	0.200	1.	1.	13.
		silicification particularly between	115.89	116.60	0.71	FX 479623	0.150	0.200	1.	1.	19.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		119.20 to 120.80 metres. Veining	116.60	117.10	0.50	FX 479624	0.063	0.100	2.	2.	9.
		locally braids forming silica matrix	117.10	117.90	0.80	FX 479625	0.029	0.100	9.	1.	12.
		breccia. Trace of very fine grained	117.90	118.70	0.80	FX 479626	0.026	0.100	2.	1.	11.
		pyrite. Vuggy sections with fine	118.70	119.20	0.50	FX 479627	0.022	0.200	3.	1.	8.
		hexagonal quartz crystals, carbonate or	119.20	119.70	0.50	FX 479628	0.099	0.300	4.	3.	11.
		kaolinite. From 123.95 to 126.97	119.70	120.30	0.60	FX 479629	0.084	0.100	4.	1.	5.
		metres, limonitic oxidization common	120.30	120.80	0.50	FX 479630	0.048	0.100	5.	1.	10.
		within pale, bleached intrusive matrix.	120.80	121.20	0.40	FX 479631	0.096	0.200	3.	1.	8.
		Dark black microfractures occasionally	121.20	121.80	0.60	FX 479632	0.052	0.200	4.	2.	6.
		form a narrow cross cutting network.	121.80	122.50	0.70	FX 479633	0.170	0.100	1.	1.	5.
		126.97 127.61 Fine rusty fractures forming	122.50	122.90	0.40	FX 479634	0.110	0.100	2.	1.	6.
		crackle texture.	122.90	123.28	0.38	FX 479635	0.100	0.100	6.	1.	3.
		127.61 136.80 Marked decrease in veining	123.28	123.75	0.47	FX 479636	0.094	0.200	5.	3.	12.
		to approximately 1 per 1 - 2 metres.	123.75	124.30	0.55	FX 479637	0.280	0.100	6.	2.	5.
		Network of rusty limonite	124.30	124.90	0.60	FX 479638	0.095	0.100	4.	1.	7.
		fractures generally throughout.	124.90	125.70	0.80	FX 479639	0.430	0.100	3.	1.	10.
		Crackle breccia zone between 133.70 to	125.70	126.97	1.27	FX 479640	0.077	0.100	4.	2.	10.
		134.50 metres.	126.97	127.61	0.64	FX 479641	0.043	0.300	4.	2.	26.
		136.80 137.30 Fractured stockwork of	127.61	128.50	0.89	FX 479642	0.051	0.100	2.	1.	21.
		barren quartz veinlets. Very fine	128.50	129.20	0.70	FX 479643	0.033	0.200	3.	2.	28.
		grained pyrite noted in one veinlet.	129.20	130.00	0.80	FX 479644	0.022	0.100	1.	2.	15.
		Also, black crackle breccia matrix	130.00	131.50	1.50	FX 479645	0.021	0.100	1.	1.	13.
		occurs in one locality.	131.50	132.89	1.39	FX 479646	0.014	0.200	1.	1.	16.
		137.30 145.68 Weakly veined, variably	132.89	133.70	0.81	FX 479647	0.011	0.100	1.	2.	10.
		fractured with limonite coatings.	133.70	134.50	0.80	FX 479648	0.014	0.100	1.	1.	20.
		Trace fresh pyrite.	134.50	135.94	1.44	FX 479649	0.017	0.100	1.	1.	17.
		145.68 146.63 Silicified - veinlet breccia	135.94	136.80	0.86	FX 479650	0.038	0.100	1.	1.	16.
		zone. Friable contact margins at 70	136.80	137.30	0.50	FX 479651	0.046	0.200	4.	2.	32.
		degrees to core axis. Pitted texture	137.30	138.70	1.40	FX 479652	0.013	0.100	1.	1.	12.
		throughout. Some limonite and less	138.70	139.38	0.68	FX 479653	0.055	0.200	2.	1.	13.
		resistant clay - carbonate alteration.	139.38	140.30	0.92	FX 479654	0.011	0.200	2.	1.	15.
		No sulfides.	140.30	141.70	1.40	FX 479655	0.058	0.200	3.	2.	14.
		146.63 149.20 Narrow swarms of parallel	141.70	142.40	0.70	FX 479656	0.040	0.100	1.	1.	12.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		veinlets up to 2 centimetres wide.	142.40	143.75	1.35	FX 479657	0.088	0.200	2.	1.	10.
		Traces of fine pinhead pyrite.	143.75	145.08	1.33	FX 479658	0.046	0.100	1.	1.	12.
149.20	157.00	Weak to moderately veined	145.08	145.68	0.60	FX 479659	0.072	0.100	2.	2.	14.
		section. Fine limonitic fractures	145.68	146.63	0.95	FX 479660	0.077	0.100	1.	2.	9.
		cross cut most of the veinlets. At	146.63	147.40	0.77	FX 479661	0.140	0.300	3.	1.	11.
		153.50 metres, fine grained dark black	147.40	148.40	1.00	FX 479662	0.046	0.200	3.	1.	12.
		matrix shows crackle breccia texture.	148.40	149.20	0.80	FX 479663	0.060	0.100	3.	2.	9.
		Locally, intrusive texture obliterated.	149.20	150.30	1.10	FX 479664	0.087	0.100	2.	1.	8.
			150.30	151.40	1.10	FX 479665	0.032	0.100	1.	1.	19.
157.00	157.37	Silicic replacement breccia	151.40	152.39	0.99	FX 479666	0.074	0.300	2.	1.	11.
		zone at 60 degrees to core axis.	152.39	153.40	1.01	FX 479667	0.047	0.200	2.	2.	15.
157.37	162.70	Massive, bleached pale	153.40	154.23	0.83	FX 479668	0.032	0.100	2.	1.	28.
		intrusive. Occasional veinlet at 1 per	154.23	155.25	1.02	FX 479669	0.054	0.100	2.	1.	14.
		0.5 to 1 metre intervals.	155.25	156.00	0.75	FX 479670	0.065	0.300	3.	1.	14.
162.70	164.00	Siliceous section. Some	156.00	157.00	1.00	FX 479671	0.048	0.100	3.	2.	18.
		vein breccia and broken core. Rusty	157.00	157.37	0.37	FX 479672	0.290	0.200	3.	2.	17.
		limonite throughout.	157.37	158.95	1.58	FX 479673	0.020	0.200	2.	1.	22.
164.00	165.70	Variable silicification.	158.95	160.32	1.37	FX 479674	0.043	0.100	2.	1.	24.
		Minor pinhead pyrite in silicic matrix.	160.32	161.75	1.43	FX 479675	0.087	0.100	2.	2.	11.
		Fine white carbonate throughout.	161.75	162.70	0.95	FX 479676	0.140	3.400	332.	1.	297.
165.70	172.52	Degree of veining drops off	162.70	163.37	0.67	FX 479677	0.140	0.300	7.	1.	15.
		significantly. Intrusive still highly	163.37	164.00	0.63	FX 479678	0.200	0.200	5.	1.	17.
		bleached and argillically altered. At	164.00	164.60	0.60	FX 479679	0.270	0.100	3.	2.	20.
		169.05 metres, vaguely banded white	164.60	165.10	0.50	FX 479680	0.099	0.100	3.	2.	14.
		quartz veinlet at 30 degrees to core	165.10	165.70	0.60	FX 479681	0.098	0.100	3.	1.	19.
		axis.	165.70	166.55	0.85	FX 479682	0.062	0.100	2.	1.	15.
			166.55	167.00	0.45	FX 479683	0.200	0.100	2.	2.	13.
			167.00	168.12	1.12	FX 479684	0.097	0.100	2.	1.	14.
			168.12	169.47	1.35	FX 479685	0.091	0.100	2.	1.	17.
			169.47	172.52	3.05	NS					

** INCO **
DRILL LOG

BOREHOLE :87003-0
PROJECT : Outback
PROPERTY NAME: Outback Claim Group

PRINT DATE :13-SEP-1991 09:22

Latitude	: 4245.00S	Departure	: 5785.00E	Elevation	: 1371.50m	Hole length	: 115.21m
NTS/Quad	: 82E/9	Logged by	: D.M. Bohme	Assay req.	: Au, 30 element ICP	Level	:
Country	: Canada	Drilled by	: Roger's Drilling Services	Test Method	: Hydrofluoric acid	Dip	: -65
Prov./state	: British Columbia	Drill type	: JKS-Boyles Super 300	Started	: July 1, 1991	BL azimuth	: 34000
Twp/County	:	Core size	: BQ Thin Kerf / BTW (43 mm)	Completed	: July 2, 1991	BH bearing	: 34000
Claim #	: 5332	Section	: 42+50 S	Grid name	: Cliff Zone	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	320.00	-65.00	93.87	320.00	-62.00						

COMMENTS : **
LEFT IN HOLE nothing
Hole surveyed as described for BH 87001-0. Same set - up site
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
0.00	1.52	CASING									
		Overburden	0.00	1.52	1.52	NS					
1.52	11.71	QUARTZ MONZONITE									
		Quartz monzonite porphyry,	1.52	5.10	3.58	NS					
		propylite. Broken core from 1.52 to	5.10	5.75	0.65	FX 479686	0.007	0.100	4.	1.	4.
		5.10 metres.	5.75	6.50	0.75	FX 479687	0.001	0.100	9.	1.	2.
		5.10 8.95 Sporadic veinlets, typically	6.50	7.35	0.85	FX 479688	0.019	0.200	17.	1.	3.
		carbonate rich. At 6.95 metres, small	7.35	7.95	0.60	FX 479689	0.020	0.200	10.	1.	2.
		veinlet turns sharply and follows joint	7.95	8.95	1.00	FX 479690	0.014	0.200	22.	1.	2.
		/ fracture plane at 30 degrees to core	8.95	10.10	1.15	FX 479691	0.007	0.100	15.	1.	5.
		axis. Some broken core.	10.10	11.00	0.90	FX 479692	0.003	0.100	34.	1.	2.
		8.95 11.71 Traces of veinlets. Some	11.00	11.71	0.71	FX 479693	0.012	0.100	19.	1.	2.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		epidote - magnetite seams.									
11.71	12.95	AMPHIBOLITE									
		Coarse grained ? amphibolite	11.71	12.95	1.24	FX 479694	0.004	0.100	83.	1.	3.
		layer. Very magnetic with chloritic ?									
		pyroxenes. Coarse grained pyrite									
		clots. Minor epidote plus tiny quartz									
		carbonate veinlets.									
12.95	22.80	QUARTZ MONZONITE									
		12.95 16.90 Massive propylite. Broken	12.95	16.90	3.95	NS					
		core at 12.90 metres. Epidotized	16.90	17.76	0.86	FX 479695	0.001	0.100	31.	1.	3.
		bands.	17.76	19.00	1.24	FX 479696	0.001	0.100	20.	1.	2.
		16.90 22.33 A few millimetre size quartz	19.00	20.21	1.21	FX 479697	0.002	0.100	32.	1.	3.
		carbonate veinlets cross cutting fine	20.21	21.20	0.99	FX 479698	0.002	0.100	18.	1.	4.
		to medium grained quartz monzonite.	21.20	22.33	1.13	FX 479699	0.001	0.600	122.	2.	2.
		22.33 22.80 Fine to sugary textured	22.33	22.80	0.47	FX 479700	0.001	0.100	14.	1.	3.
		chalcedonic quartz carbonate veinlets									
		up to 1 centimetre wide. Veinlets show									
		ptygmatic folding. Some veinlet									
		brecciation.									
22.80	30.45	CATACLASITE									
		Chloritic, magnetite rich	22.80	23.40	0.60	FX 479701	0.005	1.200	143.	1.	4.
		cataclasite with minor interbands of	23.40	23.94	0.54	FX 479702	0.001	0.600	115.	1.	2.
		relatively undeformed quartz monzonite.	23.94	24.75	0.81	FX 479703	0.005	0.400	32.	1.	3.
			24.75	25.90	1.15	FX 479704	0.001	0.100	28.	1.	2.
		22.80 24.75 Crenulated foliation	25.90	27.10	1.20	FX 479705	0.001	0.100	41.	1.	4.
		generally trending perpendicular to	27.10	28.70	1.60	FX 479706	0.001	0.200	82.	1.	3.
		core axis. Some calcite segregations.	28.70	29.70	1.00	FX 479707	0.001	0.200	125.	1.	2.
		24.75 27.10 Some broken core, minor	29.70	30.45	0.75	FX 479708	0.011	1.000	94.	2.	2.
		veining.									
		27.10 30.45 Fine grained interstitial									
		pyrite throughout. Traces of wispy									
		carbonate rich veinlets.									
30.45	40.70	QUARTZ MONZONITE									

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		Weakly foliated to	30.45	31.50	1.05	FX 479709	0.012	0.100	9.	1.	3.
		porphyritic quartz monzonite.	31.50	32.40	0.90	FX 479710	0.008	0.100	21.	1.	2.
		30.45 32.40 A few thin quartz carbonate	32.40	33.20	0.80	FX 479711	0.004	0.100	6.	1.	2.
		veinlets.	33.20	33.65	0.45	FX 479712	0.001	0.100	31.	1.	2.
		32.40 34.40 Several weakly banded quartz	33.65	34.40	0.75	FX 479713	0.012	0.700	9.	1.	2.
		carbonate veinlets up to 2 centimetres	34.40	35.00	0.60	FX 479714	0.007	0.500	68.	1.	3.
		wide at 33.15, 33.75 and 34.30 metres.	35.00	35.97	0.97	FX 479715	0.240	0.300	22.	1.	2.
		Veinlets show fine pyrite as selvages.	35.97	36.60	0.63	FX 479716	0.088	0.200	41.	1.	2.
		All veinlets slightly disrupted by tiny	36.60	37.20	0.60	FX 479717	0.850	3.400	120.	1.	3.
		cross fractures. Minor vein breccia	37.20	37.89	0.69	FX 479718	0.041	0.500	16.	1.	2.
		also.	37.89	38.50	0.61	FX 479719	0.031	0.200	5.	1.	4.
		34.40 37.89 Several wispy discontinuous	38.50	39.00	0.50	FX 479720	0.660	2.500	9.	1.	3.
		quartz carbonate veinlets with	39.00	39.90	0.90	FX 479721	0.120	0.300	14.	1.	2.
		chalcedonic quartz partioned towards	39.90	40.70	0.80	FX 479722	0.180	0.400	20.	1.	7.
		outer margins. Bladed white to brown									
		carbonate occupy veinlet centres.									
		Cross cutting crackle veinlets at 37.30									
		metres.									
		37.89 40.70 A few tiny disjointed quartz									
		carbonate veinlets.									
40.70	42.50	CATACLASITE									
		Dense, fine grained	40.70	41.20	0.50	FX 479723	0.034	0.200	23.	1.	5.
		chloritized cataclasite. Some pyrite	41.20	42.06	0.86	FX 479724	1.230	1.500	98.	1.	2.
		stringers. Narrow, variably kinked,	42.06	42.50	0.44	FX 479725	6.510	37.000	40.	1.	3.
		quartz carbonate veinlets generally									
		throughout. At 42.23, veinlet									
		brecciation with very fine pyrite.									
42.50	49.70	QUARTZ MONZONITE									
		Fractured, propylitized	42.50	43.00	0.50	FX 479726	0.024	0.200	17.	1.	9.
		quartz monzonite.	43.00	43.50	0.50	FX 479727	4.110	16.400	28.	1.	7.
		42.50 44.60 Veinlet density 1 per 5 to	43.50	44.00	0.50	FX 479728	0.270	0.600	17.	1.	8.
		10 centimetres. At 44.10, quartz	44.00	44.60	0.60	FX 479729	0.088	2.100	37.	1.	7.
		carbonate veinlet breccia.	44.60	45.11	0.51	FX 479730	0.230	3.100	14.	1.	9.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		44.60 45.11 Banded chalcedonic quartz	45.11	45.60	0.49	FX 479731	0.048	0.400	14.	1.	8.
		breccia zone. Fine green - brown	45.60	46.10	0.50	FX 479732	0.023	0.200	20.	1.	8.
		carbonate along margins. No sulfides.	46.10	46.78	0.68	FX 479733	0.038	0.200	25.	1.	7.
		45.11 49.70 Fine millimetre size	46.78	47.30	0.52	FX 479734	0.300	1.000	11.	1.	5.
		veinlets generally throughout. At	47.30	48.10	0.80	FX 479735	0.057	0.400	22.	1.	3.
		45.80 and 48.75 metres, ptygmatic drusy	48.10	48.65	0.55	FX 479736	0.013	0.100	16.	1.	7.
		quartz carbonate veinlet cross cutting	48.65	49.20	0.55	FX 479737	0.540	1.500	31.	1.	6.
		large coarse grained pinkish quartz	49.20	49.70	0.50	FX 479738	0.350	1.000	96.	1.	2.
		knots. Some pyrite - magnetite rich									
		seams.									
49.70	51.95	CATACLASITE									
		Densely foliated magnetite -	49.70	50.35	0.65	FX 479739	0.007	0.300	121.	1.	2.
		pyrite rich cataclasite. Locally cut	50.35	50.75	0.40	FX 479740	0.074	7.900	2267.	10.	2.
		by irregular, discontinuous carbonate	50.75	51.40	0.65	FX 479741	0.069	1.100	123.	1.	3.
		rich veinlets. Stringers of chlorite	51.40	51.95	0.55	FX 479742	0.330	1.600	158.	1.	2.
		alteration. Crenulations, minor									
		brecciation - crushed zone at 50.40									
		metres.									
51.95	63.00	QUARTZ MONZONITE									
		Quartz monzonite porphyry	51.95	52.50	0.55	FX 479743	0.300	1.000	12.	1.	2.
		locally pyritic. Some chloritic,	52.50	52.90	0.40	FX 479744	1.310	0.300	25.	1.	4.
		cataclastically foliated interbands up	52.90	53.70	0.80	FX 479745	0.097	0.200	37.	1.	5.
		to 25 centimetres wide. Marked	53.70	54.25	0.55	FX 479746	0.064	0.600	18.	1.	6.
		increase in cryptocrystalline quartz	54.25	54.85	0.60	FX 479747	0.023	0.200	10.	1.	7.
		veining and quartz carbonate	54.85	55.31	0.46	FX 479748	0.044	0.400	72.	1.	2.
		brecciation.	55.31	55.82	0.51	FX 479749	0.016	0.200	2.	1.	5.
		51.95 53.70 Veinlet density 1 per 5 to	55.82	56.35	0.53	FX 479750	0.005	0.100	3.	1.	2.
		10 centimetres. Locally cross cutting	56.35	56.74	0.39	FX 479751	0.019	0.500	38.	2.	2.
		the foliation.	56.74	57.00	0.26	FX 479752	1.220	1.300	86.	2.	2.
		53.70 55.82 Good stockwork development.	57.00	57.30	0.30	FX 479753	0.500	2.200	43.	1.	3.
		Delicate high level brecciation at	57.30	57.60	0.30	FX 479754	0.290	1.800	15.	1.	6.
		54.05 and 55.70 metres exhibiting gray	57.60	57.95	0.35	FX 479755	0.230	1.000	21.	2.	4.
		- green silica deposition around	57.95	58.33	0.38	FX 479756	0.270	1.400	18.	2.	2.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		clasts. Bladed white to brown	58.33	58.75	0.42	FX 479757	0.063	1.400	62.	6.	2.
		carbonate usually inwards from vein	58.75	59.30	0.55	FX 479758	0.044	0.100	42.	2.	5.
		margins. Very fine pyrite with	59.30	59.75	0.45	FX 479759	0.043	0.300	49.	1.	4.
		silicification.	59.75	60.35	0.60	FX 479760	0.064	0.200	47.	1.	4.
		55.82 57.95 Numerous veinlets up to 3	60.35	60.72	0.37	FX 479761	0.036	0.100	10.	1.	3.
		centimetres thick generally at 30	60.72	61.14	0.42	FX 479762	0.026	0.100	14.	1.	2.
		degrees to core axis. Minor	61.14	61.64	0.50	FX 479763	0.023	0.200	24.	1.	2.
		brecciation. Delicately banded	61.64	62.14	0.50	FX 479764	0.038	0.800	22.	1.	5.
		chalcedonic quartz breccia. Dark	62.14	62.53	0.39	FX 479765	0.028	0.400	13.	1.	5.
		streaks along bladed carbonate - silica	62.53	63.00	0.47	FX 479766	0.038	0.400	39.	1.	5.
		contact appear to carry very fine									
		pyrite. Possible fine, whitish									
		adularia locally along selvages.									
		57.95 59.30 Irregular quartz carbonate									
		veinlets throughout.									
		59.30 63.00 Good stockworking and quartz									
		carbonate vein brecciation throughout.									
		At 60.15, bladed mats of white, brown									
		and black carbonate. Minor soft white									
		kaolinite with silica deposition									
		towards margins. Also at 60.60 metres,									
		similar delicate banding between									
		various shades of carbonate and									
		chalcedonic quartz. Very fine pyrite									
		along selvages.									
63.00	65.40	QUARTZ FELDSPAR PORPH									
		63.00 63.40 Slightly bleached zone cut	63.00	63.40	0.40	FX 479767	0.086	0.300	65.	1.	2.
		by veinlets. Upper contact marked by	63.40	63.80	0.40	FX 479768	0.027	0.100	63.	1.	2.
		tiny quartz streaks at 50 degrees to	63.80	64.30	0.50	FX 479769	0.360	5.700	49.	3.	3.
		core axis. Fine pyrite and bleached	64.30	64.80	0.50	FX 479770	0.370	0.300	67.	1.	4.
		cataclasite crenulations also marks	64.80	65.40	0.60	FX 479771	0.200	0.500	24.	1.	3.
		alteration front.									
		63.40 65.40 Well bleached, argillically									

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		altered intrusive cut by white									
		chalcedonic quartz flooding and									
		irregular fracture veinlets. Fine									
		carbonate less common within veinlets.									
65.40	66.00	QUARTZ VEIN									
		Light brown to buff beige	65.40	66.00	0.60	FX 479772	0.990	12.800	14.	3.	5.
		coloured quartz vein - quartz breccia									
		zone trending 45 degrees to core axis.									
		Bleached fragments suggest multi -									
		stage silicification. Rare pyrite.									
66.00	115.21	QUARTZ FELDSPAR PORPH									
		Highly bleached granitoid	66.00	66.45	0.45	FX 479773	0.093	0.100	2.	1.	15.
		rock.	66.45	67.00	0.55	FX 479774	0.070	0.100	3.	1.	12.
		66.00 67.90 Irregular ribbons and	67.00	67.90	0.90	FX 479775	0.075	0.100	1.	1.	28.
		streaks of beige quartz. Barren	67.90	69.10	1.20	FX 479776	0.200	0.100	2.	1.	10.
		microfracturing throughout.	69.10	70.10	1.00	FX 479777	0.320	0.100	4.	1.	9.
		67.90 77.10 Fairly barren looking	70.10	71.05	0.95	FX 479778	0.380	0.600	2.	1.	9.
		section of bleached quartz monzonite.	71.05	72.15	1.10	FX 479779	0.310	0.100	2.	1.	8.
		Very minor secondary silicification and	72.15	73.30	1.15	FX 479780	0.069	0.100	4.	1.	19.
		microfracturing. Hematitic staining at	73.30	74.60	1.30	FX 479781	0.078	0.100	2.	1.	15.
		71.30 metres. Small patches of white	74.60	76.00	1.40	FX 479782	0.082	0.100	2.	2.	10.
		zeolite or kaolinite material. Cross	76.00	76.60	0.60	FX 479783	1.010	4.700	2.	1.	10.
		cutting grayish white, banded quartz	76.60	77.10	0.50	FX 479784	0.120	1.500	2.	1.	36.
		veinlet at 76.95 metres.	77.10	77.80	0.70	FX 479785	0.270	2.600	6.	2.	13.
		77.10 79.50 Moderate stockworking as	77.80	78.64	0.84	FX 479786	2.000	39.700	3.	1.	13.
		veinlet density increases to 1 per 10 -	78.64	79.50	0.86	FX 479787	0.200	3.600	2.	1.	35.
		20 centimetres. Occasional faint	79.50	80.81	1.31	FX 479788	0.230	0.100	2.	2.	9.
		banding with fine pyrite - carbonate	80.81	81.67	0.86	FX 479789	4.690	28.300	3.	1.	18.
		along selvages. From 79.20 to 79.45	81.67	82.80	1.13	FX 479790	0.510	2.200	1.	1.	55.
		metres, friable, crumbly zone partially	82.80	83.70	0.90	FX 479791	0.220	0.300	2.	2.	17.
		healed by drusy quartz.	83.70	84.73	1.03	FX 479792	0.200	0.100	2.	1.	14.
		79.50 84.73 Sparse veining. Occasional	84.73	85.40	0.67	FX 479793	0.084	0.800	2.	1.	22.
		dark black streaks carrying very fine	85.40	86.00	0.60	FX 479794	0.420	7.200	2.	1.	9.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		grained pyrite. Some blebby	86.00	86.70	0.70	FX 479795	0.081	0.300	4.	1.	12.
		interstitial pyrite in clay - altered	86.70	87.78	1.08	FX 479796	0.049	0.400	1.	1.	14.
		matrix. Minor soft white zeolite	87.78	88.30	0.52	FX 479797	0.180	0.700	4.	2.	14.
		mineral.	88.30	88.85	0.55	FX 479798	0.038	0.500	3.	1.	9.
		84.73 90.83 Veinlets, quartz flooding	88.85	89.45	0.60	FX 479799	0.170	0.200	4.	1.	7.
		and fracturing increases slightly with	89.45	90.25	0.80	FX 479800	0.330	5.600	4.	1.	11.
		occasional fine pyrite specks along	90.25	90.83	0.58	FX 479801	0.074	1.700	3.	1.	21.
		margins. Overall, moderate drusy	90.83	91.70	0.87	FX 479802	0.055	0.400	1.	1.	9.
		quartz stockwork development. Minor	91.70	92.65	0.95	FX 479803	0.250	3.300	3.	2.	11.
		greenish ?sauseritization of feldspars.	92.65	93.20	0.55	FX 479804	0.053	1.600	4.	1.	13.
		At 90.45 metres, braided white quartz	93.20	93.88	0.68	FX 479805	0.260	3.500	3.	1.	9.
		veinlets with fine pyrite streaks along	93.88	94.50	0.62	FX 479806	0.069	0.200	4.	1.	8.
		margins. Some vuggy quartz crystal	94.50	95.32	0.82	FX 479807	0.041	0.300	4.	1.	10.
		growth.	95.32	96.05	0.73	FX 479808	0.039	0.300	4.	2.	9.
		90.83 92.65 Only traces of quartz	96.05	97.00	0.95	FX 479809	0.180	0.600	1.	1.	8.
		veining.	97.00	97.80	0.80	FX 479810	0.072	0.300	3.	1.	11.
		92.65 105.42 Weakly veined. Density	97.80	99.82	2.02	FX 479811	0.049	0.300	1.	1.	6.
		approximately 1 per 0.3 to 0.5 metres.	99.82	100.30	0.48	FX 479812	0.028	0.400	5.	2.	62.
		Mostly pasty white to cream brown	100.30	101.00	0.70	FX 479813	0.025	0.200	6.	1.	8.
		coloured drusy quartz. Occasional	101.00	102.00	1.00	FX 479814	0.045	0.300	4.	1.	7.
		specks of partly oxidized pyrite.	102.00	103.02	1.02	FX 479815	0.049	0.100	3.	1.	8.
		Faint banding plus fine pyrite in cross	103.02	103.50	0.48	FX 479816	0.023	0.300	3.	1.	8.
		cutting veinlets at 93.55 metres.	103.50	104.50	1.00	FX 479817	0.009	0.300	3.	3.	15.
		Friable clay altered	104.50	105.42	0.92	FX 479818	0.013	0.200	2.	1.	15.
		fracture at 96.60 metres at 20 degrees	105.42	106.82	1.40	FX 479819	0.011	0.100	1.	1.	17.
		to core axis. Between 97.65 to 97.80,	106.82	108.40	1.58	FX 479820	0.018	0.100	2.	2.	16.
		quartz flooded patch, vaguely banded,	108.40	109.90	1.50	FX 479821	0.015	0.300	1.	2.	12.
		some pyrite clots. Also friable broken	109.90	111.21	1.31	FX 479822	0.036	0.200	3.	1.	11.
		core at 99.70 metres. Light to dark	111.21	112.17	0.96	FX 479823	0.037	0.100	1.	1.	12.
		gray coloured veinlet at 100.23 perhaps	112.17	113.65	1.48	FX 479824	0.027	0.200	5.	2.	12.
		caused by extremely fine pyrite within	113.65	115.21	1.56	FX 479825	0.020	0.200	7.	1.	18.
		chalcedonic quartz groundmass.									
		Localized brecciation from buff to									

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		white quartz flooding between 101.55 to 101.85 metres. Also whitish ?kaolinite along fractures. Thin veinlets carrying very fine sulfides seen at 100.75, 100.90 and 103.37 metres.									
		105.42 115.21 Veining decreases. A few friable, carbonate - kaolinite - quartz fractures. Intrusive texture totally bleached and barren looking. Minor amounts of variably oxidized pyrite. Some drusy, vuggy, cross cutting quartz veinlets noted at 111.97, 113.85 and 114.25 metre intervals. Graphitic fracture slip plane at 114.55 metres running at 50 degrees to core axis.									

** INCO **
DRILL LOG

BOREHOLE :87004-0
PROJECT : Outback
PROPERTY NAME: Outback Claim Group

PRINT DATE :13-SEP-1991 09:22

Latitude : 4245.00S	Departure : 5785.00E	Elevation : 1371.50m	Hole length : 124.36m
NTS/Quad : 82E/9	Logged by : D.M. Bohme	Assay req. : Au, 30 element ICP	Level :
Country : Canada	Drilled by : Roger's Drilling Services	Test Method : Hydrofluoric acid	Dip : -86
Prov./state : British Columbia	Drill type : JKS-Boyles Super 300	Started : July 2, 1991	BL azimuth : 34000
Twp/County :	Core size : BQ Thin Kerf / BTW (43 mm)	Completed : July 3, 1991	BH bearing : 34000
Claim # : 5332	Section : 42+50 S	Grid name : Cliff Zone	Heading :

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	340.00	-86.00	124.36	340.00	-86.50						

COMMENTS : ***
LEFT IN HOLE nothing
Hole surveyed as described for BH 87001-0. Same set - up site.
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
0.00	1.52	CASING									
		Overburden	0.00	1.52	1.52	NS					
1.52	14.20	QUARTZ MONZONITE									
		Variably propylitized quartz	1.52	4.00	2.48	NS					
		monzonite.	4.00	4.57	0.57	FX 479826	0.009	0.300	7.	1.	4.
		1.52 4.00 Broken core. Fractured,	4.57	5.90	1.33	FX 479827	0.001	0.300	7.	1.	2.
		propylitized quartz monzonite.	5.90	7.35	1.45	FX 479828	0.002	0.100	12.	1.	2.
		4.00 4.57 Tiny quartz carbonate	7.35	8.53	1.18	FX 479829	0.001	0.300	15.	1.	2.
		veinlets. At 4.50 metres, 3 centimetre	8.53	9.30	0.77	FX 479830	0.001	0.400	8.	1.	2.
		wide carbonate rich veinlet set in	9.30	10.10	0.80	FX 479831	0.002	0.400	8.	1.	2.
		siliceous matrix.	10.10	11.00	0.90	FX 479832	0.001	0.600	75.	1.	2.
		4.57 5.90 Broken core. Some core	11.00	11.73	0.73	FX 479833	0.002	0.500	11.	1.	3.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION
		missing.
		5.90 11.00 Fairly massive quartz monzonite porphyry.
		11.00 14.20 Moderate stockworking of millimetre size carbonate rich veinlets. A few quartz carbonate veinlets. Some veinlet brecciation. Trace pyrite.
14.20	15.80	CATACLASITE
		Highly shattered, crushed chloritic cataclasite. Open-space fill by carbonate, minor quartz carbonate veinlets. Possible amphibolite bands with fine magnetite - pyrite clots.
15.80	31.75	QUARTZ MONZONITE
		15.80 23.77 Moderate degree of hairline to millimetre size carbonate rich, drusy quartz veinlets. Weak stockworking plus veinlet brecciation between 17.15 to 18.85 metres. Fine grained interstitial pyrite common. From 19.40 to 23.77 metres, quartz carbonate veinlets increasing slightly within variably shattered intrusive matrix. Some autobrecciation.
		23.77 24.71 Irregular ptygmatic, crenulated, fine grained quartz veinlet runs down core axis. Very fine carbonate and pinhead pyrite seen. Greenish to white drusy quartz typical.
		24.71 31.75 Mostly quartz monzonite with foliated cataclasite bands betweem

FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
11.73	12.55	0.82	FX 479834	0.009	0.500	10.	1.	4.
12.55	13.20	0.65	FX 479835	0.008	0.600	16.	1.	3.
13.20	14.20	1.00	FX 479836	0.060	1.300	36.	2.	2.
14.20	15.00	0.80	FX 479837	0.160	3.300	335.	1.	2.
15.00	15.80	0.80	FX 479838	0.400	2.100	172.	1.	2.
15.80	17.05	1.25	FX 479839	0.220	0.500	13.	1.	6.
17.05	18.40	1.35	FX 479840	0.021	0.700	27.	1.	2.
18.40	19.40	1.00	FX 479841	0.029	0.500	19.	1.	2.
19.40	20.70	1.30	FX 479842	0.004	0.500	30.	1.	3.
20.70	21.90	1.20	FX 479843	0.010	0.600	24.	1.	2.
21.90	22.80	0.90	FX 479844	0.003	0.500	10.	1.	2.
22.80	23.77	0.97	FX 479845	0.002	0.400	10.	1.	2.
23.77	24.71	0.94	FX 479846	0.001	0.400	12.	1.	3.
24.71	26.00	1.29	FX 479847	0.004	0.400	20.	1.	4.
26.00	27.00	1.00	FX 479848	0.001	1.300	48.	1.	3.
27.00	27.80	0.80	FX 479849	0.001	1.400	63.	2.	2.
27.80	29.00	1.20	FX 479850	0.008	0.600	26.	2.	4.
29.00	30.20	1.20	FX 479851	0.001	0.300	16.	1.	3.
30.20	31.00	0.80	FX 479852	0.001	0.300	7.	1.	2.
31.00	31.75	0.75	FX 479853	0.001	0.800	38.	2.	2.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		25.60 to 27.80 metres. No significant									
		veining. At 27.20, fine grained to									
		bladed carbonate segregation. Minor									
		greenish shards of silicification.									
		Some drusy quartz carbonate veinlets at									
		30.90 and 31.60 metres.									
31.75	36.90	CATACLASITE									
		Calcareous, crenulated, dark	31.75	32.92	1.17	FX 479854	0.210	1.600	59.	2.	2.
		green to black cataclasite. Fine	32.92	33.55	0.63	FX 479855	0.330	2.300	190.	1.	4.
		pyrite clots generally throughout.	33.55	34.10	0.55	FX 479856	0.310	1.000	41.	1.	4.
		Between 33.55 to 34.65 metres,	34.10	34.65	0.55	FX 479857	0.870	1.900	43.	4.	2.
		shattered network of chalcedonic quartz	34.65	35.97	1.32	FX 479858	0.200	2.200	124.	2.	2.
		- carbonate veinlets within less	35.97	36.90	0.93	FX 479859	1.060	9.000	94.	3.	2.
		intensely foliated section. Some									
		autobrecciation.									
		34.65 36.90 Mostly calcite rich veinlets									
		and segregations.									
36.90	41.00	QUARTZ MONZONITE									
		Massive quartz monzonite.	36.90	38.17	1.27	FX 479860	0.770	2.200	22.	1.	2.
		Fracture veinlet density at 1 per 20 -	38.17	39.23	1.06	FX 479861	0.220	0.400	16.	1.	4.
		50 centimetres and generally cutting at	39.23	40.08	0.85	FX 479862	0.200	0.200	38.	1.	3.
		40 degrees to core axis. Veinlets	40.08	41.00	0.92	FX 479863	0.180	0.400	32.	1.	2.
		carbonate rich.									
41.00	43.20	CATACLASITE									
		Dense to moderately	41.00	42.06	1.06	FX 479864	0.010	0.100	39.	1.	2.
		foliated, locally siliceous. Some	42.06	43.20	1.14	FX 479865	1.190	4.700	75.	1.	2.
		broken core at 42.15 to 42.60 metres.									
		A few discrete quartz carbonate									
		veinlets.									
43.20	49.35	QUARTZ MONZONITE									
		Slightly bleached, pale	43.20	43.60	0.40	FX 479866	0.170	0.900	23.	1.	2.
		green quartz monzonite, locally cut by	43.60	44.30	0.70	FX 479867	0.910	4.200	7.	1.	2.
		epithermal open-space fill chalcedonic	44.30	45.00	0.70	FX 479868	0.470	2.100	11.	1.	3.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		quartz veinlets.	45.00	45.65	0.65	FX 479869	2.320	5.200	15.	2.	2.
		43.20 44.30 Chalcedonic quartz breccia	45.65	46.25	0.60	FX 479870	0.093	0.300	30.	1.	2.
		zone. Greenish to white quartz	46.25	46.80	0.55	FX 479871	0.031	0.300	22.	1.	4.
		carbonate shows finely banded textures.	46.80	47.23	0.43	FX 479872	0.029	0.100	26.	1.	4.
		Possible adularia. Trace fine pyrite.	47.23	47.80	0.57	FX 479873	0.048	0.500	25.	2.	2.
			47.80	48.16	0.36	FX 479874	0.076	0.200	26.	1.	2.
		44.30 49.35 Moderate to strong stockwork	48.16	48.77	0.61	FX 479875	0.085	0.400	41.	1.	2.
		development. At least two stages	48.77	49.35	0.58	FX 479876	0.085	0.600	10.	1.	2.
		quartz flooding. Minor offsets noted.									
		Carbonate appears to be minor									
		constituent of some chalcedony									
		veinlets. Brecciation common within									
		veins. Contact between highly bleached									
		unit is silicified at 30 degrees to									
		core axis. Sparse fine grained pyrite.									
49.35	63.05	QUARTZ FELDSPAR PORPH									
		Highly bleached,	49.35	49.75	0.40	FX 479877	0.190	0.700	5.	1.	3.
		argillically altered intrusive with	49.75	50.18	0.43	FX 479878	0.250	0.100	17.	1.	4.
		fine interstitial pyrite. Sharp	50.18	50.62	0.44	FX 479879	0.017	0.200	6.	1.	4.
		contact evident.	50.62	51.21	0.59	FX 479880	0.049	0.200	16.	1.	2.
		49.35 51.21 Open-space fill stockwork of	51.21	51.50	0.29	FX 479881	0.046	0.100	7.	4.	2.
		creamy white chalcednic quartz. Vague	51.50	51.90	0.40	FX 479882	0.068	0.400	15.	1.	3.
		banding. Very fine blackish streaks	51.90	52.50	0.60	FX 479883	0.063	0.100	13.	2.	5.
		within silicification. Very fine	52.50	53.00	0.50	FX 479884	0.170	0.400	19.	1.	2.
		grained ?mineral unidentified. Traces	53.00	53.60	0.60	FX 479885	0.080	0.300	12.	2.	4.
		of pyrite and possible Mn oxides.	53.60	54.25	0.65	FX 479886	1.380	2.600	60.	2.	9.
		51.21 53.60 Chalcedony vein at 51.55	54.25	54.75	0.50	FX 479887	0.540	4.200	5.	1.	11.
		metres at 30 degrees to core axis (3 cm	54.75	55.26	0.51	FX 479888	0.250	2.000	7.	1.	14.
		wide). Irregular, drusy veinlets	55.26	55.80	0.54	FX 479889	0.100	2.400	8.	2.	13.
		locally cross cut by microfractures.	55.80	56.25	0.45	FX 479890	5.200	61.000	10.	2.	21.
		53.60 54.75 Variably shattered zone.	56.25	57.30	1.05	FX 479891	0.240	1.300	3.	2.	14.
		Some broken core. Possible fault	57.30	57.70	0.40	FX 479892	0.110	1.900	1.	3.	15.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		(limonitic). Minor brecciation.	57.70	58.21	0.51	FX 479893	0.450	20.000	9.	2.	23.
		54.75 56.25 Stringer veining. Trace of	58.21	59.14	0.93	FX 479894	0.810	3.100	1.	2.	21.
		faint banding. Fine wispy stringers of	59.14	60.10	0.96	FX 479895	0.920	2.800	4.	6.	23.
		pyrite do not cross cut quartz. At	60.10	61.00	0.90	FX 479896	0.045	0.200	4.	1.	13.
		56.20 metres, very fine gray mineral	61.00	61.53	0.53	FX 479897	0.390	4.200	4.	3.	24.
		noted with pyrite. Possibly	61.53	62.29	0.76	FX 479898	0.630	2.000	5.	1.	16.
		tetrahedrite ?silver mineral.	62.29	63.05	0.76	FX 479899	0.470	4.600	6.	1.	12.
		56.25 61.00 Degree of veining, microfracturing and trace pyrite content drops off somewhat. Weak stockwork between 57.40 to 58.10 metres. Veinlets pitted by clay - carbonate. Some hexagonal quartz growths.									
		61.00 63.05 Several discordant, braided, milky white pitted quartz veinlets. Minute quartz crystals in vugs. Some white kaolinite.									
63.05	63.52	QUARTZ VEIN									
		Quartz flooding - vein	63.05	63.52	0.47	FX 479900	1.800	5.500	1.	1.	10.
		breccia with small hexagonal quartz blooms in vugs. Traces of very fine grained pyrite clots and whitish kaolinite material.									
63.52	111.60	QUARTZ FELDSPAR PORPHYRY									
		63.52 70.25 Increasing density of drusy	63.52	64.00	0.48	FX 479901	0.940	5.200	6.	2.	8.
		white vuggy quartz veinlets. Weak	64.00	64.50	0.50	FX 479902	0.210	1.100	2.	2.	16.
		stockwork in places. Very fine grained	64.50	65.00	0.50	FX 479903	0.040	0.300	4.	1.	6.
		pyrite usually can be seen in	65.00	65.50	0.50	FX 479904	0.210	2.500	1.	1.	11.
		silicification. Some veinlets are a	65.50	66.10	0.60	FX 479905	1.840	32.000	1.	2.	8.
		brown - white colour and show faint	66.10	66.60	0.50	FX 479906	1.260	8.300	4.	1.	8.
		banding. Fine hairline - clay altered	66.60	67.60	1.00	FX 479907	0.780	2.100	8.	1.	11.
		fractures sometimes cross cut drusy	67.60	68.00	0.40	FX 479908	1.220	3.100	1.	1.	42.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		quartz. Interstitial pyrite clots	68.00	68.60	0.60	FX 479909	0.260	0.800	1.	1.	16.
		within intrusive.	68.60	69.50	0.90	FX 479910	0.270	2.800	6.	2.	25.
70.25	77.55	Degree of veining decreasing	69.50	70.25	0.75	FX 479911	0.850	10.100	6.	1.	15.
		to 1 per 0.3 to 0.6 metres in bleached,	70.25	71.50	1.25	FX 479912	0.036	0.700	6.	1.	12.
		weakly fractured intrusive. Drusy	71.50	72.54	1.04	FX 479913	1.020	9.000	4.	1.	47.
		quartz veinlets typically vuggy with	72.54	73.00	0.46	FX 479914	1.600	2.500	7.	2.	10.
		fine carbonate and trace pyrite along	73.00	74.00	1.00	FX 479915	0.410	1.300	5.	1.	11.
		selvages. At 77.15 and 77.24 metres,	74.00	74.95	0.95	FX 479916	0.041	0.300	4.	1.	10.
		dark ribbons of very fine grained	74.95	76.00	1.05	FX 479917	0.038	0.200	6.	1.	9.
		pyrite within quartz healed fractures.	76.00	76.90	0.90	FX 479918	0.190	0.600	3.	1.	8.
77.55	78.64	Barren intrusive.	76.90	77.55	0.65	FX 479919	0.210	0.400	4.	1.	10.
78.64	81.68	Weak silicification at 79.75	77.55	78.64	1.09	FX 479920	0.037	0.700	5.	1.	6.
		and 80.40 metres. At 80.13 metres,	78.64	79.70	1.06	FX 479921	0.480	5.600	5.	1.	34.
		graphitic slip plane with fine pyrite	79.70	80.47	0.77	FX 479922	0.550	30.400	4.	15.	50.
		at 45 degrees to core axis.	80.47	81.68	1.21	FX 479923	0.460	2.100	2.	1.	12.
81.68	87.00	Concentration of drusy	81.68	82.95	1.27	FX 479924	0.084	0.400	7.	1.	11.
		quartz increases to 1 per 20 to 50	82.95	83.81	0.86	FX 479925	0.260	3.000	5.	1.	15.
		centimetres (less than 1 cm wide).	83.81	84.73	0.92	FX 479926	0.220	1.000	6.	1.	44.
		Fine pyrite and hackly silver gray	84.73	85.70	0.97	FX 479927	0.052	0.300	8.	1.	35.
		mineral noted at 84.41 and 85.29	85.70	87.00	1.30	FX 479928	0.210	1.900	5.	1.	11.
		metres.	87.00	88.30	1.30	FX 479929	0.230	0.500	9.	1.	9.
87.00	92.50	Sporadic silicification.	88.30	89.28	0.98	FX 479930	0.170	0.500	6.	1.	19.
		Friable core sections.	89.28	92.50	3.22	NS					
92.50	103.02	Very weak quartz flooding.	92.50	93.70	1.20	FX 479931	0.045	0.200	2.	1.	12.
		Creamy beige silicification at 97.30	93.70	95.00	1.30	FX 479932	0.200	0.300	7.	1.	11.
		metres, tiny black irregular fractures	95.00	96.31	1.31	FX 479933	0.270	0.400	4.	1.	13.
		with very fine grained sulfides.	96.31	97.50	1.19	FX 479934	0.078	0.300	2.	2.	13.
103.02	111.60	Sparsely veined section.	97.50	98.70	1.20	FX 479935	0.270	0.700	1.	1.	12.
		Weak hairline microfracturing. Very	98.70	99.97	1.27	FX 479936	0.069	0.300	2.	1.	11.
		little pyrite. At 108.40 metres, cream	99.97	101.00	1.03	FX 479937	0.410	0.500	2.	3.	9.
		colour silicification at 50 degrees to	101.00	101.70	0.70	FX 479938	0.280	0.500	5.	2.	9.
		core axis.	101.70	102.37	0.67	FX 479939	0.051	0.200	2.	1.	9.
			102.37	103.02	0.65	FX 479940	0.110	0.900	4.	8.	21.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
			103.02	104.00	0.98	FX 479941	0.097	0.500	5.	1.	12.
			104.00	105.00	1.00	FX 479942	0.110	0.800	5.	2.	10.
			105.00	106.07	1.07	FX 479943	0.038	0.300	5.	1.	9.
			106.07	107.25	1.18	FX 479944	0.140	0.500	4.	2.	16.
			107.25	108.26	1.01	FX 479945	0.031	0.400	3.	2.	12.
			108.26	109.12	0.86	FX 479946	0.057	0.300	1.	2.	17.
			109.12	109.60	0.48	FX 479947	0.024	0.300	1.	1.	23.
			109.60	111.60	2.00	NS					
111.60	112.00	QUARTZ VEIN									
		Brown to light gray quartz	111.60	112.00	0.40	FX 479948	0.032	0.200	5.	1.	17.
		flooding, some brecciation. Multistage									
		silicification as indicated by fine									
		silica banding. Some white streaks of									
		kaolinite or possibly a zeolite group									
		mineral. No apparant sulfides.									
112.00	124.36	QUARTZ FELDSPAR PORPH									
		112.00 115.90 Mostly barren intrusive.	112.00	112.30	0.30	FX 479949	0.049	0.200	1.	1.	16.
		However, at 112.35 metres, a few	112.30	112.72	0.42	FX 479950	0.220	0.300	4.	2.	17.
		millimetre size veinlets with reddish	112.72	115.90	3.18	NS					
		brown hematitic selvages cross cuts a	115.90	116.72	0.82	FX 479951	0.028	0.300	1.	1.	8.
		drusy, vuggy quartz veinlet. Veinlets	116.72	120.30	3.58	NS					
		at 20 degrees to core axis.	120.30	121.31	1.01	FX 479952	0.021	0.100	2.	2.	13.
		115.90 124.36 Some soft white zeolitic	121.31	121.80	0.49	FX 479953	0.011	0.300	1.	2.	13.
		material locally. Minor	121.80	123.30	1.50	FX 479954	0.021	0.200	2.	2.	13.
		silicification. Trace pyrite with	123.30	124.36	1.06	NS					
		white quartz carbonate veinlet -									
		silicification noted at 121.28, 121.54									
		and 121.74 metres.									

** INCO **
DRILL LOG

BOREHOLE :87005-0 PRINT DATE :13-SEP-1991 09:22
PROJECT : Outback
PROPERTY NAME: Outback Claim Group

Latitude	: 4246.00S	Departure	: 5786.00E	Elevation	: 1371.50m	Hole length	: 84.43m
NTS/Quad	: 82E/9	Logged by	: D.M. Bohme	Assay req.	: Au, 30 element ICP	Level	:
Country	: Canada	Drilled by	: Roger's Drilling Services	Test Method	: Hydrofluoric acid	Dip	: -45
Prov./state	: British Columbia	Drill type	: JKS-Boyles Super 300	Started	: July 4, 1991	BL azimuth	: 10500
Twp/County	:	Core size	: BQ Thin Kerf / BTW (43 mm)	Completed	: July 4, 1991	BH bearing	: 10500
Claim #	: 5332	Section	: 42+50 S	Grid name	: Cliff Zone	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	105.00	-45.00	84.43	105.00	-42.50						

COMMENTS : **
LEFT IN HOLE none
Hole surveyed as described for BH 87001-0. Same set - up site.
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
0.00	1.52	CASING									
		Overburden	0.00	1.52	1.52	NS					
1.52	31.75	QUARTZ MONZONITE									
1.52	3.10	Broken core	1.52	3.10	1.58	NS					
3.10	9.10	Moderately well fractured,	3.10	4.57	1.47	FX 479955	0.011	0.500	12.	1.	10.
		typical propylitized quartz monzonite	4.57	5.85	1.28	FX 479956	0.006	0.300	11.	1.	5.
		porphyry. Small wavy fractures	5.85	7.05	1.20	FX 479957	0.006	0.400	25.	1.	3.
		throughout healed mostly by calcite,	7.05	8.22	1.17	FX 479958	0.004	0.500	15.	1.	3.
		minor quartz.	8.22	9.10	0.88	FX 479959	0.003	0.200	8.	1.	2.
9.10	13.85	A few quartz carbonate rich	9.10	10.20	1.10	FX 479960	0.004	0.300	10.	1.	2.
		veinlets up to 2 centimetres wide.	10.20	10.60	0.40	FX 479961	0.004	0.200	10.	1.	5.
		Minor vein brecciation. Fine clots of	10.60	11.60	1.00	FX 479962	0.001	0.200	11.	1.	4.

FROM m	TO m	DESCRIPTION
		pyrite generally throughout intrusive. 13.85 17.37 Sections of broken core. Discontinuous carbonate rich segregations common. 17.37 31.75 More massive propylite. Locally shattered by fine network of calcareous microveinlets. At 20.25 metres, fine to coarse grained quartz carbonate veinlet at 50 degrees to core axis. Crumbly shear zone at 31.16 metres after which intrusive becomes fine grained and slightly siliceous.
31.75	32.75	BRECCIA 31.75 32.42 Well silicified breccia ?pipe or dike trending 60 degrees to core axis. Variety of rounded fragments including shards of cataclasite all within a light to dark green siliceous matrix. Very fine grained pyrite throughout. Fine carbonate also. 32.42 32.75 Similar to above except a hard chalcedonic siliceous cement. Fragments show some degree of re-silicification including another narrow vein breccia seam (about 2 cm wide) cross cutting larger dike - breccia structure. Scattered pyrite throughout.

FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
11.60	12.62	1.02	FX 479963	0.002	0.200	46.	1.	3.
12.62	13.85	1.23	FX 479964	0.001	0.200	19.	1.	5.
13.85	15.50	1.65	FX 479965	0.004	0.200	11.	1.	8.
15.50	17.37	1.87	FX 479966	0.003	0.100	9.	1.	4.
17.37	18.95	1.58	FX 479967	0.003	0.300	75.	1.	5.
18.95	19.37	0.42	FX 479968	0.002	0.200	22.	1.	4.
19.37	20.42	1.05	FX 479969	0.002	0.100	14.	1.	7.
20.42	21.90	1.48	FX 479970	0.001	0.100	12.	1.	6.
21.90	23.47	1.57	FX 479971	0.001	0.100	7.	1.	2.
23.47	24.65	1.18	FX 479972	0.001	0.100	8.	1.	2.
24.65	26.00	1.35	FX 479973	0.002	0.100	7.	1.	5.
26.00	27.10	1.10	FX 479974	0.001	0.100	23.	1.	3.
27.10	28.40	1.30	FX 479975	0.002	0.100	20.	1.	5.
28.40	29.56	1.16	FX 479976	0.004	0.100	8.	1.	3.
29.56	30.50	0.94	FX 479977	0.001	0.100	8.	1.	4.
30.50	31.75	1.25	FX 479978	0.200	0.500	25.	1.	6.
31.75	32.42	0.67	FX 479979	0.750	16.400	36.	1.	4.
32.42	32.75	0.33	FX 479980	0.660	15.100	20.	3.	4.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
32.75	66.46	QUARTZ MONZONITE									
		32.75 34.06 Quartz monzonite host cut by	32.75	33.39	0.64	FX 479981	0.200	0.900	76.	3.	7.
		good open-space fill stockwork of	33.39	33.62	0.23	FX 479982	0.030	0.700	62.	2.	2.
		chalcedonic quartz. Some vague banding	33.62	34.06	0.44	FX 479983	0.016	0.400	30.	2.	6.
		around veinlet breccia clasts. Fine	34.06	34.75	0.69	FX 479984	0.005	0.200	28.	1.	7.
		carbonate. Traces of fine pyrite.	34.75	35.30	0.55	FX 479985	0.010	0.800	17.	1.	5.
		34.06 38.16 Narrow zones of veining and	35.30	35.80	0.50	FX 479986	0.003	0.600	24.	1.	5.
		patchy light green silicification.	35.80	36.40	0.60	FX 479987	0.290	0.300	37.	1.	4.
		Veinlet density decreases to 1 per 10 -	36.40	37.00	0.60	FX 479988	0.011	0.100	19.	1.	3.
		30 centimetres. Occasional weak	37.00	37.55	0.55	FX 479989	0.050	0.700	27.	1.	6.
		stockworking.	37.55	38.16	0.61	FX 479990	0.077	0.400	15.	1.	3.
		38.16 48.37 Veining drops off	38.16	39.05	0.89	FX 479991	0.006	0.200	15.	1.	5.
		dramatically. Massive quartz monzonite	39.05	40.00	0.95	FX 479992	0.001	0.300	42.	1.	6.
		slightly fresher in appearance. Less	40.00	41.22	1.22	FX 479993	0.001	0.200	27.	1.	2.
		propylization apparant. Only a few	41.22	42.10	0.88	FX 479994	0.001	0.200	33.	1.	3.
		discrete quartz carbonate veinlets.	42.10	42.65	0.55	FX 479995	0.003	0.300	97.	1.	2.
		48.37 52.64 Ribbons of carbonate rich	42.65	43.72	1.07	FX 479996	0.001	0.200	31.	1.	7.
		veining increases slightly. Rare	43.72	44.81	1.09	FX 479997	0.001	0.200	39.	1.	2.
		pyrite specks. Wavy, chloritic	44.81	46.10	1.29	FX 479998	0.001	0.200	58.	1.	5.
		microfracturing locally.	46.10	47.20	1.10	FX 479999	0.001	0.200	35.	1.	3.
		52.64 58.00 Millimetre size quartz	47.20	48.37	1.17	FX 480000	0.012	0.500	58.	1.	2.
		carbonate veinlets every 10 to 25	48.37	49.60	1.23	FX 483756	0.011	0.300	33.	1.	3.
		centimetres. Weak stockwork in places.	49.60	50.90	1.30	FX 483757	0.008	0.400	74.	1.	2.
			50.90	51.64	0.74	FX 483758	0.009	0.300	33.	1.	4.
		58.00 61.80 Weak to moderate development	51.64	53.95	2.31	FX 483759	0.004	0.100	25.	1.	4.
		of epithermal looking quartz carbonate	53.95	55.00	1.05	FX 483760	0.004	0.100	18.	1.	5.
		veinlets up to 5 centimetres wide.	55.00	56.00	1.00	FX 483761	0.001	0.100	35.	1.	2.
		Between 58.10 to 58.35 metres, finely	56.00	57.00	1.00	FX 483762	0.003	0.200	33.	1.	4.
		bladed carbonate within veinlets.	57.00	58.00	1.00	FX 483763	0.003	0.100	43.	1.	7.
		Minor brecciation. Quartz monzonite	58.00	59.00	1.00	FX 483764	0.005	0.300	121.	1.	2.
		host is un - typically fine grained.	59.00	60.00	1.00	FX 483765	0.002	0.300	107.	1.	2.
		Locally, some green to white chalcedony	60.00	60.65	0.65	FX 483766	0.008	0.300	23.	1.	4.
		rimming clasts. Rare very fine grained	60.65	61.80	1.15	FX 483767	0.170	0.500	57.	1.	4.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		pyrite. Similar siliceous fracture	61.80	63.09	1.29	FX 483768	0.051	0.300	35.	1.	3.
		healing at 60.29 and 61.75 metres.	63.09	63.75	0.66	FX 483769	0.037	3.300	27.	1.	4.
		61.80 66.46 A few tiny quartz carbonate	63.75	65.10	1.35	FX 483770	0.019	0.300	36.	1.	2.
		veinlets cutting fine to medium grained	65.10	66.46	1.36	FX 483771	0.004	0.200	7.	1.	6.
		quartz monzonite porphyry.									
66.46	68.35	QUARTZ FELDSPAR PORPH									
		Not really a quartz feldspar	66.46	66.91	0.45	FX 483772	0.001	0.300	22.	1.	2.
		porphyry dike but resembling a slightly	66.91	67.60	0.69	FX 483773	0.001	0.200	16.	1.	2.
		bleached quartz monzonite with variably	67.60	68.35	0.75	FX 483774	0.022	0.200	38.	1.	4.
		argillitized feldspars. Microfractures									
		throughout healed by carbonate or									
		quartz carbonate veinlets.									
68.35	69.20	QUARTZ MONZONITE									
		Propylitized but no real	68.35	69.20	0.85	FX 483775	0.006	0.300	36.	1.	2.
		bleaching evident as described above.									
		Traces of carbonate veining.									
69.20	84.43	QUARTZ FELDSPAR PORPH									
		Bleaching increases	69.20	69.80	0.60	FX 483776	0.190	0.200	16.	1.	5.
		significant to semi - pervasive	69.80	70.40	0.60	FX 483777	0.017	0.200	30.	1.	5.
		argillitization; however veining is	70.40	71.05	0.65	FX 483778	0.014	0.300	14.	1.	5.
		only weakly developed. Contact is	71.05	72.00	0.95	FX 483779	0.026	0.100	3.	3.	9.
		defined by a faint fracture. Fine	72.00	72.32	0.32	FX 483780	0.360	9.200	3.	1.	14.
		interstitial pyrite throughout	72.32	73.00	0.68	FX 483781	0.450	0.400	3.	2.	9.
		intrusive. Some veinlets offset	73.00	73.96	0.96	FX 483782	0.001	0.600	3.	1.	8.
		slightly by small scale fracturing.	73.96	74.65	0.69	FX 483783	0.002	0.300	3.	1.	11.
		71.05 72.00 Strong argillic alteration.	74.65	75.44	0.79	FX 483784	0.006	0.400	2.	2.	17.
		Some white to dark black	75.44	76.15	0.71	FX 483785	0.081	0.500	3.	1.	18.
		microfractures.	76.15	76.65	0.50	FX 483786	0.001	0.300	3.	1.	16.
		72.00 72.32 Smooth creamy beige to gray	76.65	77.40	0.75	FX 483787	0.210	0.600	4.	2.	11.
		white semi - pervasive quartz flooding.	77.40	78.30	0.90	FX 483788	0.002	0.200	3.	1.	8.
		Locally pyritic. Some greenish clay	78.30	78.70	0.40	FX 483789	0.001	2.400	4.	1.	15.
		sericite alteration. Sharp contact	78.70	79.12	0.42	FX 483790	0.002	1.300	5.	3.	10.
		with highly bleached quartz feldspar	79.12	80.60	1.48	FX 483791	0.210	0.500	4.	1.	14.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		porphyry almost perpendicular to core axis.	80.60	81.60	1.00	FX 483792	0.002	0.300	4.	1.	13.
			81.60	82.85	1.25	FX 483793	0.110	0.300	2.	2.	16.
72.32	84.43	Totally bleached white, argillitized intrusive. Patchy sections with interstitial pyrite. Discrete, passive looking veinlets and silicification noted at 74.20, 76.60, 77.25 and 82.53 metres. Graphitic slip plane at 40 degrees to core axis at 78.50 metres.	82.85	84.43	1.58	NS					

** INCO **
DRILL LOG

BOREHOLE :87006-0 PRINT DATE :13-SEP-1991 09:22
PROJECT : Outback
PROPERTY NAME: Outback Claim Group

Latitude	: 4246.00S	Departure	: 5786.00E	Elevation	: 1371.50m	Hole length	: 87.47m
NTS/Quad	: 82E/9	Logged by	: D.M. BOHME	Assay req.	: Au, 30 element ICP	Level	:
Country	: Canada	Drilled by	: Roger's Drilling Services	Test Method	: Hydrofluoric acid	Dip	: -45
Prov./state	: British Columbia	Drill type	: JKS-Boyles Super 300	Started	: July 4, 1991	BL azimuth	: 13000
Twp/County	:	Core size	: BQ Thin Kerf / BTW (43 mm)	Completed	: July 5, 1991	BH bearing	: 13000
Claim #	: 5332	Section	: 42+50 S	Grid name	: Cliff Zone	Heading	:

** DEVIATION RECORDS **

depth	azm	dip	depth	azm	dip	depth	azm	dip	depth	azm	dip
0.00	130.00	-45.00	87.47	130.00	-42.50						

COMMENTS : **
LEFT IN HOLE none
Same set - up site utilized as for BH's 87001-0 to 87005-0. Hole as described for BH 87001-0.
****

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
0.00	1.52	CASING									
		Overburden	0.00	1.52	1.52	NS					
1.52	34.02	QUARTZ MONZONITE									
		Propylitized quartz	1.52	5.65	4.13	NS					
		monzonite. Locally pyritic, magnetic.	5.65	6.80	1.15	FX 483794	0.002	0.200	6.	1.	2.
		1.52 5.65 Broken core	6.80	8.23	1.43	FX 483795	0.001	0.200	9.	1.	2.
		5.65 6.80 Carbonate rich fracture	8.23	9.00	0.77	FX 483796	0.002	0.100	10.	1.	2.
		cutting parallel to core axis.	9.00	10.00	1.00	FX 483797	0.010	0.200	7.	1.	3.
		6.80 12.89 Massive quartz monzonite.	10.00	11.28	1.28	FX 483798	0.004	0.300	6.	1.	2.
		Variably cut by calcite veinlets.	11.28	12.07	0.79	FX 483799	0.003	0.200	9.	1.	2.
		Occasional quartz carbonate veinlets up	12.07	12.89	0.82	FX 483800	0.021	0.200	44.	1.	2.

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		to 2 centimetres wide. At 12.85	12.89	13.33	0.44	FX 483801	0.002	0.800	138.	2.	2.
		metres, coarse grained quartz vein cut	13.33	14.32	0.99	FX 483802	0.007	0.200	39.	1.	2.
		by drusy carbonate veinlets.	14.32	15.00	0.68	FX 483803	0.002	0.100	6.	1.	2.
		12.89 13.33 Drusy, broken up quartz	15.00	15.70	0.70	FX 483804	0.001	0.200	7.	1.	2.
		carbonate veinlet at 10 degrees to core	15.70	16.35	0.65	FX 483805	0.011	0.500	34.	1.	3.
		axis with fine pyrite.	16.35	17.00	0.65	FX 483806	0.003	0.300	60.	1.	2.
		13.33 15.70 Some broken core. Slightly	17.00	17.85	0.85	FX 483807	0.005	0.100	8.	1.	2.
		bleached quartz monzonite with fine	17.85	18.60	0.75	FX 483808	0.004	0.200	9.	1.	2.
		ribbons of carbonate throughout.	18.60	19.50	0.90	FX 483809	0.004	0.200	9.	1.	2.
		15.70 18.60 Slightly argillitized,	19.50	20.40	0.90	FX 483810	0.010	0.200	37.	1.	3.
		bleached quartz monzonite with	20.40	21.20	0.80	FX 483811	0.005	0.200	18.	1.	3.
		carbonate rich vein breccia zones	21.20	24.37	3.17	NS					
		particularly between 15.45 to 17.00	24.37	25.40	1.03	FX 483812	0.002	0.200	10.	1.	3.
		metres. No significant silicification.	25.40	26.51	1.11	FX 483813	0.003	0.300	60.	1.	2.
			26.51	27.73	1.22	FX 483814	0.001	0.200	21.	1.	5.
		18.60 24.37 Massive fresh looking quartz	27.73	28.70	0.97	FX 483815	0.001	0.100	10.	1.	2.
		monzonite. Only a few discrete calcite	28.70	29.56	0.86	FX 483816	0.002	0.100	21.	1.	2.
		veinlets.	29.56	30.17	0.61	FX 483817	0.002	0.200	38.	1.	2.
		24.37 29.56 Some weakly developed	30.17	30.63	0.46	FX 483818	0.001	0.100	20.	1.	4.
		foliation locally. A few irregular	30.63	31.07	0.44	FX 483819	0.001	0.200	55.	2.	4.
		discontinuous carbonate veinlets.	31.07	31.60	0.53	FX 483820	0.001	0.100	19.	1.	5.
		29.56 34.02 Small scale fracturing	31.60	32.61	1.01	FX 483821	0.004	0.100	34.	1.	5.
		increases slightly. Several parallel	32.61	33.20	0.59	FX 483822	0.001	0.200	18.	1.	5.
		quartz carbonate veinlets at 31.20	33.20	33.72	0.52	FX 483823	0.003	0.400	48.	1.	2.
		metres. Vague bleaching of quartz	33.72	34.02	0.30	FX 483824	0.003	0.100	30.	1.	13.
		monzonite between 33.70 and 34.02									
		metres.									
34.02	35.95	BRECCIA									
		Possible narrow breccia pipe	34.02	34.53	0.51	FX 483825	0.190	2.300	37.	2.	2.
		or dike offshoot as seen in BH 87005-0.	34.53	35.27	0.74	FX 483826	3.730	24.800	18.	3.	7.
			35.27	35.66	0.39	FX 483827	3.490	4.500	34.	3.	2.
		34.02 34.55 Chloritic wallrock	35.66	35.95	0.29	FX 483828	0.028	0.300	19.	2.	4.
		brecciation. Fine grained pyrite									

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
		throughout.									
		34.55 35.20 Variably bleached and									
		silicified rounded breccia fragments in									
		light green, calcareous, chalcedonic									
		matrix. Some broken core.									
		35.20 35.95 Drusy, white to light gray									
		quartz veinlets cross cut the greenish									
		siliceous cement of the breccia pipe.									
		Lower contact shows a weak network of									
		quartz carbonate veinlets. Small									
		brecciated fragments generally quite									
		pyritic.									
35.95	76.63	QUARTZ MONZONITE									
		35.95 37.45 Several light green,	35.95	36.60	0.65	FX 483829	1.550	1.800	14.	2.	2.
		calcareous, fine grained siliceous	36.60	37.45	0.85	FX 483830	1.920	2.600	26.	2.	2.
		veinlets perpendicular to core axis.	37.45	38.71	1.26	FX 483831	0.060	0.400	24.	1.	4.
		Vague banding evident within narrow	38.71	39.35	0.64	FX 483832	0.036	0.400	15.	1.	2.
		vein at 37.10 metres by various shades	39.35	39.90	0.55	FX 483833	0.075	0.200	8.	2.	4.
		of green colouration.	39.90	40.41	0.51	FX 483834	0.032	0.100	17.	2.	2.
		37.45 40.97 Slightly bleached quartz	40.41	40.97	0.56	FX 483835	0.180	1.300	49.	2.	4.
		monzonite with quartz carbonate veinlet	40.97	41.75	0.78	FX 483836	0.012	0.100	14.	1.	2.
		density at 1 per 10 to 30 centimetres.	41.75	42.60	0.85	FX 483837	0.003	0.100	16.	2.	5.
		Rare pyrite within matrix.	42.60	43.00	0.40	FX 483838	0.032	0.200	23.	2.	6.
		40.97 48.80 Weakly shattered in places.	43.00	43.85	0.85	FX 483839	0.003	0.100	11.	2.	4.
		A few quartz carbonate veinlets with	43.85	44.72	0.87	FX 483840	0.006	0.100	15.	1.	7.
		very fine light coloured alteration	44.72	45.90	1.18	FX 483841	0.005	0.100	20.	3.	2.
		halos or selvages noted around them.	45.90	46.45	0.55	FX 483842	0.010	0.200	35.	4.	5.
		48.80 52.45 Veining increasing slightly.	46.45	47.50	1.05	FX 483843	0.001	0.400	16.	1.	5.
		Minor veinlet brecciation. Some tiny	47.50	48.80	1.30	FX 483844	0.005	0.400	47.	2.	2.
		veinlets cross cut coarse grained	48.80	49.45	0.65	FX 483845	0.004	0.200	33.	2.	3.
		quartz segregations.	49.45	50.90	1.45	FX 483846	0.016	0.100	25.	1.	2.
		52.45 53.00 Friable, calcareous, weakly	50.90	51.60	0.70	FX 483847	0.004	0.200	18.	1.	2.
		brecciated zone. Chloritic matrix.	51.60	52.45	0.85	FX 483848	0.001	0.100	30.	1.	3.

** INCO **

DRILL LOG

FROM m	TO m	DESCRIPTION	FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
53.00	55.42	Several wavy quartz carbonate veinlets offset by microfractures.	52.45	53.00	0.55	FX 483849	0.006	0.200	23.	2.	4.
			53.00	53.95	0.95	FX 483850	0.017	0.100	42.	2.	2.
			53.95	54.72	0.77	FX 483851	0.003	0.200	42.	1.	2.
55.42	59.00	Siliceous, massive quartz monzonite. Quite pyritic in places. Sparse fracturing.	54.72	55.40	0.68	FX 483852	0.003	0.500	66.	1.	2.
			55.40	56.80	1.40	FX 483853	0.003	0.300	54.	2.	2.
			56.80	58.00	1.20	FX 483854	0.004	0.200	40.	1.	2.
59.00	64.62	Drusy quartz carbonate veinlets 1 per 20 to 40 centimetres. At 61.60 metres, light green to fine grained white quartz veinlets. Weakly brecciated in places.	58.00	59.00	1.00	FX 483855	0.004	0.400	82.	20.	4.
			59.00	60.04	1.04	FX 483856	0.001	0.300	36.	1.	3.
			60.04	60.40	0.36	FX 483857	0.007	0.300	55.	7.	3.
			60.40	61.37	0.97	FX 483858	0.002	0.200	65.	1.	4.
			61.37	62.70	1.33	FX 483859	0.021	0.300	48.	1.	3.
64.62	70.36	Mostly carbonate rich veinlets and microfracture coatings.	62.70	63.09	0.39	FX 483860	0.030	0.200	26.	1.	2.
			63.09	64.27	1.18	FX 483861	0.004	0.100	19.	1.	2.
70.36	76.63	Strong propylitization. Locally quite pyritic. Relatively sparse amounts of veining (typically carbonate rich).	64.27	65.10	0.83	FX 483862	0.001	0.100	19.	1.	4.
			65.10	66.14	1.04	FX 483863	0.006	0.200	29.	1.	2.
			66.14	67.00	0.86	FX 483864	0.007	0.200	35.	1.	2.
			67.00	67.65	0.65	FX 483865	0.024	0.200	16.	1.	2.
			67.65	68.62	0.97	FX 483866	0.098	1.300	26.	1.	2.
			68.62	69.19	0.57	FX 483867	0.019	0.100	9.	1.	2.
			69.19	70.36	1.17	FX 483868	0.040	0.200	30.	5.	2.
			70.36	71.42	1.06	FX 483869	0.072	0.600	47.	2.	2.
			71.42	72.40	0.98	FX 483870	0.057	0.800	55.	1.	2.
			72.40	73.10	0.70	FX 483871	0.068	2.600	49.	5.	4.
			73.10	73.90	0.80	FX 483872	0.710	1.500	35.	15.	3.
			73.90	74.20	0.30	FX 483873	0.071	4.400	32.	5.	8.
			74.20	75.00	0.80	FX 483874	0.004	0.200	11.	1.	5.
			75.00	75.52	0.52	FX 483875	0.005	0.100	16.	1.	4.
			75.52	76.15	0.63	FX 483876	0.022	0.300	48.	1.	2.
			76.15	76.63	0.48	FX 483877	0.010	0.300	53.	1.	2.
76.63	87.47	QUARTZ FELDSPAR PORPHYRY									
		Fracture line contact between alteration front and propylite at 40 degrees to core axis (intrusive	76.63	77.00	0.37	FX 483878	0.100	0.500	21.	1.	3.
			77.00	77.40	0.40	FX 483879	0.520	4.200	22.	3.	6.
			77.40	78.60	1.20	FX 483880	0.340	1.700	3.	3.	13.

FROM m	TO m	DESCRIPTION
		contact implied).
		76.63 77.00 Very weak veining.
		77.00 77.40 Significant cryptocrystalline quartz flooding. Silica matrix brecciation also. Very fine pyrite in dark gray siliceous matrix. Greenish feldspathic matrix likely clay sericite alteration.
		77.40 87.47 Minor quartz flooding or cross cutting veinlets in remaining section. Totally bleached white quartz monzonite. Specks of less resistant white ?zeolite material and fine pyrite clots within argillic matrix.

FROM m	TO m	LENGTH m	SAMPLE#	AU PPM	AG PPM	CU PPM	MO PPM	PB PPM
78.60	78.90	0.30	FX 483881	0.069	0.300	5.	2.	8.
78.90	79.30	0.40	FX 483882	0.013	0.400	2.	2.	10.
79.30	80.45	1.15	FX 483883	0.170	0.200	4.	2.	9.
80.45	81.38	0.93	FX 483884	0.160	0.300	4.	3.	12.
81.38	82.50	1.12	FX 483885	0.150	0.300	4.	2.	17.
82.50	87.47	4.97	NS					

APPENDIX II

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Inco Expl. & Tech. Services PROJECT 60513 File # 91-2237 Page 1

2690 - 666 Burrard St., Vancouver BC V6C 2X8 Submitted by: DENNIS BOHME

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-479261	1	9	4	26	.1	7	8	494	2.92	4	7	ND	6	157	.5	2	2	48	3.64	.065	9	10	1.13	19	.06	2	1.27	.03	.12	1	16
FX-479262	1	29	2	27	.2	7	7	525	2.64	5	7	ND	6	314	.4	3	2	45	5.66	.062	8	10	1.05	16	.04	2	1.22	.03	.12	1	16
FX-479263	1	18	2	27	.2	7	7	483	2.57	3	10	ND	5	159	.3	2	2	49	5.52	.075	6	9	1.42	15	.01	2	1.36	.03	.10	1	8
FX-479264	1	12	5	31	.1	11	9	411	2.91	2	5	ND	6	136	.6	2	2	64	2.38	.082	5	12	1.38	22	.08	2	1.37	.05	.09	1	3
FX-479265	2	16	4	26	.1	9	9	479	3.41	4	5	ND	6	77	.5	2	2	78	1.39	.074	6	13	1.79	25	.12	2	1.46	.05	.07	1	8
FX-479266	2	37	2	27	.1	10	10	429	3.63	5	5	ND	9	101	.8	2	2	81	2.28	.094	5	12	1.45	22	.15	3	1.31	.05	.07	1	2
FX-479267	1	176	2	39	.3	9	10	515	4.95	9	5	ND	4	117	1.0	2	2	125	4.01	.119	3	10	1.76	10	.09	2	1.28	.03	.04	1	7
FX-479268	2	44	2	24	.1	8	7	409	3.05	3	5	ND	5	112	.4	3	2	72	3.02	.091	3	10	1.39	19	.10	2	1.11	.05	.06	1	1
FX-479269	2	26	2	23	.1	8	6	386	2.66	5	5	ND	5	145	.4	2	2	65	2.92	.077	5	13	1.11	25	.14	3	1.19	.05	.07	1	1
FX-479270	1	27	2	29	.1	9	7	430	3.25	2	5	ND	5	111	.4	2	2	66	2.55	.084	5	10	1.45	24	.13	2	1.27	.05	.07	1	3
FX-479271	1	16	2	21	.1	10	7	329	2.82	2	7	ND	6	134	.4	2	2	65	2.82	.075	6	11	1.20	24	.13	2	1.20	.04	.08	1	6
FX-479272	1	14	4	18	.1	9	6	320	2.63	5	6	ND	6	145	.3	2	2	70	3.54	.082	6	12	1.47	20	.12	2	1.26	.06	.06	1	2
FX-479273	2	28	3	16	.1	7	6	272	3.13	5	5	ND	6	130	.2	2	2	69	2.74	.081	4	11	1.22	26	.14	2	1.18	.06	.07	1	2
FX-479274	15	186	5	55	.4	12	24	496	5.41	6	5	ND	7	200	.7	5	2	62	3.00	.091	10	11	1.43	28	.10	2	1.83	.03	.11	1	8
FX-479275	1	106	2	69	.3	6	18	584	5.55	2	8	ND	8	135	1.2	4	2	50	3.52	.107	5	12	1.69	55	.05	2	2.38	.06	.20	1	1
FX-479276	2	79	3	90	.3	11	17	475	5.03	4	5	ND	8	83	.9	2	4	39	1.72	.068	8	13	1.56	33	.05	2	2.05	.02	.22	1	1
FX-479277	1	33	6	42	.2	11	8	384	3.06	4	5	ND	8	105	.3	2	4	35	1.87	.065	7	12	.99	25	.05	2	1.30	.02	.16	1	28
FX-479278	2	30	2	46	.1	10	9	415	3.05	3	6	ND	8	136	.5	2	2	38	2.16	.059	7	10	1.08	25	.07	2	1.41	.02	.16	1	8
FX-479279	1	8	4	66	.1	9	13	463	3.58	5	6	ND	10	122	.4	2	3	36	2.49	.088	8	13	1.28	31	.05	2	1.56	.02	.19	2	7
FX-479280	1	50	2	128	.2	9	22	533	5.00	8	6	ND	11	125	1.0	3	3	45	2.02	.115	8	14	1.73	102	.10	2	2.79	.11	.47	1	9
FX-479281	2	26	3	50	.3	11	9	422	3.73	3	5	ND	8	123	.5	3	2	48	2.00	.067	7	11	1.02	31	.04	2	1.34	.03	.16	1	38
FX-479282	2	72	2	27	.2	10	8	419	2.96	3	5	ND	7	162	.3	3	2	43	2.17	.052	8	12	.88	33	.06	2	1.05	.03	.18	1	14
FX-479283	1	17	2	25	.2	7	7	438	2.58	2	5	ND	7	177	.6	2	2	46	2.19	.055	9	12	.89	26	.03	2	1.10	.03	.14	1	10
FX-479284	1	30	2	39	.6	11	13	662	6.87	9	7	ND	8	249	2.2	2	2	82	3.33	.110	4	12	2.41	98	.06	2	2.85	.04	.59	1	92
FX-479285	1	46	2	30	2.0	6	12	618	5.45	4	9	ND	8	331	2.1	2	3	53	3.65	.063	12	9	1.67	27	.02	2	2.26	.01	.15	1	730
FX-479286	2	17	2	31	.2	11	8	463	2.92	2	5	ND	9	150	.6	2	4	36	2.26	.053	15	10	.82	24	.01	2	1.10	.02	.18	1	55
FX-479287	1	22	2	38	.2	7	8	479	2.73	4	5	ND	10	232	.6	2	2	36	2.33	.054	15	9	.76	27	.01	2	1.05	.02	.20	1	41
FX-479288	3	46	5	71	.5	12	12	530	3.94	4	6	ND	12	195	1.1	4	2	39	2.61	.053	22	10	.85	50	.01	2	1.40	.01	.27	1	29
FX-479289	6	101	3	110	.5	15	39	530	6.63	7	10	ND	8	160	2.3	5	2	68	2.23	.085	13	13	1.42	51	.03	2	2.16	.01	.41	1	4
FX-479290	6	695	3	136	1.2	19	72	907	9.73	7	10	ND	6	190	2.8	5	2	177	3.63	.228	11	19	2.58	45	.05	2	2.93	.01	.55	19	17
FX-479291	3	30	2	61	.4	10	14	583	3.51	3	7	ND	8	156	.7	3	2	46	2.27	.065	12	11	1.26	31	.02	2	1.52	.03	.19	2	14
FX-479292	8	30	2	87	2.2	14	21	801	7.18	5	7	ND	6	187	1.4	2	2	58	3.07	.062	14	12	1.71	27	.02	2	2.34	.01	.22	1	470
FX-479293	1	2	3	45	4.1	10	9	639	3.11	5	8	ND	5	213	1.0	2	2	29	4.03	.052	10	10	1.00	17	.01	2	1.28	.01	.19	1	110
FX-479294	1	21	2	42	.6	13	12	643	4.18	4	5	ND	8	227	1.1	2	5	41	2.87	.065	11	10	1.18	22	.01	2	1.50	.02	.18	1	73
FX-479295	7	15	4	34	.3	12	9	533	3.11	2	5	ND	8	165	.5	2	3	45	2.13	.066	12	12	.96	35	.01	2	1.22	.03	.15	1	91
FX-479296	4	13	2	25	.3	12	8	485	2.67	4	5	ND	7	183	.9	2	5	37	2.68	.059	10	12	.78	24	.01	2	1.06	.02	.15	1	78
STANDARD C/AU-R	18	56	36	132	7.5	70	32	1037	3.98	37	19	6	40	52	18.4	16	21	56	.48	.092	38	58	.86	175	.09	35	1.91	.06	.15	12	490

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 ACID LEACH/AA FROM 20 GM SAMPLE.

DATE RECEIVED: JUL 3 1991 DATE REPORT MAILED: July 9/91. SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

ACME ANALYTICAL

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-479297	2	20	2	35	.2	11	9	530	2.99	5	5	ND	6	163	.4	2	2	44	2.37	.061	9	11	.97	23	.01	2	1.16	.03	.13	1	100
FX-479298	2	26	2	33	.2	13	9	510	2.90	2	5	ND	7	132	.2	2	2	51	1.87	.064	8	12	.96	26	.04	2	1.11	.03	.11	1	8
FX-479299	2	39	2	35	.4	11	12	519	3.23	2	5	ND	6	132	.6	2	2	49	1.80	.061	9	12	1.06	27	.02	2	1.21	.03	.12	1	25
FX-479300	3	25	2	43	.8	14	12	606	3.48	2	5	ND	7	202	.7	2	3	46	2.03	.064	12	12	1.11	27	.01	2	1.48	.02	.19	1	960
FX-479301	2	34	2	41	.4	10	12	673	3.44	3	5	ND	7	279	.8	2	3	46	3.41	.064	13	11	1.09	75	.01	2	1.42	.02	.17	1	60
FX-479302	6	52	3	43	6.5	10	13	658	3.79	3	5	ND	7	255	1.0	2	2	45	2.96	.062	12	11	1.15	21	.02	2	1.46	.02	.20	1	1460
FX-479303	1	17	4	38	.3	10	11	644	3.47	2	5	ND	6	218	.6	2	4	54	2.80	.068	12	13	1.16	32	.02	2	1.40	.03	.16	1	270
FX-479304	7	26	2	37	.5	13	11	635	3.76	3	5	ND	5	242	.6	2	2	48	2.72	.064	11	12	1.11	23	.01	2	1.37	.02	.16	1	97
FX-479305	3	41	3	31	.8	14	9	646	3.16	3	5	ND	4	263	.4	2	3	44	3.33	.060	9	14	.87	24	.01	2	1.11	.02	.14	1	380
FX-479306	6	26	2	31	.3	12	10	519	3.18	2	5	ND	6	115	.2	2	2	59	1.80	.064	9	14	.97	32	.06	3	1.10	.05	.13	1	18
FX-479307	2	17	3	30	.7	12	9	537	3.25	2	5	ND	5	135	.6	2	2	68	1.77	.070	6	14	1.09	74	.11	2	1.12	.06	.15	1	40
FX-479308	4	24	3	32	.4	14	10	607	3.62	3	5	ND	6	155	.4	2	2	70	2.36	.074	8	16	1.18	33	.07	2	1.27	.05	.14	1	66
FX-479309	1	24	2	33	.3	11	10	603	3.31	2	5	ND	5	215	.4	2	2	55	3.02	.075	9	13	1.11	38	.02	2	1.33	.03	.15	1	30
FX-479310	2	23	2	37	.3	13	11	623	3.55	2	5	ND	5	228	.6	2	2	58	2.83	.078	11	14	1.15	32	.01	2	1.43	.03	.17	1	19
FX-479311	1	21	3	31	4.4	11	10	639	3.42	2	5	ND	5	315	.3	2	3	51	3.82	.073	11	12	1.11	47	.01	2	1.33	.03	.16	1	400
FX-479312	2	20	3	34	.3	12	10	628	3.21	2	5	ND	5	298	.2	2	2	48	3.49	.076	12	11	1.10	24	.01	2	1.37	.02	.20	1	25
FX-479313	2	48	5	34	.6	10	10	542	3.18	2	5	ND	5	249	.4	2	2	41	2.42	.069	11	10	1.00	58	.01	2	1.30	.02	.19	1	52
FX-479314	2	18	3	33	.4	11	9	533	3.42	3	5	ND	5	230	.2	2	2	47	1.91	.073	11	11	1.11	59	.01	2	1.46	.02	.20	1	80
FX-479315	2	42	3	40	1.6	13	10	728	3.85	4	5	ND	3	453	.2	2	2	48	4.37	.064	5	15	1.10	112	.01	2	1.52	.02	.17	1	330
FX-479316	2	19	4	31	.7	11	8	626	2.87	2	5	ND	5	369	.5	2	2	40	3.87	.065	10	11	.95	231	.01	2	1.27	.02	.20	1	350
FX-479317	8	34	2	32	.5	11	10	536	2.88	2	5	ND	7	233	.5	2	2	38	2.48	.072	10	11	.99	86	.01	2	1.26	.02	.21	1	210
FX-479318	2	33	2	32	.9	11	9	567	2.80	2	5	ND	8	227	.2	2	2	37	2.53	.064	12	11	.91	72	.01	2	1.16	.02	.18	1	61
FX-479319	2	21	6	29	1.6	12	8	557	2.37	3	5	ND	6	278	.3	2	2	30	3.20	.060	10	11	.76	101	.01	2	.92	.02	.16	1	580
FX-479320	2	41	4	32	1.1	12	10	591	2.93	4	5	ND	6	254	.4	2	2	39	3.61	.067	11	11	.92	19	.01	2	1.21	.02	.20	1	130
FX-479321	2	23	6	27	4.3	10	7	563	2.35	3	5	ND	5	355	.2	3	2	30	4.74	.051	7	9	.80	90	.01	2	.97	.02	.14	1	990
FX-479322	2	16	2	36	.4	12	10	589	3.05	3	5	ND	6	154	.2	2	2	41	2.42	.069	11	11	1.05	69	.01	2	1.23	.02	.16	1	85
FX-479323	1	30	3	39	3.0	13	12	689	3.20	4	5	ND	7	218	.2	2	2	40	2.93	.064	10	11	.99	46	.01	2	1.26	.01	.19	1	680
FX-479324	4	19	3	23	8.4	12	6	500	1.88	2	5	ND	16	324	.3	2	2	24	3.96	.045	11	10	.60	132	.01	3	.78	.02	.16	1	2050
FX-479325	1	25	4	32	.6	11	9	563	2.82	2	5	ND	9	215	.6	2	5	39	2.09	.066	13	10	.93	89	.01	2	1.26	.02	.22	1	540
FX-479326	92	114	3	29	5.5	15	12	508	3.57	3	5	ND	7	300	.3	3	2	33	2.99	.053	5	10	.80	38	.01	2	.98	.02	.17	1	990
FX-479327	2	48	4	32	3.0	10	7	679	2.53	2	5	ND	5	455	.6	3	2	30	4.84	.051	5	10	.79	154	.01	2	1.02	.02	.18	1	1080
FX-479328	2	13	4	36	.6	11	8	736	2.64	2	5	ND	6	299	.4	2	2	35	3.95	.058	10	9	1.02	145	.01	2	1.24	.02	.19	1	380
FX-479329	1	10	5	43	.6	10	9	776	3.05	3	6	ND	6	364	.8	4	2	44	3.72	.066	12	10	1.18	115	.01	2	1.39	.02	.20	1	410
FX-479330	3	18	6	36	.8	14	9	604	3.09	2	5	ND	6	279	.7	3	2	48	2.74	.062	10	12	1.01	40	.01	2	1.25	.04	.21	1	270
FX-479331	1	34	3	37	.6	9	9	654	3.16	3	5	ND	6	294	.7	5	2	47	2.82	.067	9	11	1.00	197	.01	2	1.21	.04	.20	1	230
FX-479332	2	28	3	37	.3	13	9	595	3.11	2	5	ND	7	255	.9	3	2	47	2.01	.068	11	11	1.02	125	.02	2	1.32	.05	.28	1	37
STANDARD C/AU-R	18	58	40	133	6.9	75	33	1060	3.99	38	18	6	39	52	18.6	15	19	56	.49	.090	38	58	.94	177	.09	33	1.98	.06	.14	11	520

ACME ANALYTICAL

ACME ANALYTICAL

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-479333	2	19	10	43	.4	9	9	655	2.70	2	5	ND	6	362	.2	2	2	39	3.18	.052	10	11	.85	75	.01	2	1.14	.03	.17	1	200
FX-479334	1	31	7	29	.6	5	8	629	2.40	11	5	ND	5	358	.5	2	2	36	3.76	.040	6	8	.72	26	.01	2	.91	.03	.12	1	270
FX-479335	2	57	3	37	.4	7	11	675	3.11	4	5	ND	7	278	.3	2	2	50	2.52	.065	10	10	.95	36	.02	2	1.22	.04	.24	1	180
FX-479336	2	40	4	44	.4	8	12	809	3.36	3	5	ND	7	480	.3	2	2	41	3.57	.060	11	8	1.01	34	.01	2	1.37	.02	.21	1	460
FX-479337	5	45	4	39	.9	9	12	742	3.20	2	5	ND	7	406	.5	2	2	41	3.62	.062	10	11	.89	25	.01	2	1.24	.03	.19	1	160
FX-479338	2	24	3	43	1.9	9	10	727	3.18	7	5	ND	6	328	.4	3	2	44	3.50	.061	11	10	.98	22	.01	2	1.24	.03	.16	1	340
FX-479339	1	28	2	29	1.5	5	9	781	2.93	3	5	2	9	578	.6	2	2	37	5.23	.042	8	6	.63	78	.01	2	1.04	.02	.16	1	2650
FX-479340	3	39	2	42	.5	9	15	646	3.45	2	5	ND	6	308	.3	2	2	54	1.86	.067	10	11	1.06	76	.05	2	1.82	.06	.38	1	64
FX-479341	1	34	2	54	.4	9	19	811	4.27	5	5	ND	6	377	.7	4	2	53	2.67	.062	8	12	1.44	190	.03	2	1.96	.04	.34	1	76
FX-479342	2	24	2	45	.3	7	15	692	3.61	2	5	ND	7	327	.2	2	2	56	2.28	.066	10	8	1.09	106	.06	2	1.97	.09	.41	1	110
FX-479343	2	90	2	75	1.7	9	33	935	5.34	5	5	ND	6	456	.6	2	2	49	3.78	.055	8	10	1.43	113	.01	2	2.13	.04	.27	1	790
FX-479344	1	39	4	46	.5	9	15	744	3.49	6	5	ND	6	422	.6	2	2	39	3.32	.052	9	8	1.00	261	.01	2	1.25	.02	.22	1	70
FX-479345	1	18	2	48	.3	7	13	789	3.63	2	5	ND	7	494	.4	2	2	51	3.31	.064	10	8	1.07	66	.03	2	1.28	.03	.39	1	110
FX-479346	1	16	2	31	.6	8	8	742	2.78	2	5	ND	5	740	.2	2	2	35	5.61	.051	6	9	.61	26	.01	2	.30	.02	.17	1	110
FX-479347	1	33	2	26	1.9	8	7	793	2.34	3	7	ND	4	950	.3	2	3	27	7.11	.043	4	5	.79	24	.01	2	.21	.02	.13	1	590
FX-479348	1	30	2	35	1.2	6	9	699	2.62	2	5	ND	5	592	.3	2	2	29	4.37	.045	5	5	.60	29	.01	2	.27	.01	.18	1	180
FX-479349	2	19	6	31	.6	11	5	365	1.60	2	25	ND	12	228	.2	2	2	15	1.18	.028	11	8	.33	15	.01	2	.21	.03	.14	4	210
FX-479350	1	2	10	31	.4	5	1	298	.74	2	5	ND	12	179	.4	2	2	9	1.02	.007	14	5	.23	19	.01	2	.14	.04	.09	2	200
FX-479351	1	4	16	31	.3	5	1	256	.62	2	5	ND	13	99	.4	2	2	5	.98	.007	14	3	.14	12	.01	4	.13	.04	.06	1	210
FX-479352	3	6	8	27	.2	8	1	242	.55	9	5	ND	17	124	.2	2	2	8	1.21	.005	15	8	.11	13	.01	2	.11	.05	.12	1	160
FX-479353	1	1	5	30	.9	4	1	209	.69	2	6	ND	15	68	.2	2	2	6	.62	.005	14	3	.07	12	.01	2	.12	.05	.10	1	260
FX-479354	1	2	2	21	.5	1	1	168	.52	2	5	ND	14	65	.2	2	2	4	.64	.003	10	3	.04	11	.01	2	.11	.04	.07	1	330
FX-479355	3	3	6	32	.4	11	1	212	.61	2	5	ND	26	57	.2	2	2	5	.59	.007	18	9	.05	13	.01	3	.12	.05	.07	1	110
FX-479356	1	1	10	28	.8	6	1	287	.63	2	5	ND	14	120	.2	2	2	8	1.38	.006	12	4	.08	11	.01	2	.11	.04	.07	1	420
FX-479357	1	2	7	28	.4	3	1	296	.69	2	5	ND	15	123	.2	2	2	7	1.52	.005	13	3	.07	12	.01	2	.12	.04	.07	1	81
FX-479358	2	2	6	28	.2	9	1	266	.72	2	5	ND	18	81	.2	2	2	7	.80	.006	16	9	.09	14	.01	7	.13	.05	.08	1	58
FX-479359	1	1	11	41	.1	4	1	406	1.04	2	5	ND	15	123	.2	2	2	14	.88	.007	14	3	.20	13	.01	2	.13	.03	.08	1	69
FX-479360	1	1	8	23	.3	3	1	262	.61	2	6	ND	14	100	.2	2	2	11	.77	.005	13	3	.13	11	.01	2	.09	.03	.07	1	220
FX-479361	3	3	4	29	.4	9	1	355	.76	2	5	ND	13	103	.2	2	2	6	1.26	.006	14	8	.07	13	.01	2	.10	.04	.06	1	200
FX-479362	1	1	7	24	.1	3	1	304	.66	2	5	ND	12	84	.2	2	2	7	.99	.007	13	4	.08	13	.01	2	.11	.04	.07	1	160
FX-479363	1	6	9	32	.4	3	1	536	.83	2	5	ND	10	120	.2	2	2	7	2.04	.007	13	3	.08	10	.01	2	.14	.02	.07	1	220
FX-479364	2	1	11	24	.4	4	1	237	.55	2	5	ND	10	67	.2	2	2	6	.84	.006	10	5	.05	10	.01	2	.10	.04	.06	1	180
FX-479365	1	1	8	20	.3	3	1	201	.52	2	5	ND	9	67	.2	2	2	7	.84	.005	9	3	.05	9	.01	2	.09	.04	.06	1	140
FX-479366	1	4	16	29	.3	4	1	244	.63	2	10	ND	12	70	.2	2	2	10	.84	.007	12	3	.06	11	.01	2	.11	.04	.08	1	100
FX-479367	1	5	8	18	.1	6	1	234	.47	2	5	ND	7	91	.2	2	2	6	.99	.004	6	7	.03	7	.01	2	.08	.02	.04	1	110
FX-479368	1	1	4	15	.1	3	1	218	.48	2	5	ND	5	91	.2	2	2	6	.89	.003	5	4	.04	8	.01	3	.08	.02	.03	1	29
STANDARD C/AU-R	18	57	37	131	7.4	70	31	1045	4.02	39	17	6	39	52	18.7	15	22	57	.49	.090	38	57	.87	179	.09	33	1.96	.06	.15	11	470

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
FX-479369	1	9	15	32	.1	10	1	333	.68	2	5	ND	10	78	.2	2	3	9	.90	.013	12	5	.07	12	.01	3	.11	.04	.05	1	68
FX-479370	2	6	11	35	.1	9	1	351	.81	2	5	ND	13	81	.2	2	2	10	.94	.007	13	7	.09	13	.01	4	.12	.04	.05	2	95
FX-479371	1	2	13	28	.2	7	1	347	.64	2	5	ND	14	74	.2	2	2	8	1.01	.008	15	3	.07	12	.01	2	.11	.03	.05	1	67
FX-479372	1	3	15	34	.2	8	1	369	.78	2	7	ND	12	75	.2	2	2	10	.99	.008	15	5	.09	12	.01	2	.12	.04	.07	1	59
FX-479373	2	5	19	31	.3	11	1	319	.74	3	5	ND	12	79	.2	2	2	10	.84	.009	14	8	.10	12	.01	4	.13	.03	.06	1	100
FX-479374	1	4	13	44	.2	9	1	500	.92	2	5	ND	12	108	.2	2	2	12	1.60	.006	15	5	.12	12	.01	6	.13	.04	.05	2	120
FX-479375	1	7	21	56	.1	9	2	439	1.26	2	5	ND	13	92	.3	2	2	19	1.05	.009	15	7	.18	11	.01	3	.14	.04	.05	1	120
FX-479376	2	11	16	35	.2	11	1	357	.80	2	5	ND	10	93	.2	2	2	13	.96	.008	13	8	.11	12	.01	3	.12	.03	.05	1	270
FX-479377	1	9	14	54	.4	10	1	312	.71	3	5	ND	15	84	.2	2	2	9	.80	.010	18	7	.08	14	.01	2	.12	.04	.06	1	900
FX-479378	1	3	11	39	.2	10	1	385	.91	2	5	ND	14	113	.2	2	2	13	1.05	.010	19	5	.12	15	.01	3	.13	.04	.06	1	75
FX-479379	2	7	11	43	.2	13	2	474	1.12	3	5	ND	14	122	.5	2	2	19	1.20	.010	18	10	.15	13	.01	3	.12	.04	.06	2	47
FX-479380	1	4	13	39	.2	8	1	455	.92	2	5	ND	15	106	.2	2	2	13	1.29	.012	18	5	.12	14	.01	3	.13	.04	.06	1	92
FX-479381	1	4	26	39	.4	4	1	420	.94	4	18	ND	15	104	.3	2	3	13	1.12	.007	18	4	.12	14	.01	2	.13	.04	.07	1	130
FX-479382	2	6	27	32	.3	9	1	379	.88	3	6	ND	11	100	.2	2	2	12	1.10	.012	12	7	.11	11	.01	3	.14	.03	.05	1	200
FX-479383	1	4	15	23	.2	6	1	266	.60	2	6	ND	13	90	.2	2	2	7	.88	.002	10	5	.06	10	.01	2	.10	.03	.06	1	68
FX-479384	1	4	15	35	.2	6	1	349	.93	3	5	ND	19	85	.2	2	2	13	.93	.012	17	5	.11	12	.01	3	.12	.04	.06	1	79
FX-479385	3	5	12	30	.2	13	1	292	.84	2	5	ND	14	75	.2	2	2	12	.77	.007	14	10	.10	13	.01	3	.12	.04	.07	2	100
FX-479386	1	8	12	31	.1	7	1	337	.86	2	5	ND	16	81	.2	2	4	12	.96	.011	16	5	.09	14	.01	2	.13	.05	.06	1	53
FX-479387	2	3	16	29	.1	7	1	269	.81	2	5	ND	14	82	.2	2	2	12	.79	.011	15	7	.10	13	.01	3	.12	.04	.06	1	39
FX-479388	2	3	13	30	.1	8	1	295	.90	2	5	ND	17	76	.2	2	2	13	.82	.009	16	8	.10	12	.01	3	.12	.04	.06	1	54
FX-479389	1	5	12	28	.2	7	1	303	.75	2	5	ND	17	84	.2	2	3	10	.91	.010	15	6	.09	12	.01	2	.12	.04	.06	1	69
FX-479390	2	4	14	37	.3	5	2	416	.91	2	5	ND	17	90	.6	2	2	13	.99	.009	16	4	.12	14	.01	2	.15	.04	.07	1	100
FX-479391	3	5	13	39	.1	10	1	340	.98	2	5	ND	13	84	.2	2	2	13	.87	.008	15	9	.12	13	.01	2	.13	.04	.06	1	65
FX-479392	1	4	13	32	.2	4	1	354	.84	2	5	ND	14	94	.2	2	2	12	1.02	.011	17	5	.11	13	.01	2	.13	.05	.07	1	61
FX-479393	1	4	16	38	.1	3	1	389	.96	3	5	ND	20	84	.3	2	2	16	.97	.008	20	4	.11	12	.01	3	.12	.05	.07	1	22
FX-479394	3	5	15	35	.1	9	1	363	.83	2	5	ND	28	86	.3	2	3	12	.93	.009	18	10	.10	15	.01	4	.13	.05	.08	1	30
FX-479395	1	1	12	40	.1	6	1	482	.93	2	5	ND	13	162	.4	2	2	18	1.48	.008	17	5	.16	14	.01	3	.13	.04	.07	1	31
FX-479396	1	4	15	37	.1	7	1	433	.90	2	5	ND	8	141	.4	2	2	15	1.24	.007	18	6	.13	12	.01	2	.13	.04	.06	1	39
FX-479397	3	7	16	25	.1	11	1	303	.80	2	5	ND	19	89	.2	2	2	13	.76	.005	13	9	.11	13	.01	2	.12	.04	.06	1	43
FX-479398	1	5	15	32	.1	5	1	316	.85	2	5	ND	10	112	.2	2	3	14	.78	.008	12	5	.12	16	.01	2	.14	.04	.08	1	46
FX-479399	1	4	12	35	.2	6	1	396	.82	2	5	ND	14	108	.4	2	3	13	1.10	.010	15	4	.11	14	.01	2	.12	.05	.07	1	58
FX-479400	2	2	7	34	.2	11	1	388	.78	2	5	ND	16	106	.3	2	2	10	1.17	.013	17	10	.08	12	.01	2	.12	.05	.08	1	54
FX-479401	1	2	8	20	.2	2	1	240	.58	2	5	ND	12	82	.2	2	2	9	.74	.008	14	7	.06	20	.01	2	.11	.03	.06	1	200
FX-479402	1	2	8	34	.4	6	1	380	.96	2	5	ND	14	82	.3	2	3	10	1.00	.009	12	3	.10	15	.01	2	.13	.03	.08	1	110
FX-479403	2	2	9	33	.2	7	1	304	.76	2	5	ND	11	79	.2	2	2	11	.68	.004	12	7	.11	11	.01	2	.12	.03	.06	1	99
FX-479404	1	3	12	22	.1	4	1	227	.55	2	5	ND	10	80	.2	2	2	11	.67	.008	9	4	.09	10	.01	2	.12	.03	.06	1	140
STANDARD C/AU-R	18	57	40	132	7.4	76	33	1057	3.98	40	18	6	39	52	18.9	16	21	55	.49	.093	38	60	.92	178	.09	31	1.96	.06	.15	11	540

ACME ANALYTICAL

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-479405	1	3	17	28	.5	5	1	312	.85	3	5	ND	14	95	.2	2	2	13	.91	.008	10	5	.08	12	.01	3	.18	.04	.04	1	92
FX-479406	3	3	25	36	.3	10	1	338	.95	10	5	ND	13	113	.2	2	2	19	.89	.009	14	10	.10	16	.01	3	.13	.05	.05	1	57
FX-479407	2	3	7	23	.6	7	1	227	.81	14	5	ND	18	67	.2	2	2	8	.58	.008	14	6	.06	15	.01	3	.12	.05	.05	1	130
FX-479408	2	2	15	33	.4	9	1	233	.89	2	5	ND	14	72	.2	2	2	11	.54	.008	12	7	.08	16	.01	3	.13	.05	.07	1	130
FX-479409	1	3	10	27	.2	3	1	314	.72	2	5	ND	18	84	.2	2	2	9	.80	.009	15	5	.05	14	.01	4	.13	.05	.06	1	38
FX-479410	3	5	22	39	.3	11	1	342	1.07	5	5	ND	13	85	.2	2	2	14	.72	.009	12	11	.08	14	.01	3	.14	.05	.06	1	110
FX-479411	2	4	8	37	.5	4	1	276	.94	3	5	ND	15	57	.2	4	2	11	.47	.009	14	5	.07	12	.01	2	.12	.04	.05	1	110
FX-479412	2	1	16	31	.4	6	1	245	.92	2	5	ND	13	83	.2	2	2	14	.56	.009	13	5	.08	15	.01	3	.13	.05	.06	1	120
FX-479413	1	2	9	29	.3	2	1	233	.87	2	5	ND	15	71	.2	2	2	10	.57	.009	13	4	.06	13	.01	4	.12	.05	.06	1	42
FX-479414	3	5	14	35	.4	9	1	273	.97	4	5	ND	19	87	.2	2	2	12	.68	.009	17	9	.07	15	.01	3	.12	.05	.06	1	41
FX-479415	2	3	11	33	.4	5	1	215	.87	3	5	ND	19	48	.2	2	2	10	.33	.008	17	4	.05	14	.01	3	.11	.04	.05	1	88
FX-479416	2	4	16	28	.8	5	1	217	.93	2	5	ND	16	65	.2	3	2	11	.43	.010	16	4	.06	15	.01	2	.13	.05	.06	1	88
FX-479417	1	1	17	30	.6	3	1	316	.97	2	5	ND	14	118	.2	3	2	16	.65	.009	12	4	.12	17	.01	3	.13	.04	.06	1	56
FX-479418	3	3	5	24	.3	7	1	356	.81	2	5	ND	14	105	.2	2	2	9	1.02	.010	15	7	.07	83	.01	2	.12	.05	.05	1	61
FX-479419	1	3	11	26	1.4	5	1	300	.80	2	11	2	19	113	.2	3	2	11	.84	.010	14	4	.09	16	.01	3	.12	.05	.07	1	130
FX-479420	2	4	12	42	.4	5	1	429	1.25	2	5	ND	15	130	.2	2	2	15	1.00	.010	14	4	.13	14	.01	2	.14	.04	.07	1	37
FX-479421	1	2	7	27	.6	2	1	353	.81	2	5	ND	14	93	.2	2	2	9	.99	.011	14	3	.06	13	.01	2	.11	.04	.06	1	48
FX-479422	3	9	13	42	.6	9	1	414	1.49	2	5	ND	12	95	.2	4	2	16	.92	.010	13	12	.10	15	.01	2	.15	.04	.06	1	93
FX-479423	1	2	15	32	.2	4	1	367	.85	2	5	ND	12	104	.2	2	2	13	1.01	.010	11	4	.08	15	.01	2	.12	.04	.06	1	74
FX-479424	2	4	8	33	.2	5	1	335	.90	2	5	ND	15	109	.2	2	2	11	1.03	.009	12	5	.07	14	.01	2	.12	.05	.05	1	80
FX-479425	1	3	8	23	.2	2	1	327	.65	2	5	ND	17	83	.2	2	2	6	.89	.011	14	3	.04	15	.01	3	.13	.05	.07	1	29
FX-479426	3	4	24	35	.6	8	2	603	.97	2	5	ND	18	162	.2	2	2	11	1.99	.010	13	8	.08	14	.01	2	.13	.04	.05	1	130
FX-479427	1	6	8	24	.2	5	1	527	.92	2	5	ND	17	116	.2	2	2	9	1.36	.011	15	4	.07	15	.01	2	.13	.05	.06	1	17
FX-479428	2	4	9	29	.4	6	1	422	.94	2	5	ND	19	147	.2	2	2	16	1.13	.011	17	4	.09	18	.01	3	.14	.06	.07	1	39
FX-479429	1	4	7	37	.3	2	1	392	.91	2	5	ND	16	130	.2	2	2	14	1.15	.010	14	3	.08	15	.01	4	.11	.05	.06	1	49
FX-479430	3	6	13	34	.6	9	1	393	.87	3	5	ND	18	147	.2	2	2	12	1.26	.011	14	9	.08	16	.01	5	.13	.06	.07	1	27
FX-479431	1	2	14	35	.3	4	1	279	.83	2	5	ND	13	79	.2	2	2	9	.66	.011	14	2	.07	13	.01	2	.13	.04	.06	1	49
FX-479432	1	1	27	38	.3	3	1	385	1.02	2	5	ND	11	102	.2	2	2	11	.89	.010	13	2	.10	13	.01	2	.18	.03	.10	1	20
FX-479433	1	3	15	28	.3	2	1	336	.63	2	5	ND	9	116	.2	2	2	11	.89	.011	13	2	.09	13	.01	2	.12	.04	.05	1	29
FX-479434	2	2	13	30	.2	7	1	314	.73	2	5	ND	10	98	.2	2	2	11	.81	.011	12	7	.07	14	.01	2	.12	.05	.05	1	62
FX-479435	1	2	14	35	.4	4	1	354	.77	2	5	ND	10	88	.2	2	2	11	.83	.012	13	4	.07	15	.01	5	.13	.05	.06	1	68
FX-479436	3	5	8	30	.5	6	1	440	.82	2	5	ND	12	161	.3	2	2	12	1.36	.012	15	6	.07	17	.01	3	.15	.06	.07	1	87
FX-479437	1	5	8	31	.4	2	1	343	.74	2	5	ND	9	91	.2	2	2	9	.83	.013	15	2	.06	14	.01	3	.12	.05	.06	1	19
FX-479438	3	5	8	32	.3	8	1	453	.94	2	5	ND	12	134	.2	2	2	14	1.32	.011	13	8	.06	15	.01	2	.13	.06	.07	1	34
FX-479439	1	3	22	45	.1	4	1	453	1.07	2	5	ND	15	146	.2	2	2	26	1.17	.011	13	3	.12	16	.01	2	.13	.05	.06	1	23
FX-479440	2	2	9	35	.4	5	1	379	.91	2	5	ND	12	110	.2	2	2	11	1.10	.011	14	5	.07	15	.01	4	.14	.06	.07	1	97
STANDARD C/AU-R	19	62	38	131	6.9	72	33	1069	3.99	38	16	6	39	53	17.2	18	17	61	.49	.090	37	58	.90	179	.09	32	1.90	.06	.15	13	540

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-479441	1	3	17	33	.2	5	1	384	.81	2	5	ND	13	111	.2	2	2	14	1.21	.011	12	7	.08	17	.01	3	.15	.07	.06	1	19
FX-479442	2	4	10	33	.3	6	1	396	1.04	2	5	ND	10	74	.2	6	2	14	.92	.010	13	6	.07	17	.01	2	.15	.06	.06	1	6
FX-479443	2	3	11	41	.1	5	1	556	1.08	2	5	ND	11	115	.3	2	2	15	1.56	.011	13	4	.09	14	.01	2	.12	.05	.04	1	6
FX-479444	2	3	24	43	.1	6	1	390	.96	2	5	ND	12	106	.2	2	2	19	1.08	.011	12	5	.09	18	.01	2	.14	.06	.04	1	5
FX-479445	2	1	11	33	.5	6	1	346	.88	2	5	ND	10	78	.2	2	2	10	.96	.011	12	7	.06	19	.01	2	.15	.06	.06	1	80
FX-479446	2	2	27	30	.3	7	1	308	.81	3	5	ND	9	103	.2	4	2	17	.80	.010	12	7	.08	29	.01	3	.15	.05	.06	1	74
FX-479447	3	4	9	23	2.3	7	1	263	.81	2	5	ND	7	80	.2	4	2	10	.66	.009	10	8	.07	15	.01	2	.15	.05	.04	1	78
FX-479448	2	5	7	24	.6	6	1	217	1.01	3	5	ND	5	58	.2	2	2	13	.32	.008	7	8	.09	14	.01	2	.17	.04	.04	1	86
FX-479449	2	7	11	21	.2	7	1	186	.92	3	8	ND	5	65	.2	3	2	12	.33	.006	6	6	.09	14	.01	2	.17	.03	.04	1	200
FX-479450	3	4	8	28	.1	9	1	259	.78	2	5	ND	7	73	.2	2	2	9	.58	.011	12	8	.07	19	.01	2	.17	.06	.08	1	64
FX-479451	2	4	14	31	.1	7	1	343	.90	3	5	ND	10	110	.2	2	2	15	.91	.011	11	6	.11	16	.01	2	.16	.05	.05	1	72
FX-479452	2	2	11	23	.1	6	1	294	.74	3	5	ND	9	90	.2	2	2	11	.74	.012	11	7	.08	20	.01	2	.17	.06	.07	1	33
FX-479453	2	3	15	32	.1	6	1	406	.98	4	5	ND	10	133	.2	2	2	22	.93	.012	10	5	.14	35	.01	2	.13	.04	.05	1	45
FX-479454	2	3	10	19	.1	5	1	399	.87	3	5	ND	8	129	.2	2	2	15	1.08	.011	10	5	.12	17	.01	2	.13	.04	.06	1	4
FX-479455	2	6	8	23	.2	7	1	348	.88	2	5	ND	11	100	.3	2	2	14	.91	.011	11	7	.09	20	.01	2	.18	.06	.09	1	7
FX-479456	4	2	7	18	.1	5	1	337	.80	3	5	ND	9	91	.2	2	2	12	.88	.012	11	7	.08	17	.01	2	.14	.05	.07	1	7
FX-479457	2	5	12	30	.2	7	1	387	.95	3	5	ND	10	118	.2	2	2	16	.93	.012	13	6	.12	17	.01	2	.13	.05	.05	1	8
FX-479458	2	2	10	28	.2	7	1	420	.95	2	5	ND	11	112	.3	3	2	14	1.05	.012	14	6	.10	16	.01	2	.13	.05	.06	1	2
FX-479459	2	2	11	26	.1	6	1	398	.91	4	5	ND	12	111	.2	2	2	16	1.11	.012	13	7	.10	18	.01	2	.14	.05	.06	1	6
FX-479460	1	3	15	27	.1	5	1	480	.89	3	5	ND	11	152	.2	2	2	18	1.57	.012	12	7	.10	18	.01	2	.12	.05	.06	1	3
FX-479461	3	7	11	43	.1	8	2	810	1.99	3	5	ND	10	110	.3	3	2	19	1.06	.015	12	8	.15	18	.01	2	.17	.05	.06	1	4
FX-479462	2	4	11	32	.2	7	1	384	1.00	2	5	ND	10	84	.2	3	2	13	.91	.013	14	11	.09	19	.01	2	.15	.06	.07	1	1
FX-479463	2	3	10	39	.1	6	1	418	1.04	3	11	ND	9	82	.2	2	2	8	.95	.012	12	5	.09	18	.01	2	.17	.04	.11	1	1
FX-479464	1	3	7	28	.1	5	1	405	.79	2	5	ND	9	97	.3	2	2	11	1.10	.012	12	7	.07	16	.01	2	.13	.05	.06	1	1
FX-479465	2	5	5	28	.1	6	1	512	.97	2	5	ND	8	152	.2	2	2	12	1.47	.011	10	6	.10	17	.01	2	.14	.05	.06	1	1
FX-479466	1	5	6	61	.2	4	2	570	2.19	2	13	ND	8	117	.3	3	2	6	.68	.065	28	5	.18	51	.01	2	.55	.02	.30	1	1
FX-479467	2	4	12	25	.1	5	1	417	.84	2	5	ND	8	143	.2	2	2	15	1.21	.012	11	6	.10	18	.01	2	.13	.04	.06	1	1
FX-479468	2	4	9	33	.1	7	1	463	1.11	5	5	ND	9	148	.2	2	2	17	1.27	.012	8	8	.13	19	.01	2	.16	.05	.07	1	18
FX-479469	2	6	8	20	.1	8	1	289	.76	4	5	ND	7	117	.2	2	2	13	.79	.010	8	8	.11	17	.01	2	.13	.05	.06	1	15
FX-479470	2	6	7	30	.1	8	3	664	1.67	2	6	ND	7	164	.3	2	2	22	1.64	.013	6	7	.13	26	.01	2	.19	.03	.07	1	9
FX-479471	2	4	9	25	.1	6	1	347	.76	3	5	ND	4	152	.2	2	2	16	1.07	.012	8	6	.13	19	.01	2	.13	.05	.06	1	16
FX-479472	2	3	5	41	.5	5	2	498	1.76	3	5	ND	6	99	.2	2	2	19	.96	.016	8	6	.10	21	.01	2	.14	.04	.05	1	32
FX-479473	2	6	6	22	.2	6	1	321	.93	2	5	ND	6	128	.2	2	2	14	1.00	.013	8	6	.11	23	.01	2	.14	.04	.07	1	76
FX-479474	2	4	10	24	.5	6	1	496	1.25	2	5	ND	8	308	.2	4	2	29	1.85	.023	11	6	.33	25	.01	2	.15	.05	.07	1	37
FX-479475	2	5	8	24	.2	5	1	477	.83	3	8	ND	6	263	.2	2	2	20	1.66	.013	8	5	.29	71	.01	2	.14	.05	.07	1	15
FX-479476	24	265	2	35	.9	8	13	729	3.51	12	5	ND	5	329	.5	2	2	51	2.27	.108	4	11	.63	23	.01	2	.49	.04	.11	1	8
STANDARD C/AU-R	18	64	37	133	7.1	70	33	1055	3.97	36	18	7	39	53	17.2	18	18	58	.48	.089	37	58	.88	177	.09	34	1.89	.06	.15	12	470

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ACME ANALYTICAL

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-479477	29	235	5	31	.8	11	13	592	3.39	11	5	ND	6	169	.6	2	2	52	1.36	.069	7	12	.69	28	.01	2	.72	.04	.13	1	32
FX-479478	23	70	7	34	.4	9	8	815	2.99	11	5	ND	8	305	.6	2	2	50	2.67	.063	9	10	.96	25	.01	2	.85	.03	.13	3	22
FX-479479	44	117	4	33	.8	11	10	811	2.98	17	5	ND	6	323	.5	2	2	52	3.02	.073	8	12	.97	24	.01	2	.93	.03	.12	1	26
FX-479480	14	92	5	50	.5	10	13	1046	3.41	11	5	ND	6	218	.9	2	3	54	2.59	.070	11	13	1.14	58	.01	2	1.37	.03	.12	1	12

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Inco Expl. & Tech. Services PROJECT 60513-82010 File # 91-2285 Page 1

2690 - 666 Burrard St., Vancouver BC V6C 2X8 Submitted by: DENNIS BOHME

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 479481	1	8	2	18	.1	7	5	280	2.27	3	5	ND	5	112	.3	2	2	62	2.28	.071	6	16	1.01	23	.11	3	1.10	.06	.06	1	5
FX 479482	1	5	2	28	.1	9	7	429	3.30	4	5	ND	5	115	.2	2	2	68	2.62	.071	7	28	1.28	20	.13	3	1.41	.05	.08	1	1
FX 479483	1	41	2	38	.3	6	8	410	3.10	4	5	ND	5	101	.3	2	2	58	2.21	.065	6	15	1.22	17	.08	5	1.35	.04	.07	1	28
FX 479484	1	10	2	31	.2	8	8	541	3.08	2	5	ND	4	121	.2	2	2	56	3.36	.062	7	16	1.20	15	.10	3	1.30	.03	.08	1	3
FX 479485	1	9	2	26	.1	7	5	339	2.29	3	5	ND	5	94	.2	2	2	55	2.16	.067	6	14	1.02	19	.11	4	1.09	.04	.07	1	5
FX 479486	1	38	2	56	.1	7	11	782	4.71	5	5	ND	2	122	.2	4	2	101	4.83	.098	3	17	2.23	11	.08	2	1.96	.02	.03	1	9
FX 479487	1	20	3	41	.1	6	9	754	3.89	4	5	ND	6	99	.2	3	2	82	5.34	.102	5	18	1.85	11	.07	3	1.58	.02	.02	1	4
FX 479488	1	20	2	27	.1	9	6	471	2.80	4	5	ND	4	114	.2	2	2	63	3.43	.068	5	18	1.48	16	.11	2	1.37	.03	.04	1	3
FX 479489	1	34	3	28	.1	7	6	370	2.45	4	5	ND	3	104	.2	2	3	63	2.50	.070	5	20	1.04	23	.12	2	1.00	.05	.05	1	3
FX 479490	1	12	5	39	.1	6	6	469	2.87	4	5	ND	6	157	.2	3	2	56	2.91	.081	4	18	1.27	21	.12	3	1.23	.04	.05	1	1
FX 479491	1	7	2	33	.1	6	6	356	2.47	3	5	ND	4	287	.2	2	2	55	2.63	.075	4	14	.91	16	.11	5	1.25	.02	.03	1	1
FX 479492	2	26	2	34	.1	8	6	373	2.87	4	5	ND	5	145	.2	2	2	54	2.47	.075	4	17	1.16	19	.11	4	1.15	.05	.05	1	260
FX 479493	1	37	3	23	.2	8	8	319	2.84	4	5	ND	5	151	.3	2	2	62	2.27	.076	5	16	.94	20	.13	5	1.16	.05	.05	1	1
FX 479494	1	28	3	24	.2	6	6	309	2.55	2	5	ND	5	111	.2	2	2	56	1.98	.067	4	13	.92	133	.13	4	1.00	.06	.07	1	1
FX 479495	17	25	2	28	.1	7	10	379	3.37	3	5	ND	5	105	.2	2	2	69	1.70	.070	9	18	.99	25	.14	4	1.15	.05	.08	1	2
FX 479496	2	35	3	32	.3	11	9	452	3.77	3	5	ND	4	131	.2	2	2	59	2.33	.080	7	22	1.31	27	.08	4	1.53	.04	.13	1	4
FX 479497	1	63	2	76	.3	7	17	549	5.32	3	5	ND	6	140	.2	3	2	55	1.90	.069	10	18	1.31	26	.05	3	1.79	.01	.17	1	350
FX 479498	1	29	4	47	.2	7	9	433	4.22	3	5	ND	8	86	.2	2	2	49	1.12	.061	9	18	1.25	29	.06	4	1.61	.03	.17	1	1
FX 479499	1	89	2	66	.3	5	13	484	5.45	2	5	ND	10	68	.2	2	2	54	1.22	.058	8	17	1.44	30	.08	2	1.78	.03	.18	1	68
FX 479500	1	59	2	59	.3	8	8	454	5.00	3	5	ND	8	103	.2	2	2	52	1.48	.070	8	18	1.30	35	.08	5	1.79	.04	.18	1	7
FX 479501	1	33	2	53	.3	7	12	536	5.66	6	5	ND	8	176	.2	3	2	56	2.49	.091	8	15	1.39	44	.07	4	2.12	.04	.20	1	630
FX 479502	41	214	8	65	4.7	9	21	611	5.39	17	5	ND	5	321	.2	2	2	51	4.74	.122	6	21	1.27	28	.03	2	1.88	.01	.19	1	350
FX 479503	1	31	3	36	.2	6	8	450	3.26	4	5	ND	7	124	.2	2	2	39	2.06	.053	9	15	.93	25	.03	3	1.33	.02	.17	1	2
FX 479504	2	43	7	45	.2	9	11	431	3.25	4	5	ND	7	104	.2	2	2	47	1.61	.061	10	20	1.11	29	.08	3	1.39	.03	.14	1	1
FX 479505	2	20	4	41	.1	7	9	427	3.22	2	5	ND	6	136	.2	2	2	36	1.86	.048	8	15	.86	23	.04	4	1.32	.02	.17	1	1
FX 479506	1	15	4	51	.1	6	8	422	2.94	2	5	ND	7	149	.3	2	2	31	1.93	.044	9	15	.95	29	.03	4	1.30	.02	.18	1	2
FX 479507	1	73	3	76	.2	5	11	516	4.69	3	5	ND	7	103	.2	2	2	55	1.41	.064	8	17	1.24	49	.08	3	1.69	.04	.30	1	230
FX 479508	1	32	2	62	.1	9	8	544	4.22	2	5	ND	6	127	.2	2	2	45	1.93	.054	9	17	1.17	46	.03	2	1.50	.02	.18	1	41
FX 479509	1	5	2	27	.3	7	7	413	2.61	2	5	ND	7	138	.2	2	2	47	2.00	.058	9	15	.91	31	.06	7	1.08	.04	.13	1	1
FX 479510	1	7	5	29	.1	8	7	418	2.74	2	5	ND	7	128	.2	2	2	44	1.97	.058	13	17	.84	29	.01	4	1.11	.03	.14	1	10
FX 479511	1	16	3	28	.3	7	8	407	2.93	3	5	ND	6	168	.3	2	2	43	2.35	.053	11	15	.85	28	.01	3	1.06	.03	.12	1	4
FX 479512	1	24	2	49	.5	9	12	557	4.38	5	5	ND	6	135	.2	2	2	53	1.94	.051	9	16	1.34	32	.02	5	1.70	.02	.18	1	260
FX 479513	1	125	2	50	.6	7	29	675	10.36	8	5	ND	2	275	.2	2	2	176	4.59	.499	6	21	.81	13	.01	4	.91	.01	.04	1	11
FX 479514	1	40	4	66	.4	8	10	496	5.08	4	5	ND	7	112	.2	2	2	50	1.22	.069	11	16	1.34	39	.02	3	1.80	.01	.23	1	220
FX 479515	1	29	7	47	.3	5	6	456	3.40	2	5	ND	7	187	.2	2	2	41	2.16	.066	8	15	.86	40	.01	2	1.29	.01	.20	1	310
FX 479516	1	51	5	41	.6	6	7	460	3.73	3	5	ND	7	196	.4	2	2	37	2.53	.061	7	16	.92	26	.01	4	1.34	.01	.18	1	290
STANDARD C/AU-R	18	56	37	132	6.8	68	32	1033	3.93	38	18	7	38	51	18.4	15	20	57	.48	.089	37	58	.88	175	.09	32	1.87	.06	.15	11	510

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 ACID LEACH/AA FROM 20 GM SAMPLE.

DATE RECEIVED: JUL 4 1991 DATE REPORT MAILED: July 9/91. SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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 479517	1	21	10	40	3.6	6	9	596	2.75	4	13	ND	7	343	.2	2	2	25	4.24	.039	6	10	.66	16	.01	3	1.00	.01	.14	1	1030
FX 479518	1	10	3	29	.5	6	7	642	2.07	5	5	ND	10	341	.3	3	2	25	4.77	.046	10	8	.58	186	.01	2	.93	.02	.20	1	111
FX 479519	1	14	6	58	.3	6	11	637	3.46	4	5	ND	9	346	.2	2	2	36	3.32	.048	10	8	.97	28	.01	2	1.42	.01	.22	1	123
FX 479520	2	25	5	67	.3	8	9	582	4.33	4	5	ND	10	174	.2	2	2	42	1.56	.066	10	12	1.17	42	.01	2	1.77	.01	.22	1	67
FX 479521	2	22	2	45	.3	7	8	597	3.19	4	5	ND	9	230	.2	2	2	34	3.15	.051	9	9	.88	42	.01	2	1.23	.01	.20	1	50
FX 479522	1	15	2	52	.1	7	10	495	3.30	2	5	ND	9	181	.2	2	2	41	1.82	.052	13	9	.96	40	.02	2	1.33	.02	.23	1	10
FX 479523	1	59	2	96	.2	6	22	635	6.61	2	5	ND	9	180	.2	2	3	51	1.91	.048	11	8	1.52	96	.05	2	2.60	.01	.48	1	5
FX 479524	2	89	6	63	.5	9	22	617	4.84	2	5	ND	7	223	.2	2	2	48	1.85	.059	13	11	1.40	52	.02	3	2.04	.02	.29	1	7
FX 479525	5	599	5	81	20.2	11	52	687	7.92	14	5	ND	8	258	.2	2	5	133	3.38	.348	9	16	1.70	51	.02	2	2.59	.01	.26	1	820
FX 479526	1	26	4	54	1.2	7	10	540	3.40	4	5	ND	8	175	.3	2	2	42	2.22	.065	12	9	.91	31	.01	2	1.39	.02	.19	1	360
FX 479527	1	77	5	46	1.8	13	10	586	3.73	4	5	ND	9	269	.2	2	3	37	3.15	.054	11	9	.88	55	.01	3	1.33	.02	.20	1	290
FX 479528	3	13	3	28	.4	9	8	458	2.34	4	6	ND	9	179	.2	3	2	29	2.74	.044	10	13	.74	48	.01	2	.94	.02	.15	1	38
FX 479529	2	12	4	35	.8	8	10	597	2.91	5	5	ND	8	267	.2	2	2	33	3.02	.054	10	10	.90	73	.01	5	1.22	.02	.19	1	28
FX 479530	1	32	4	48	2.4	8	13	625	3.94	6	6	ND	7	203	.2	2	4	41	2.87	.053	9	10	1.09	116	.01	2	1.48	.02	.17	1	500
FX 479531	1	21	4	64	.9	6	16	619	5.44	5	5	ND	8	189	.2	2	5	47	1.75	.059	20	10	1.26	31	.01	2	1.85	.02	.22	1	310
FX 479532	179	42	6	36	1.5	11	13	528	3.74	2	5	ND	5	238	.2	2	3	29	2.80	.050	5	12	.76	55	.01	3	1.11	.01	.20	1	670
FX 479533	10	26	2	50	1.8	10	16	724	3.84	2	5	ND	7	291	.2	2	4	38	3.18	.056	8	9	1.06	25	.01	2	1.42	.02	.20	1	320
FX 479534	3	11	4	39	.3	7	15	613	3.24	2	5	ND	7	209	.2	2	2	44	2.28	.062	12	10	1.07	31	.01	2	1.35	.03	.18	1	50
FX 479535	1	30	3	40	.8	5	15	635	4.05	3	5	ND	7	269	.2	2	2	38	2.88	.052	8	8	1.02	29	.01	2	1.45	.02	.17	1	810
FX 479536	3	8	2	29	1.0	9	10	583	2.98	4	5	ND	7	259	.2	2	5	38	2.85	.051	11	12	.85	262	.01	2	1.16	.03	.17	1	129
FX 479537	1	21	2	31	.4	8	11	621	2.73	5	5	ND	7	325	.2	2	2	39	3.54	.058	10	11	.83	199	.01	2	1.15	.03	.17	1	81
FX 479538	2	30	3	38	8.7	5	10	680	2.83	5	5	2	6	316	.2	2	2	40	3.42	.058	10	11	.90	111	.01	2	1.17	.03	.17	1	940
FX 479539	1	26	3	37	8.0	6	9	517	2.55	5	5	ND	6	241	.2	2	2	34	2.19	.051	9	9	.79	70	.01	2	1.05	.03	.18	1	1390
FX 479540	3	39	4	32	7.8	11	10	460	2.58	6	5	5	7	239	.2	2	2	34	2.30	.057	10	15	.71	17	.01	2	1.00	.03	.18	1	1160
FX 479541	1	6	2	35	.1	9	10	574	2.83	2	5	ND	7	255	.2	2	2	45	2.42	.060	13	10	.99	16	.01	4	1.23	.03	.16	1	51
FX 479542	1	11	2	32	.4	10	11	588	2.92	4	5	ND	8	249	.2	2	2	43	2.48	.057	12	11	.97	39	.01	2	1.23	.04	.17	1	28
FX 479543	2	46	5	42	.8	7	13	722	3.31	2	5	ND	6	266	.2	2	2	43	3.21	.062	8	11	1.01	82	.01	2	1.32	.03	.17	1	72
FX 479544	3	34	3	49	1.4	11	12	800	3.32	3	5	ND	5	334	.2	2	2	48	3.05	.065	11	14	1.15	39	.01	2	1.47	.04	.20	1	2160
FX 479545	1	25	2	53	.4	9	15	736	3.54	2	5	ND	7	249	.2	2	5	59	2.17	.074	12	14	1.24	29	.01	2	1.54	.04	.21	1	49
FX 479546	2	21	5	51	.2	9	13	800	3.44	4	5	ND	5	315	.2	2	2	53	2.83	.070	11	12	1.18	156	.01	2	1.48	.04	.18	1	63
FX 479547	1	11	5	55	.3	6	13	855	3.49	2	5	ND	6	284	.2	2	2	53	2.97	.070	11	12	1.30	73	.01	2	1.54	.03	.16	1	350
FX 479548	2	29	4	47	1.3	10	12	896	3.02	5	5	ND	5	395	.2	2	2	46	4.46	.062	9	14	1.08	112	.01	2	1.32	.03	.15	1	370
FX 479549	2	16	5	57	.4	9	15	788	3.59	2	5	ND	6	229	.2	2	4	69	2.66	.074	11	13	1.21	30	.02	2	1.44	.05	.16	1	490
FX 479550	1	27	2	49	.5	7	12	661	3.16	3	5	ND	5	213	.2	2	2	61	2.03	.067	11	11	1.08	43	.05	5	1.23	.06	.17	1	120
FX 479551	1	18	3	43	1.7	7	11	573	2.75	2	5	ND	6	183	.2	2	5	34	1.85	.053	9	9	.92	22	.01	2	1.09	.04	.15	1	520
FX 479552	4	6	2	7	.9	13	2	212	.67	2	5	ND	1	198	.2	2	4	6	1.60	.006	2	12	.13	21	.01	2	.18	.01	.03	1	87
STANDARD C/AU-R	19	56	38	131	7.1	70	34	1039	3.93	39	23	6	41	52	18.7	14	20	55	.47	.091	39	58	.88	177	.09	34	1.88	.06	.15	13	510

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
FX 479553	1	29	2	59	.4	7	15	763	3.71	2	5	ND	5	315	.2	2	2	66	2.62	.084	12	13	1.16	152	.01	3	1.46	.04	.19	1	410
FX 479554	1	17	6	54	.2	8	13	819	3.37	3	5	ND	5	279	.2	2	2	56	3.30	.068	9	11	1.09	30	.01	2	1.27	.04	.15	1	56
FX 479555	1	20	5	59	.1	6	14	766	3.74	4	6	ND	5	255	.2	2	2	67	2.44	.076	11	13	1.16	37	.02	2	1.42	.05	.18	1	91
FX 479556	1	57	9	60	.7	10	18	776	3.71	3	5	ND	5	227	.4	2	2	60	2.58	.080	10	14	1.26	33	.01	4	1.55	.04	.20	1	130
FX 479557	1	16	2	57	.2	7	15	848	3.81	4	5	ND	3	288	.4	2	2	65	2.95	.080	10	14	1.20	61	.01	2	1.51	.04	.21	1	200
FX 479558	2	13	6	46	.3	7	12	738	3.29	3	5	ND	4	287	.2	2	2	48	2.91	.061	7	13	1.00	106	.01	2	1.22	.04	.14	1	17
FX 479559	1	25	3	46	.8	6	13	802	3.28	5	5	ND	4	343	.2	2	2	54	2.94	.060	8	11	1.02	103	.01	2	1.26	.03	.14	1	74
FX 479560	3	9	7	45	.4	9	12	818	3.11	5	5	ND	10	365	.2	2	2	51	3.23	.056	9	14	.95	118	.01	2	1.20	.04	.15	1	100
FX 479561	1	23	6	55	.3	7	14	975	3.59	4	5	ND	4	320	.2	2	2	60	3.34	.068	10	11	1.20	93	.01	3	1.46	.04	.17	1	26
FX 479562	1	43	2	60	.2	8	17	858	3.91	2	5	ND	4	253	.4	2	2	80	2.21	.079	11	14	1.33	53	.06	2	1.53	.07	.23	1	120
FX 479563	1	22	9	61	.1	7	15	845	3.79	2	5	ND	4	264	.2	2	2	76	2.15	.075	11	13	1.31	169	.06	2	1.55	.06	.24	1	23
FX 479564	1	20	2	53	1.2	9	13	759	3.40	4	5	ND	4	214	.2	2	2	68	2.26	.071	9	14	1.12	69	.07	2	1.32	.06	.20	1	640
FX 479565	1	7	3	45	1.0	5	10	831	2.79	6	5	ND	5	356	.2	2	2	44	3.82	.057	9	9	.97	141	.01	2	1.15	.04	.13	1	130
FX 479566	1	14	6	64	.4	8	15	912	3.70	3	5	ND	8	276	.2	2	2	60	2.76	.077	14	11	1.31	59	.01	2	1.54	.05	.18	1	470
FX 479567	1	16	4	60	.7	7	14	909	3.72	2	5	ND	6	312	.2	2	2	65	3.06	.080	14	12	1.24	46	.02	3	1.55	.06	.21	1	450
FX 479568	1	18	5	61	.2	9	15	908	3.83	3	5	ND	5	267	.2	2	2	65	2.73	.082	14	15	1.31	54	.01	2	1.63	.05	.21	1	120
FX 479569	1	20	4	62	.4	8	15	943	3.89	5	5	ND	6	308	.2	2	2	62	3.18	.081	12	12	1.35	170	.01	2	1.66	.05	.20	1	87
FX 479570	1	86	2	64	.2	11	18	904	4.51	5	5	ND	4	289	.5	2	2	87	2.66	.093	11	14	1.43	62	.05	2	1.75	.06	.26	1	46
FX 479571	1	59	4	61	.2	8	16	877	4.33	4	5	ND	5	374	.4	2	2	79	2.55	.092	12	14	1.37	215	.04	2	1.68	.06	.35	1	42
FX 479572	2	52	5	57	1.1	8	16	932	4.18	4	5	ND	4	426	.2	2	2	61	3.07	.075	10	12	1.30	151	.01	2	1.59	.04	.23	1	220
FX 479573	1	100	5	75	.5	11	21	974	4.84	5	5	ND	4	309	.2	3	2	95	2.50	.104	12	16	1.72	64	.04	3	2.04	.06	.33	1	310
FX 479574	1	64	7	64	18.2	10	18	984	4.48	4	5	3	4	352	.2	2	2	74	3.36	.086	9	14	1.52	79	.02	2	1.74	.04	.22	1	980
FX 479575	1	24	2	56	.3	4	14	834	3.74	6	5	ND	4	276	.2	2	2	75	2.39	.082	10	12	1.25	72	.06	2	1.45	.06	.21	1	27
FX 479576	2	76	5	55	.9	8	17	906	4.09	4	5	ND	5	432	.2	2	2	57	3.10	.078	10	12	1.29	53	.01	2	1.13	.04	.21	1	240
FX 479577	1	28	4	43	1.0	5	10	951	3.54	2	5	ND	4	778	.2	2	2	41	5.41	.068	9	7	1.12	84	.01	2	.59	.03	.20	1	210
FX 479578	98	62	3	49	1.5	7	14	796	3.58	4	68	ND	7	557	.2	2	2	34	3.27	.070	9	6	1.00	224	.01	2	.41	.03	.22	1	340
FX 479579	2	7	7	24	3.2	1	3	561	1.83	4	17	ND	11	302	.2	2	3	18	2.74	.011	11	4	.41	27	.01	2	.16	.04	.06	1	400
FX 479580	2	3	4	21	.5	6	2	337	1.15	2	10	ND	10	225	.2	2	2	12	1.70	.009	15	7	.30	25	.01	4	.15	.04	.08	1	58
FX 479581	2	4	5	32	.6	4	2	338	1.08	2	5	ND	15	273	.2	2	2	12	1.67	.008	12	5	.36	25	.01	3	.15	.05	.08	1	110
FX 479582	1	4	7	23	.5	2	1	184	.86	2	7	ND	10	184	.2	2	2	10	.77	.013	14	4	.21	17	.01	3	.13	.04	.07	1	130
FX 479583	1	3	11	33	1.6	3	2	421	1.28	3	5	ND	11	314	.2	2	2	19	2.05	.009	16	4	.42	34	.01	2	.14	.04	.06	1	270
FX 479584	2	45	13	62	.9	8	12	760	3.50	2	21	ND	7	201	.2	2	2	33	1.83	.078	14	9	.56	23	.01	2	.36	.03	.19	1	1020
FX 479585	2	35	14	55	1.4	5	10	707	3.15	4	11	ND	9	248	.3	2	2	31	1.65	.051	13	6	.45	26	.01	4	.29	.02	.13	1	610
FX 479586	1	2	11	17	.5	3	1	174	.63	2	6	ND	6	128	.2	2	2	11	.57	.007	11	4	.17	17	.01	2	.13	.03	.10	1	250
FX 479587	1	1	13	19	.2	1	1	220	.65	2	5	ND	8	129	.2	2	2	10	.70	.006	12	3	.15	13	.01	3	.13	.03	.09	1	230
FX 479588	3	2	17	32	.5	6	1	368	.62	2	5	ND	11	140	.2	2	2	10	1.26	.007	14	8	.13	15	.01	4	.12	.03	.08	1	86
STANDARD C/AU-R	19	58	38	132	7.5	70	32	1054	3.98	37	18	7	40	52	18.5	15	21	56	.48	.090	40	59	.88	178	.09	35	1.90	.06	.15	11	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 479589	2	1	15	24	.2	3	1	246	.38	2	5	ND	9	95	.2	2	2	6	.98	.006	13	5	.05	15	.01	2	.10	.04	.06	1	220
FX 479590	1	1	4	31	.1	4	1	258	.56	2	5	ND	11	60	.2	2	2	5	.75	.007	16	4	.02	17	.01	2	.13	.05	.07	1	180
FX 479591	1	2	9	36	.2	3	1	291	.56	2	5	ND	11	70	.2	2	2	6	1.11	.006	14	4	.04	13	.01	2	.11	.04	.06	1	280
FX 479592	3	2	12	29	.1	7	1	313	.46	2	5	ND	11	87	.2	2	2	5	1.39	.006	14	7	.04	13	.01	2	.10	.04	.06	1	63
FX 479593	2	1	6	35	.1	4	1	305	.55	2	5	ND	13	69	.2	2	2	7	.94	.007	16	5	.05	15	.01	2	.12	.05	.07	1	53
FX 479594	1	2	7	28	.2	3	1	223	.56	2	5	ND	10	61	.2	2	2	6	.70	.006	14	5	.06	15	.01	2	.11	.05	.07	1	78
FX 479595	1	2	5	35	.1	3	1	325	.67	2	5	ND	12	80	.2	2	2	8	1.13	.006	15	4	.07	14	.01	2	.11	.05	.06	1	34
FX 479596	3	2	9	25	.1	7	1	316	.49	2	5	ND	11	97	.2	2	2	7	1.20	.006	14	8	.06	15	.01	2	.11	.05	.07	1	55
FX 479597	2	1	9	28	.1	5	1	300	.55	2	5	ND	13	76	.2	2	2	8	.77	.006	16	5	.07	15	.01	2	.12	.05	.07	1	44
FX 479598	1	2	5	30	.1	3	1	322	.60	2	5	ND	12	100	.2	2	2	8	.98	.007	16	5	.06	15	.01	2	.12	.05	.07	1	95
FX 479599	1	2	4	26	.1	3	1	359	.65	2	5	ND	12	87	.2	2	2	8	1.02	.007	15	4	.07	14	.01	2	.12	.05	.07	1	36
FX 479600	3	3	27	48	2.9	5	2	448	1.10	2	5	ND	13	85	.2	2	9	11	1.10	.007	14	7	.13	17	.01	2	.12	.04	.06	1	21
FX 479601	2	1	12	23	.1	3	1	294	.59	2	5	ND	8	126	.2	2	2	9	1.50	.004	9	1	.08	461	.01	2	.09	.03	.05	1	74
FX 479602	1	2	3	28	.1	4	1	319	.74	2	5	ND	9	96	.2	2	2	6	1.24	.005	10	5	.07	14	.01	2	.12	.03	.07	1	83
FX 479603	1	3	35	74	.3	3	3	2124	3.75	2	11	ND	11	283	.2	2	2	27	1.82	.005	12	9	.57	21	.01	2	.22	.01	.14	1	53
FX 479604	3	2	13	46	.1	8	1	316	1.04	2	5	ND	11	92	.2	2	2	9	.83	.006	14	8	.13	13	.01	2	.13	.04	.07	1	110
FX 479605	1	1	7	29	.1	4	1	279	.64	2	5	ND	15	78	.2	2	2	7	.77	.006	14	5	.07	17	.01	2	.12	.04	.07	1	59
FX 479606	1	1	43	53	.1	5	2	2621	3.46	2	9	ND	8	370	.2	2	2	27	2.23	.004	8	10	.74	15	.01	2	.16	.01	.14	1	110
FX 479607	1	3	10	18	.1	3	1	338	.52	2	5	ND	6	159	.2	2	2	6	1.98	.003	7	5	.05	11	.01	2	.09	.03	.05	1	66
FX 479608	11	4	26	43	.6	10	2	805	1.55	2	12	ND	6	137	.2	2	2	16	.71	.002	5	12	.26	11	.01	2	.13	.01	.08	1	230
FX 479609	1	1	11	32	.1	4	1	271	.78	2	5	ND	12	93	.2	2	2	12	.73	.007	14	8	.12	14	.01	2	.13	.04	.07	1	60
FX 479610	1	1	10	36	.2	3	1	275	.80	2	5	ND	9	69	.2	2	2	8	.86	.005	12	6	.09	11	.01	3	.11	.04	.05	1	74
FX 479611	1	1	21	38	.6	2	1	315	.71	3	5	ND	10	105	.2	2	2	13	.98	.006	15	6	.12	14	.01	2	.12	.04	.06	1	260
FX 479612	1	1	12	17	.2	3	1	401	.72	5	5	ND	4	86	.2	2	2	12	1.09	.003	13	7	.05	7	.01	3	.06	.02	.03	1	140
FX 479613	1	1	11	34	.2	4	1	478	.86	2	6	ND	11	127	.2	2	2	14	1.40	.007	16	6	.12	15	.01	2	.12	.05	.07	1	73
FX 479614	1	2	13	37	.1	4	2	421	.93	2	5	ND	9	82	.2	2	2	11	1.13	.007	15	6	.10	16	.01	3	.13	.05	.07	1	46
FX 479615	1	2	19	39	.3	3	1	403	.87	2	5	ND	10	169	.2	2	2	15	1.37	.007	15	6	.14	16	.01	2	.12	.04	.06	1	72
FX 479616	2	2	18	32	.1	7	1	287	.74	2	5	ND	9	107	.2	2	2	13	.87	.007	14	8	.11	14	.01	2	.11	.04	.06	1	13
FX 479617	1	1	10	28	.1	5	1	309	.67	2	5	ND	12	98	.2	2	2	9	1.01	.007	14	5	.08	15	.01	2	.13	.05	.07	1	93
FX 479618	1	1	14	37	.2	5	1	278	.95	2	5	ND	10	95	.2	2	2	15	.81	.006	13	6	.13	13	.01	5	.12	.04	.06	1	80
FX 479619	1	1	12	41	.1	3	1	324	.93	2	5	ND	12	100	.2	2	2	13	1.01	.007	15	6	.11	14	.01	2	.12	.04	.06	1	32
FX 479620	3	2	8	28	.3	7	1	179	.69	2	5	ND	15	67	.2	2	2	10	.53	.007	16	9	.08	16	.01	4	.13	.05	.07	1	45
FX 479621	1	1	8	32	.3	2	1	318	.62	2	5	ND	15	76	.2	2	2	9	.95	.007	17	4	.05	14	.01	4	.11	.05	.07	1	170
FX 479622	1	1	13	41	.2	3	1	385	.84	2	5	ND	15	83	.2	2	2	10	1.01	.007	15	6	.09	15	.01	2	.13	.04	.07	1	80
FX 479623	1	1	19	31	.2	3	1	360	.81	2	5	ND	12	108	.2	2	2	12	1.10	.007	15	6	.10	14	.01	2	.12	.04	.07	1	150
FX 479624	2	2	9	31	.1	6	1	384	.82	2	5	ND	13	106	.2	2	2	14	1.04	.008	14	7	.10	13	.01	2	.11	.05	.06	1	63
STANDARD C/AU-R	18	57	39	132	6.7	70	33	1048	3.98	37	16	7	39	52	18.6	19	19	55	.48	.090	38	58	.88	177	.09	31	1.89	.06	.15	11	520

ACME ANALYTICAL

Inco Expl. & Tech. Services PROJECT 60513-82010 FILE # 91-2285

ACME ANALYTICAL

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 479625	1	9	12	32	.1	5	2	335	.92	2	5	ND	11	100	.2	2	2	14	.89	.008	14	7	.12	19	.01	2	.13	.05	.06	1	29
FX 479626	1	2	11	35	.1	3	2	359	.88	2	5	ND	13	85	.2	2	2	13	.87	.010	15	5	.10	11	.01	5	.12	.05	.06	1	26
FX 479627	1	3	8	33	.2	2	2	356	.81	3	5	ND	11	103	.2	2	2	10	1.00	.009	15	4	.09	7	.01	4	.12	.05	.07	1	22
FX 479628	3	4	11	31	.3	7	1	444	.95	3	5	ND	7	170	.2	2	2	14	1.52	.006	10	9	.14	15	.01	2	.10	.04	.06	1	99
FX 479629	1	4	5	24	.1	5	1	281	.69	2	5	ND	7	123	.2	2	2	10	.93	.006	9	5	.08	13	.01	2	.10	.04	.05	1	84
FX 479630	1	5	10	30	.1	3	2	336	.83	3	5	ND	11	124	.2	2	2	13	1.02	.007	11	6	.11	13	.01	2	.11	.04	.06	1	48
FX 479631	1	3	8	17	.2	3	1	305	.59	6	5	ND	6	126	.2	2	2	10	1.26	.004	7	4	.07	12	.01	4	.09	.03	.05	1	96
FX 479632	2	4	6	27	.2	8	1	331	.68	2	5	ND	7	75	.2	2	2	9	.85	.007	10	8	.08	6	.01	4	.11	.04	.06	1	52
FX 479633	1	1	5	30	.1	3	1	360	.68	3	5	ND	7	97	.2	2	2	9	.97	.007	10	4	.08	11	.01	5	.11	.04	.06	1	170
FX 479634	1	2	6	18	.1	3	1	274	.53	2	5	ND	6	77	.2	2	2	6	.79	.005	7	5	.04	7	.01	3	.09	.03	.04	1	110
FX 479635	1	6	3	16	.1	5	2	256	.53	3	8	ND	6	66	.2	2	2	6	.69	.004	7	5	.04	10	.01	2	.13	.03	.05	1	100
FX 479636	3	5	12	18	.2	8	1	292	.57	2	5	ND	8	92	.2	2	2	8	.92	.007	8	9	.05	15	.01	2	.09	.03	.06	1	94
FX 479637	2	6	5	20	.1	5	2	236	.57	2	5	ND	7	61	.2	2	2	7	.59	.006	10	4	.05	8	.01	2	.10	.04	.05	1	280
FX 479638	1	4	7	25	.1	6	2	277	.63	2	5	ND	9	81	.2	2	2	8	.74	.005	9	4	.06	10	.01	4	.10	.03	.05	1	95
FX 479639	1	3	10	25	.1	1	1	309	.62	2	5	ND	12	99	.2	2	2	9	.91	.008	11	4	.07	7	.01	4	.11	.04	.06	1	430
FX 479640	2	4	10	26	.1	10	1	280	.62	4	5	ND	14	90	.2	2	2	9	.82	.008	13	8	.06	11	.01	3	.10	.04	.06	1	77
FX 479641	2	4	26	55	.3	6	2	486	1.51	2	5	ND	13	139	.2	2	2	19	1.43	.007	14	5	.16	9	.01	4	.13	.03	.07	1	43
STANDARD C/AU-R	19	57	43	134	6.8	75	32	1066	4.02	38	19	7	39	52	18.4	15	19	57	.48	.095	40	58	.89	175	.09	36	1.90	.06	.15	13	530

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Inco Expl. & Tech. Services PROJECT 60513-82010 File # 91-2314 Page 1

2690 - 666 Burrard St., Vancouver BC V6C 2X8 Submitted by: DENNIS BOHME

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 479642	1	2	21	33	.1	3	1	355	.92	2	5	ND	12	115	.2	2	2	14	1.14	.009	13	6	.06	84	.01	3	.15	.06	.06	1	51
FX 479643	2	3	28	61	.2	6	2	536	1.88	3	5	ND	13	196	.3	2	2	37	1.53	.010	14	7	.17	86	.01	2	.15	.05	.03	1	33
FX 479644	2	1	15	30	.1	5	1	352	.75	2	5	ND	12	120	.2	2	2	11	1.34	.010	15	7	.04	24	.01	3	.14	.06	.06	1	22
FX 479645	1	1	13	30	.1	4	1	361	.84	2	5	ND	12	116	.2	2	2	13	1.22	.010	16	6	.05	19	.01	2	.13	.05	.06	1	21
FX 479646	1	1	16	40	.2	3	1	466	1.02	2	5	ND	14	129	.2	2	2	16	1.41	.010	15	5	.06	18	.01	2	.14	.05	.06	1	14
FX 479647	2	1	10	39	.1	7	1	412	.89	2	5	ND	15	129	.2	2	2	14	1.13	.011	16	8	.06	23	.01	2	.14	.06	.05	1	11
FX 479648	1	1	20	54	.1	5	2	810	2.68	2	5	ND	20	185	.2	2	2	34	1.37	.011	19	6	.21	17	.01	2	.16	.04	.03	1	14
FX 479649	1	1	17	37	.1	4	1	545	1.85	3	5	ND	12	130	.2	2	2	22	1.01	.010	16	6	.14	16	.01	2	.14	.04	.03	1	17
FX 479650	1	1	16	31	.1	4	1	464	1.01	2	5	ND	15	121	.2	2	2	13	1.34	.010	16	8	.06	19	.01	2	.15	.06	.07	1	38
FX 479651	2	4	32	55	.2	7	2	817	3.03	2	5	ND	15	206	.2	2	2	42	1.37	.011	16	9	.29	19	.01	2	.16	.04	.05	1	46
FX 479652	1	1	12	40	.1	4	1	367	.99	2	5	ND	15	102	.6	2	2	17	.87	.010	17	5	.07	17	.01	2	.14	.05	.05	1	13
FX 479653	1	2	13	37	.2	5	1	401	1.14	2	5	ND	18	98	.2	2	2	16	.98	.009	17	6	.07	17	.01	2	.15	.05	.06	1	55
FX 479654	1	2	15	33	.2	4	1	371	1.00	2	5	ND	13	102	.4	2	2	17	.95	.010	15	5	.07	17	.01	2	.15	.05	.06	1	11
FX 479655	2	3	14	39	.2	7	2	443	1.06	2	5	ND	12	109	.7	2	2	18	1.13	.010	16	8	.08	18	.01	2	.15	.05	.06	2	58
FX 479656	1	1	12	31	.1	5	1	405	.80	2	5	ND	10	108	.2	2	2	12	1.10	.009	13	6	.06	17	.01	2	.14	.05	.06	1	40
FX 479657	1	2	10	41	.2	4	1	429	1.13	2	5	ND	13	114	.2	2	2	19	1.04	.009	16	6	.08	17	.01	2	.14	.06	.06	1	88
FX 479658	1	1	12	42	.1	4	1	350	1.17	2	5	ND	13	89	.2	2	2	20	.75	.010	16	7	.08	19	.01	2	.15	.06	.05	1	46
FX 479659	2	2	14	49	.1	8	1	341	1.23	2	5	ND	12	83	.2	2	2	18	.64	.011	16	9	.09	19	.01	4	.17	.05	.07	1	72
FX 479660	2	1	9	33	.1	6	1	435	1.08	2	5	ND	8	139	.2	2	2	13	1.26	.008	10	6	.07	16	.01	2	.14	.04	.04	1	77
FX 479661	1	3	11	33	.3	5	1	407	1.01	2	5	ND	8	126	.2	2	2	11	1.19	.008	10	6	.06	15	.01	2	.14	.04	.04	1	140
FX 479662	1	3	12	40	.2	4	1	467	1.39	2	5	ND	11	121	.3	2	2	20	1.17	.010	14	7	.10	18	.01	2	.15	.05	.05	1	46
FX 479663	2	3	9	34	.1	7	1	381	.87	2	5	ND	11	94	.2	2	2	13	1.00	.009	14	9	.06	18	.01	2	.14	.05	.06	1	60
FX 479664	1	2	8	39	.1	6	1	424	1.15	2	5	ND	10	113	.2	2	2	19	1.08	.011	15	10	.08	19	.01	2	.16	.06	.06	1	87
FX 479665	1	1	19	37	.1	3	1	410	1.02	2	5	ND	10	157	.2	2	2	21	1.30	.011	15	5	.07	18	.01	2	.14	.06	.06	1	32
FX 479666	1	2	11	36	.3	3	1	371	.93	2	5	ND	11	110	.2	2	2	16	1.04	.012	16	6	.06	19	.01	2	.15	.06	.07	1	74
FX 479667	2	2	15	34	.2	7	1	359	1.03	2	5	ND	11	101	.2	2	2	16	.98	.011	14	10	.07	18	.01	2	.15	.06	.07	1	47
FX 479668	1	2	28	82	.1	5	3	664	4.22	2	5	ND	11	129	.2	2	2	59	.81	.018	12	8	.39	18	.01	2	.21	.03	.04	1	32
FX 479669	1	2	14	37	.1	4	1	366	1.04	2	5	ND	10	103	.2	2	2	16	.95	.012	15	7	.07	18	.01	3	.15	.06	.07	1	54
FX 479670	1	3	14	32	.3	5	1	288	.91	2	5	ND	11	71	.2	2	2	15	.70	.011	15	7	.06	19	.01	2	.19	.06	.07	1	65
FX 479671	2	3	18	31	.1	9	1	364	.81	2	5	ND	11	117	.2	2	2	16	1.01	.010	13	12	.06	17	.01	2	.16	.05	.05	1	48
FX 479672	2	3	17	26	.2	6	1	285	.79	2	5	ND	6	92	.2	2	2	15	.83	.006	7	9	.06	15	.01	2	.19	.03	.04	1	290
FX 479673	1	2	22	40	.2	4	1	411	.90	2	5	ND	16	119	.2	2	2	18	1.10	.010	18	6	.08	18	.01	2	.20	.06	.07	1	20
FX 479674	1	2	24	36	.1	4	1	440	.66	3	5	ND	12	142	.3	2	2	17	1.39	.011	16	7	.07	19	.01	2	.20	.06	.07	1	43
FX 479675	2	2	11	39	.1	6	1	468	.58	2	5	ND	13	139	.2	2	2	9	1.66	.010	15	8	.05	17	.01	3	.14	.06	.06	1	87
FX 479676	1	332	297	39	3.4	4	1	442	.59	2	5	ND	13	163	.2	2	6	17	1.50	.020	16	5	.08	17	.01	5	.14	.06	.07	1	140
FX 479677	1	7	15	28	.3	5	1	328	.63	7	5	ND	8	73	.2	2	2	11	.80	.008	11	7	.03	28	.01	2	.22	.04	.05	1	140
STANDARD C/AU-R	20	62	44	138	7.1	73	32	1088	3.95	40	19	6	40	49	18.7	15	22	61	.50	.100	40	60	1.00	185	.10	36	1.97	.07	.15	12	470

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 ACID LEACH/AA FROM 20 GM SAMPLE.

DATE RECEIVED: JUL 5 1991 **DATE REPORT MAILED:** July 10/91 **SIGNED BY**.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

Inco Expl. & Tech. Services PROJECT 60513-82010 FILE # 91-2314

ACME ANALYTICAL

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 479678	1	5	17	45	.2	5	1	411	.87	4	5	ND	8	104	.2	2	2	16	.92	.010	11	6	.07	44	.01	2	.20	.04	.04	2	200
FX 479679	2	3	20	36	.1	8	1	393	.76	4	5	ND	9	164	.2	2	2	22	1.00	.007	9	7	.15	28	.01	3	.15	.03	.03	2	270
FX 479680	2	3	14	34	.1	5	1	429	.72	2	5	ND	9	171	.2	2	2	15	1.44	.007	9	6	.10	15	.01	3	.14	.04	.03	1	99
FX 479681	1	3	19	32	.1	4	1	379	.74	3	5	ND	8	149	.2	2	2	16	1.27	.008	9	5	.11	15	.01	2	.13	.04	.03	1	98
FX 479682	1	2	15	31	.1	3	1	376	.61	2	5	ND	13	127	.2	2	2	11	1.17	.009	13	4	.07	16	.01	2	.12	.05	.05	1	62
FX 479683	2	2	13	29	.1	6	1	325	.55	3	5	ND	10	121	.2	2	2	10	1.08	.009	13	7	.07	17	.01	3	.12	.05	.06	1	200
FX 479684	1	2	14	34	.1	4	1	337	.60	4	5	ND	11	111	.2	2	3	12	1.03	.009	14	4	.07	15	.01	3	.12	.05	.05	1	97
FX 479685	1	2	17	40	.1	4	1	343	.62	2	5	ND	12	119	.2	2	2	15	1.01	.009	13	5	.07	16	.01	3	.12	.05	.05	1	91

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Inco Expl. & Tech. Services PROJECT 60513-82010 File # 91-2348 Page 1

2690 - 666 Burrard St., Vancouver BC V6C 2X8 Submitted by: DENNIS BOHME

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 479686	1	4	4	21	.1	8	7	443	2.85	2	5	ND	5	129	.2	2	2	65	2.62	.075	6	10	1.16	25	.12	2	1.47	.06	.09	1	7
FX 479687	1	9	2	20	.1	8	6	350	2.49	4	5	ND	7	150	.2	2	2	68	2.52	.080	5	11	.93	27	.14	2	1.31	.07	.09	1	1
FX 479688	1	17	3	24	.2	5	6	385	2.67	5	5	ND	4	199	.2	2	2	60	3.63	.070	6	8	1.11	31	.14	2	1.62	.06	.13	2	19
FX 479689	1	10	2	17	.2	7	6	363	2.48	4	5	ND	4	176	.2	2	2	59	3.45	.062	6	8	1.09	28	.14	2	1.62	.06	.14	3	20
FX 479690	1	22	2	28	.2	7	8	445	2.89	2	5	ND	5	132	.2	2	2	59	3.49	.066	7	7	1.21	22	.13	2	1.61	.03	.12	1	14
FX 479691	1	15	5	34	.1	5	11	520	3.55	2	5	ND	4	139	.3	2	2	71	2.72	.073	5	8	1.33	23	.14	2	1.64	.05	.10	1	7
FX 479692	1	34	2	28	.1	7	7	376	2.76	2	5	ND	5	134	.2	2	2	67	2.02	.080	4	8	1.05	35	.14	3	1.29	.09	.09	1	3
FX 479693	1	19	2	24	.1	8	7	421	2.86	2	5	ND	4	150	.2	2	7	71	2.65	.075	5	9	1.42	34	.14	3	1.47	.08	.07	1	12
FX 479694	1	83	3	18	.1	3	8	373	3.53	6	5	ND	2	138	.3	2	2	128	3.49	.231	2	10	.89	5	.04	3	.75	.05	.01	1	4
FX 479695	1	31	3	19	.1	8	7	419	2.73	2	5	ND	6	144	.2	2	2	67	3.06	.106	6	9	1.25	37	.13	2	1.33	.09	.10	1	1
FX 479696	1	20	2	18	.1	7	6	338	2.73	2	5	ND	8	109	.2	2	2	68	1.94	.081	4	10	.88	30	.14	2	1.15	.08	.09	1	1
FX 479697	1	32	3	24	.1	8	9	402	3.61	2	5	ND	9	84	.2	2	2	71	1.91	.076	5	10	1.00	28	.13	2	1.36	.06	.11	1	2
FX 479698	1	18	4	23	.1	7	9	468	3.78	2	5	ND	11	146	.2	2	2	64	2.48	.079	10	8	1.22	23	.01	2	1.79	.02	.20	1	2
FX 479699	2	122	2	20	.6	7	9	364	4.12	4	5	ND	7	130	.2	2	2	65	2.22	.092	4	12	1.31	27	.09	2	1.73	.04	.13	1	1
FX 479700	1	14	3	24	.1	9	8	372	2.93	4	5	ND	3	221	.2	2	2	45	3.16	.057	9	10	.90	29	.05	2	1.29	.03	.14	2	1
FX 479701	1	143	4	74	1.2	4	18	589	4.82	3	5	ND	8	194	.2	2	2	55	3.21	.064	12	9	1.38	28	.05	2	1.95	.02	.19	1	5
FX 479702	1	115	2	85	.6	9	20	571	5.77	2	5	ND	8	142	.2	2	2	51	1.99	.059	11	9	1.39	30	.07	2	2.03	.01	.23	1	1
FX 479703	1	32	3	97	.4	11	22	655	6.22	2	5	ND	7	129	.2	2	2	51	2.13	.051	14	10	1.67	29	.10	2	2.44	.01	.22	1	5
FX 479704	1	28	2	77	.1	6	15	563	4.24	2	5	ND	8	149	.2	2	2	46	2.18	.066	9	12	1.44	55	.11	2	2.36	.07	.28	1	1
FX 479705	1	41	4	73	.1	7	18	526	4.14	2	5	ND	8	171	.2	2	2	44	1.69	.059	7	10	1.32	43	.12	2	2.12	.03	.23	1	1
FX 479706	1	82	3	40	.2	7	12	458	4.40	3	5	ND	10	102	.2	2	2	54	1.40	.057	7	8	1.08	44	.12	2	1.66	.03	.28	1	1
FX 479707	1	125	2	91	.2	9	28	735	6.80	2	5	ND	12	119	.4	4	2	71	1.78	.075	5	12	2.31	139	.14	2	3.46	.10	.56	1	1
FX 479708	2	94	2	161	1.0	8	33	753	7.58	4	5	ND	7	133	.9	2	2	93	2.58	.238	5	23	2.41	65	.05	2	3.25	.03	.28	1	11
FX 479709	1	9	3	40	.1	6	7	461	3.16	3	5	ND	7	108	.2	2	2	52	1.65	.057	10	9	.96	33	.08	2	1.34	.04	.15	1	12
FX 479710	1	21	2	45	.1	6	7	427	3.28	3	5	ND	7	87	.2	2	2	52	1.13	.059	8	10	.94	43	.08	2	1.33	.04	.21	1	8
FX 479711	1	6	2	34	.1	7	8	471	3.02	2	5	ND	7	131	.2	2	2	55	1.96	.058	9	10	.96	34	.07	2	1.36	.05	.18	1	4
FX 479712	1	31	2	60	.1	8	11	510	3.95	2	5	ND	7	121	.2	2	2	53	1.61	.059	11	10	1.11	45	.04	2	1.71	.03	.37	2	1
FX 479713	1	9	2	33	.7	7	6	472	2.83	2	5	ND	6	154	.3	2	2	41	2.52	.058	8	8	.85	31	.01	2	1.34	.04	.17	1	12
FX 479714	1	68	3	40	.5	7	8	571	4.54	4	5	ND	8	110	.2	3	2	43	1.69	.062	7	7	1.13	39	.03	2	1.77	.03	.24	1	7
FX 479715	1	22	2	38	.3	9	7	685	4.58	3	5	ND	6	109	.2	2	2	51	1.44	.070	6	9	1.09	41	.03	2	1.83	.03	.24	1	240
FX 479716	1	41	2	76	.2	4	14	900	7.15	2	5	ND	16	104	.5	2	2	66	1.31	.061	3	12	1.73	136	.11	2	2.87	.05	.90	1	88
FX 479717	1	120	3	55	3.4	6	12	613	5.19	3	5	ND	9	161	.2	2	2	54	1.56	.054	10	10	1.14	46	.03	2	1.75	.03	.29	1	850
FX 479718	1	16	2	36	.5	5	7	510	2.97	3	5	ND	7	239	.3	2	2	42	2.58	.058	10	7	.90	39	.01	2	1.36	.03	.18	1	41
FX 479719	1	5	4	39	.2	6	5	457	2.71	2	5	ND	8	198	.2	2	2	46	2.11	.056	9	8	.95	59	.01	2	1.37	.04	.15	1	31
FX 479720	1	9	3	30	2.5	8	5	459	2.32	2	5	2	8	224	.3	2	2	45	3.08	.055	7	8	.82	94	.01	2	1.17	.05	.11	1	660
FX 479721	1	14	2	40	.3	7	6	505	3.16	2	5	ND	8	236	.5	2	2	47	2.66	.066	6	8	.92	82	.01	2	1.35	.03	.14	1	120
STANDARD C/AU-R	19	62	39	132	7.5	70	32	1050	3.94	38	21	6	39	53	18.9	16	20	58	.48	.089	39	58	.88	176	.09	33	1.92	.07	.15	12	480

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 ACID LEACH/AA FROM 20 GM SAMPLE.

DATE RECEIVED: JUL 8 1991 **DATE REPORT MAILED:** July 10/91. **SIGNED BY**..........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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 479722	1	20	7	44	.4	8	6	442	3.24	6	5	ND	5	173	.2	2	2	48	1.85	.057	7	9	.87	74	.04	2	1.35	.04	.32	2	180
FX 479723	1	23	5	48	.2	12	7	549	5.13	3	5	ND	7	138	.2	2	2	59	1.20	.061	6	9	1.20	314	.13	2	2.43	.09	1.18	1	34
FX 479724	1	98	2	89	1.5	9	18	754	9.17	2	5	3	6	194	.2	3	2	57	2.48	.058	3	12	2.11	191	.07	2	3.60	.01	.74	2	1230
FX 479725	1	40	3	77	37.0	5	13	615	5.03	5	5	5	6	223	.7	2	2	35	2.81	.060	3	9	1.22	36	.01	2	1.92	.01	.18	1	6510
FX 479726	1	17	9	39	.2	8	6	504	2.63	5	5	ND	8	237	.4	2	2	33	2.77	.058	9	9	.78	28	.01	2	1.22	.03	.21	1	24
FX 479727	1	28	7	29	16.4	9	6	534	2.18	5	5	5	6	467	.2	2	2	27	4.69	.043	5	9	.53	55	.01	2	.91	.03	.14	1	4110
FX 479728	1	17	8	26	.6	8	5	422	1.88	5	5	ND	5	345	.2	2	5	27	3.38	.039	7	8	.53	33	.01	2	.85	.03	.15	2	270
FX 479729	1	37	7	37	2.1	7	7	363	2.28	4	5	ND	7	185	.3	2	2	31	2.14	.052	9	6	.62	25	.01	2	.99	.03	.19	2	88
FX 479730	1	14	9	36	3.1	9	6	487	2.75	6	10	ND	5	525	.2	2	2	30	5.26	.038	5	7	.63	260	.01	2	1.02	.03	.18	1	230
FX 479731	1	14	8	32	.4	8	7	428	2.70	5	5	ND	8	292	.2	2	3	36	2.60	.050	9	9	.67	181	.01	2	1.07	.03	.22	1	48
FX 479732	1	20	8	29	.2	7	6	398	2.32	5	5	ND	7	265	.2	2	2	35	2.23	.043	8	8	.60	29	.01	2	.93	.03	.18	2	23
FX 479733	1	25	7	47	.2	8	8	536	3.08	4	5	ND	7	231	.2	2	2	38	2.21	.046	9	8	.90	34	.01	2	1.31	.03	.21	1	38
FX 479734	1	11	5	56	1.0	7	9	547	3.55	4	5	ND	9	173	.2	2	2	39	1.96	.048	9	9	1.01	34	.02	2	1.50	.03	.26	1	300
FX 479735	1	22	3	74	.4	8	9	615	4.41	2	5	ND	9	192	.3	2	3	38	2.08	.064	7	10	1.12	79	.01	2	1.82	.02	.23	1	57
FX 479736	1	16	7	38	.1	6	7	518	2.78	2	5	ND	9	369	.6	2	2	31	2.19	.051	11	7	.78	29	.01	2	1.31	.02	.25	1	13
FX 479737	1	31	6	43	1.5	7	9	593	3.16	5	5	ND	7	405	.2	2	2	27	4.22	.034	5	7	.70	36	.01	2	1.15	.02	.16	3	540
FX 479738	1	96	2	59	1.0	10	14	623	4.58	4	5	ND	6	259	.2	2	3	38	2.17	.048	6	11	1.24	34	.01	2	1.96	.01	.28	1	350
FX 479739	1	121	2	73	.3	12	27	664	7.05	2	5	ND	7	170	.2	5	2	78	1.43	.078	9	11	1.80	48	.03	3	2.84	.01	.38	3	7
FX 479740	10	2267	2	115	7.9	26	70	1087	8.12	14	5	ND	12	382	1.2	5	2	262	5.44	.435	31	17	2.19	56	.02	2	3.04	.01	.37	3	74
FX 479741	1	123	3	109	1.1	11	33	2317	7.08	17	7	ND	3	1278	1.3	9	2	348	15.25	.322	3	18	1.37	113	.02	2	1.21	.01	.01	3	69
FX 479742	1	158	2	73	1.6	9	25	1090	7.30	20	5	2	3	505	.8	2	2	166	6.18	.708	6	13	1.96	57	.01	2	2.21	.01	.09	1	330
FX 479743	1	12	2	44	1.0	10	9	560	3.50	4	5	ND	8	232	.3	2	2	41	1.73	.055	10	8	1.16	211	.01	2	1.52	.02	.24	3	300
FX 479744	1	25	4	50	.3	10	10	653	4.19	4	5	ND	9	286	.2	2	6	56	2.37	.072	14	7	1.14	60	.03	2	1.71	.02	.36	3	1310
FX 479745	1	37	5	43	.2	9	10	537	3.77	5	5	ND	7	165	.7	2	2	47	2.13	.056	7	8	.96	42	.01	2	1.36	.03	.20	1	97
FX 479746	1	18	6	28	.6	8	7	479	2.59	2	5	ND	7	292	.2	2	2	34	2.93	.055	7	7	.71	152	.01	2	1.02	.02	.16	1	64
FX 479747	1	10	7	27	.2	10	6	500	2.48	2	5	ND	7	271	.2	2	3	33	3.04	.049	6	10	.72	40	.01	2	1.06	.03	.18	1	23
FX 479748	1	72	2	43	.4	11	10	577	3.59	5	5	ND	6	232	.3	2	2	49	2.31	.056	6	9	1.12	43	.01	2	1.59	.03	.19	2	44
FX 479749	1	2	5	26	.2	9	7	533	2.54	2	5	ND	5	380	.3	2	2	38	3.69	.049	7	10	.73	145	.01	2	1.11	.04	.17	1	16
FX 479750	1	3	2	26	.1	10	7	423	2.48	2	5	ND	7	192	.3	2	6	41	2.07	.056	10	9	.76	52	.01	2	1.08	.04	.16	1	5
FX 479751	2	38	2	45	.5	7	18	520	4.35	4	5	ND	6	155	.5	4	2	49	1.95	.051	9	9	1.07	30	.01	2	1.46	.03	.16	3	19
FX 479752	2	86	2	51	1.3	10	15	535	5.99	2	5	ND	6	202	.4	2	6	55	1.43	.045	6	7	1.07	26	.01	2	1.76	.02	.25	1	1220
FX 479753	1	43	3	58	2.2	7	15	500	4.67	2	5	ND	6	293	.4	2	6	37	1.72	.051	6	9	.85	63	.01	2	1.44	.02	.32	1	500
FX 479754	1	15	6	25	1.8	7	5	999	2.20	2	7	ND	2	1109	.4	2	2	16	11.93	.021	2	6	.38	120	.01	2	.68	.01	.17	1	290
FX 479755	2	21	4	39	1.0	11	7	519	2.89	2	5	ND	5	333	.2	2	2	26	2.78	.046	6	10	.68	129	.01	2	1.08	.02	.20	1	230
FX 479756	2	18	2	44	1.4	12	8	445	2.92	4	5	ND	7	202	.2	2	2	32	1.36	.058	10	9	.84	22	.01	2	1.23	.03	.23	5	270
FX 479757	6	62	2	55	1.4	10	10	610	4.31	2	5	ND	7	212	.2	4	2	45	2.11	.064	12	10	1.08	30	.01	2	1.47	.02	.21	1	63
STANDARD C/AU-R	19	62	38	136	7.0	73	32	1145	4.03	40	20	7	40	54	18.8	15	20	60	.49	.099	39	60	.87	188	.09	34	2.03	.07	.15	11	520

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 479758	2	42	5	36	.1	9	9	582	3.30	3	5	ND	4	273	.2	2	2	46	2.39	.066	7	11	1.06	148	.01	2	1.31	.03	.21	1	44
FX 479759	1	49	4	37	.3	7	11	648	3.42	2	5	ND	3	288	.2	2	2	49	2.70	.063	8	10	1.05	48	.01	2	1.37	.03	.20	1	43
FX 479760	1	47	4	35	.2	6	9	668	2.96	2	5	ND	3	391	.2	2	2	41	3.39	.055	9	6	.83	25	.01	2	1.12	.03	.19	1	64
FX 479761	1	10	3	33	.1	8	7	692	2.50	3	5	ND	2	487	.2	2	2	35	4.23	.044	8	9	.74	80	.01	2	.88	.03	.15	1	36
FX 479762	1	14	2	47	.1	7	10	679	3.08	2	5	ND	3	254	.4	2	2	65	2.26	.065	9	11	1.04	91	.02	2	1.23	.04	.19	1	26
FX 479763	1	24	2	47	.2	6	11	692	3.16	2	5	ND	2	252	.2	2	2	66	2.01	.064	8	9	1.05	31	.02	2	1.25	.04	.18	1	23
FX 479764	1	22	5	42	.8	7	10	794	2.99	2	5	ND	3	421	.2	2	2	53	4.00	.059	8	10	1.02	68	.01	2	1.23	.03	.16	1	38
FX 479765	1	13	5	52	.4	7	10	748	3.34	2	5	ND	3	281	.8	2	2	56	2.35	.068	6	11	1.09	73	.01	2	1.34	.04	.17	1	28
FX 479766	1	39	5	51	.4	8	11	736	3.51	4	5	ND	2	284	.2	2	2	57	2.44	.065	6	8	1.01	33	.01	2	1.17	.03	.16	1	38
FX 479767	1	65	2	41	.3	8	11	743	3.91	2	5	ND	2	547	.2	2	2	46	3.34	.066	6	8	1.07	36	.01	2	.60	.03	.23	1	86
FX 479768	1	63	2	40	.1	6	12	670	3.53	2	5	ND	2	481	.2	2	2	48	2.97	.073	5	6	.82	31	.01	2	.40	.03	.19	1	27
FX 479769	3	49	3	34	5.7	6	13	573	2.87	2	5	ND	1	444	.2	2	2	31	2.43	.055	4	6	.73	30	.01	2	.33	.03	.16	1	360
FX 479770	1	67	4	40	.3	8	10	654	3.10	2	5	ND	2	557	.2	2	2	43	2.42	.065	5	10	1.01	65	.01	2	.34	.03	.17	1	370
FX 479771	1	24	3	41	.5	6	8	782	2.83	3	5	ND	1	706	.2	2	2	45	3.19	.056	7	8	1.10	37	.01	2	.35	.03	.16	1	200
FX 479772	3	14	5	23	12.8	6	5	338	1.59	5	35	ND	2	222	.2	2	2	15	.93	.022	3	5	.28	44	.01	2	.17	.02	.08	1	990
FX 479773	1	2	15	19	.1	5	1	300	.64	2	5	ND	9	201	.2	2	2	12	1.04	.007	11	7	.19	16	.01	2	.12	.05	.08	1	93
FX 479774	1	3	12	21	.1	4	1	239	.75	2	5	ND	8	81	.2	2	2	9	.65	.006	9	6	.06	124	.01	2	.14	.05	.09	1	70
FX 479775	1	1	28	33	.1	3	2	349	1.43	2	5	ND	9	90	.2	2	2	12	1.09	.007	9	4	.07	27	.01	2	.14	.05	.08	1	75
FX 479776	1	2	10	34	.1	5	1	311	.90	2	5	ND	11	67	.2	2	2	10	.74	.007	9	7	.07	15	.01	2	.14	.06	.08	1	200
FX 479777	1	4	9	32	.1	4	1	283	.84	2	5	ND	10	67	.2	2	2	10	.75	.006	13	5	.07	16	.01	3	.15	.06	.09	1	320
FX 479778	1	2	9	28	.6	3	1	279	.82	2	5	ND	18	67	.2	2	2	9	.70	.009	17	2	.07	15	.01	3	.13	.05	.08	1	380
FX 479779	1	2	8	30	.1	4	1	289	.79	2	5	ND	16	55	.2	2	2	10	.59	.007	19	6	.06	15	.01	2	.12	.05	.09	1	310
FX 479780	1	4	19	33	.1	3	1	312	.94	2	5	ND	12	65	.2	2	2	10	.58	.007	14	4	.07	13	.01	2	.15	.04	.09	1	69
FX 479781	1	2	15	41	.1	3	1	377	.93	2	5	ND	11	72	.2	2	2	11	.73	.007	13	3	.08	15	.01	2	.14	.06	.09	1	78
FX 479782	2	2	10	31	.1	5	1	253	.73	2	5	ND	11	54	.2	2	2	12	.55	.008	15	7	.05	15	.01	2	.13	.06	.09	2	82
FX 479783	1	2	10	23	4.7	3	1	241	.63	2	5	ND	8	68	.2	2	2	9	.83	.007	11	5	.04	16	.01	2	.13	.06	.09	1	1010
FX 479784	1	2	36	46	1.5	4	1	383	.99	2	5	ND	12	77	.2	2	2	14	.82	.008	15	4	.07	16	.01	2	.14	.06	.09	1	120
FX 479785	2	6	13	53	2.6	6	1	417	1.05	2	5	ND	14	83	.2	2	3	12	.96	.008	13	6	.08	16	.01	2	.14	.05	.09	1	270
FX 479786	1	3	13	31	39.7	4	1	335	.82	2	5	ND	11	74	.2	2	2	9	.93	.007	12	6	.05	18	.01	2	.12	.05	.08	1	2000
FX 479787	1	2	35	32	3.6	3	1	300	.78	2	5	ND	8	107	.2	2	2	17	1.21	.006	11	3	.07	15	.01	2	.14	.04	.11	1	200
FX 479788	2	2	9	29	.1	5	1	216	.70	3	5	ND	14	51	.2	2	2	10	.37	.007	15	7	.05	14	.01	2	.13	.05	.07	1	230
FX 479789	1	3	18	26	28.3	4	1	258	.77	2	5	5	9	75	.2	2	2	7	.74	.007	13	5	.05	25	.01	2	.14	.06	.08	1	4690
FX 479790	1	1	55	30	2.2	3	1	306	.86	2	5	ND	11	96	.2	2	2	11	.87	.007	12	3	.07	11	.01	2	.13	.04	.09	1	510
FX 4[illegible]9791	2	2	17	25	.3	6	1	255	.65	2	5	ND	12	89	.2	2	2	8	.90	.008	14	7	.06	14	.01	2	.15	.05	.09	1	220
FX 479792	1	2	14	25	.1	4	1	240	.70	2	9	ND	14	67	.2	2	2	9	.64	.007	12	5	.06	14	.01	2	.15	.06	.09	1	200
FX [illegible]9793	1	2	22	36	.8	3	1	418	.89	2	5	ND	9	121	.2	2	2	12	1.48	.006	11	4	.07	11	.01	2	.14	.03	.09	1	84
STANDARD C/AU-R	18	60	40	129	7.4	70	32	1045	3.93	38	17	8	39	52	17.6	15	21	61	.47	.088	37	58	.87	176	.09	34	1.87	.06	.15	13	490

ACME ANALYTICAL

Inco Expl. & Tech. Services PROJECT 60513-82010 FILE # 91-2348

ACME ANALYTICAL

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 479794	1	2	9	32	7.2	7	1	249	.71	3	5	ND	12	67	.2	2	2	8	.60	.006	14	7	.08	14	.01	2	.14	.05	.07	2	420
FX 479795	1	4	12	38	.3	6	1	476	.91	2	5	ND	14	117	.2	2	2	13	.80	.005	14	5	.12	13	.01	2	.17	.04	.10	1	81
FX 479796	1	1	14	27	.4	5	1	209	.58	2	5	ND	12	58	.2	2	3	7	.44	.007	13	3	.06	13	.01	2	.13	.04	.07	1	49
FX 479797	2	4	14	25	.7	9	1	161	.57	2	5	ND	9	41	.2	2	2	5	.30	.003	13	8	.04	16	.01	3	.14	.06	.07	1	180
FX 479798	1	3	9	30	.5	3	1	228	.64	2	9	ND	12	59	.2	2	2	7	.52	.008	14	4	.06	15	.01	2	.14	.06	.08	1	38
FX 479799	1	4	7	30	.2	4	1	208	.63	2	5	ND	14	62	.2	2	2	8	.48	.004	14	4	.06	15	.01	3	.14	.05	.08	1	170
FX 479800	1	4	11	32	5.6	6	1	232	.64	2	5	ND	11	62	.2	2	2	8	.55	.006	14	7	.06	15	.01	3	.15	.05	.07	1	330
FX 479801	1	3	21	25	1.7	5	1	176	.54	2	5	ND	18	50	.2	2	2	7	.44	.004	18	5	.05	16	.01	2	.14	.06	.06	1	74
FX 479802	1	1	9	37	.4	6	1	152	.69	2	5	ND	11	42	.2	2	2	10	.19	.006	16	4	.08	17	.01	2	.16	.06	.06	1	55
FX 479803	2	3	11	33	3.3	7	1	127	.65	2	5	ND	13	38	.2	2	2	9	.17	.004	15	6	.07	17	.01	2	.16	.06	.07	2	250
FX 479804	1	4	13	33	1.6	4	1	157	.67	2	5	ND	11	47	.2	2	2	9	.36	.003	14	6	.06	18	.01	2	.16	.06	.07	1	53
FX 479805	1	3	9	29	3.5	4	1	151	.60	2	5	ND	12	43	.2	2	2	9	.32	.004	13	2	.06	14	.01	2	.13	.06	.07	1	260
FX 479806	1	4	8	34	.2	6	1	155	.68	2	5	ND	10	39	.2	2	5	9	.18	.005	14	6	.07	15	.01	2	.13	.05	.06	2	69
FX 479807	1	4	10	32	.3	4	1	219	.67	2	5	ND	15	191	.2	2	2	12	.59	.006	14	2	.07	24	.01	2	.09	.04	.04	1	41
FX 479808	2	4	9	29	.3	5	1	163	.61	2	5	ND	13	60	.2	2	2	11	.39	.008	14	4	.07	14	.01	2	.13	.05	.06	1	39
FX 479809	1	1	8	35	.6	6	1	271	.67	3	5	ND	16	80	.2	2	2	11	.78	.006	16	5	.07	14	.01	2	.13	.05	.08	2	180
FX 479810	1	3	11	32	.3	6	1	277	.78	2	5	ND	14	73	.2	2	2	12	.71	.002	14	5	.07	15	.01	2	.13	.05	.08	1	72
FX 479811	1	1	6	29	.3	5	1	240	.60	2	5	ND	12	66	.2	2	2	9	.64	.006	14	4	.06	14	.01	3	.14	.06	.07	1	49
FX 479812	2	5	62	53	.4	9	2	285	.95	4	5	ND	10	60	.2	2	2	12	.36	.005	12	7	.10	12	.01	2	.14	.03	.07	1	28
FX 479813	1	6	8	35	.2	6	1	286	.78	2	5	ND	11	75	.2	2	2	11	.70	.005	13	6	.09	16	.01	2	.16	.06	.07	1	25
FX 479814	1	4	7	35	.3	3	1	265	.71	2	5	ND	10	83	.2	2	2	11	.64	.006	15	3	.09	14	.01	2	.14	.05	.07	1	45
FX 479815	1	3	8	37	.1	5	1	317	.70	2	5	ND	11	109	.2	2	2	15	.79	.005	13	6	.11	15	.01	3	.15	.06	.07	1	49
FX 479816	1	3	8	36	.3	5	1	318	.76	2	5	ND	12	71	.2	2	3	11	.64	.008	14	4	.07	15	.01	2	.14	.06	.07	1	23
FX 479817	3	3	15	31	.3	4	1	242	.64	2	5	ND	8	65	.2	2	2	9	.57	.006	13	3	.07	14	.01	3	.14	.05	.06	1	9
FX 479818	1	2	15	40	.2	5	1	398	.88	2	5	ND	11	69	.2	2	3	12	.57	.006	15	5	.10	13	.01	2	.13	.05	.06	1	13
FX 479819	1	1	17	39	.1	3	1	340	.73	2	5	ND	10	88	.2	2	2	11	.91	.007	13	4	.08	17	.01	2	.14	.06	.06	1	11
FX 479820	2	2	16	39	.1	3	1	334	.72	2	5	ND	10	97	.2	2	2	13	.88	.006	13	2	.09	15	.01	2	.13	.05	.07	1	18
FX 479821	2	1	12	41	.3	6	1	334	.80	2	5	ND	11	78	.2	3	2	12	.79	.007	16	9	.10	17	.01	2	.16	.06	.07	1	15
FX 479822	1	3	11	36	.2	4	1	314	.78	2	5	ND	13	83	.2	2	2	13	.82	.008	14	5	.08	15	.01	2	.14	.06	.07	1	36
FX 479823	1	1	12	34	.1	4	1	309	.73	2	5	ND	10	86	.2	2	3	13	.86	.007	14	3	.08	15	.01	2	.15	.06	.08	1	37
FX 479824	2	5	12	39	.2	7	1	408	.83	2	5	ND	12	96	.2	2	2	14	1.07	.008	14	6	.09	14	.01	2	.14	.06	.08	2	27
FX 479825	1	7	18	37	.2	3	1	419	.83	2	5	ND	13	122	.2	2	2	14	1.41	.003	14	4	.09	15	.01	2	.15	.05	.08	1	20
STANDARD C/AU-R	18	58	40	134	7.2	68	33	1067	3.92	38	25	6	39	52	18.5	14	19	56	.48	.087	40	59	.83	171	.09	34	1.88	.06	.15	13	510

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Inco Expl. & Tech. Services PROJECT 60513-82010 File # 91-2336 Page 1

2690 - 666 Burrard St., Vancouver BC V6C 2X8 Submitted by: DENNIS BOHME

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 479826	1	7	4	27	.3	8	7	443	3.02	3	5	ND	5	113	.2	2	2	66	2.28	.069	5	13	1.10	23	.08	2	1.24	.05	.09	1	9
FX 479827	1	7	2	19	.3	5	5	452	2.55	2	5	ND	3	143	.4	2	2	60	4.33	.068	6	8	1.03	20	.08	2	1.18	.05	.09	1	1
FX 479828	1	12	2	15	.1	7	5	273	2.22	3	5	ND	5	157	.6	2	2	65	2.47	.078	4	9	.81	25	.13	3	1.08	.07	.08	1	2
FX 479829	1	15	2	23	.3	8	6	380	3.03	3	5	ND	4	101	.3	2	2	68	2.12	.074	5	8	1.09	28	.14	3	1.28	.06	.10	1	1
FX 479830	1	8	2	23	.4	7	7	477	3.14	2	5	ND	4	111	.5	2	2	69	2.82	.072	8	10	1.18	21	.12	3	1.38	.04	.10	1	1
FX 479831	1	8	2	22	.4	7	6	363	2.80	2	5	ND	4	137	.2	2	2	74	2.80	.076	6	9	1.08	24	.14	2	1.22	.06	.09	1	2
FX 479832	1	75	2	34	.6	7	8	417	3.05	2	5	ND	4	136	.6	2	2	68	2.31	.073	5	9	1.13	23	.15	2	1.34	.05	.10	1	1
FX 479833	1	11	3	28	.5	8	6	443	3.01	2	5	ND	3	128	.4	2	2	69	2.67	.071	7	11	1.11	26	.14	2	1.33	.05	.12	1	2
FX 479834	1	10	4	29	.5	8	5	365	2.62	3	5	ND	4	159	.2	2	2	73	2.62	.077	5	9	1.07	22	.14	3	1.25	.05	.10	1	9
FX 479835	1	16	3	35	.6	7	5	457	2.75	2	5	ND	4	164	.5	2	2	66	2.95	.073	7	9	1.34	23	.15	2	1.50	.05	.12	1	8
FX 479836	2	36	2	55	1.3	8	7	641	4.20	7	5	ND	6	236	.9	2	2	94	3.21	.076	6	10	1.88	20	.18	2	2.10	.03	.11	1	60
FX 479837	1	335	2	53	3.3	8	30	1007	4.77	8	5	ND	4	535	1.7	2	4	165	9.88	.266	6	21	2.32	9	.06	2	2.12	.03	.02	1	160
FX 479838	1	172	2	51	2.1	8	29	699	4.76	6	5	ND	3	370	1.4	2	2	146	6.12	.228	4	22	2.30	9	.05	2	1.88	.04	.02	1	400
FX 479839	1	13	6	33	.5	7	5	418	2.68	3	5	ND	5	176	.5	2	2	67	2.96	.091	4	12	1.11	24	.13	2	1.17	.08	.08	1	220
FX 479840	1	27	2	26	.7	8	5	433	2.64	3	5	ND	5	232	.4	2	2	68	4.23	.067	6	10	1.18	26	.13	2	1.32	.06	.09	1	21
FX 479841	1	19	2	27	.5	9	7	402	2.83	2	5	ND	5	153	.6	2	2	70	2.47	.067	5	11	1.08	24	.13	2	1.21	.05	.10	1	29
FX 479842	1	30	3	25	.5	9	7	402	2.85	4	5	ND	4	148	.7	2	2	70	2.49	.060	7	12	1.10	21	.10	2	1.21	.05	.09	1	4
FX 479843	1	24	2	21	.6	8	6	361	2.97	3	5	ND	6	140	.9	2	2	72	2.44	.062	5	12	1.15	24	.10	2	1.28	.06	.09	1	10
FX 479844	1	10	2	16	.5	7	6	372	2.75	2	5	ND	6	155	1.0	2	2	52	3.33	.071	8	11	1.10	17	.06	2	1.28	.03	.10	1	3
FX 479845	1	10	2	23	.4	10	7	390	2.94	2	5	ND	8	140	.7	2	2	64	2.68	.062	10	13	1.07	25	.05	2	1.22	.05	.13	1	2
FX 479846	1	12	3	19	.4	9	5	332	2.57	2	5	ND	5	193	.4	2	2	62	2.78	.062	6	13	1.06	24	.08	2	1.18	.05	.10	1	1
FX 479847	1	20	4	26	.4	8	6	307	2.88	2	5	ND	6	168	.3	2	2	56	2.73	.060	6	12	1.15	31	.07	2	1.31	.05	.11	1	4
FX 479848	1	48	3	89	1.3	8	27	618	5.19	3	5	ND	8	225	.7	2	2	60	3.28	.054	7	14	1.75	47	.03	2	2.42	.01	.30	1	1
FX 479849	2	63	2	68	1.4	10	17	575	4.93	2	5	ND	6	168	.7	2	2	52	2.91	.068	10	13	1.57	39	.03	2	2.10	.01	.30	1	1
FX 479850	2	26	4	42	.6	8	8	469	3.69	3	5	ND	7	108	.6	2	2	47	1.65	.055	9	11	1.15	32	.04	2	1.54	.03	.20	1	8
FX 479851	1	16	3	31	.3	7	8	428	3.00	2	5	ND	6	103	.5	2	2	53	1.71	.054	11	11	1.01	30	.05	2	1.27	.04	.15	1	1
FX 479852	1	7	2	32	.3	9	8	448	3.12	2	5	ND	4	130	.6	2	2	53	2.11	.060	10	12	.96	33	.02	2	1.27	.04	.16	1	1
FX 479853	2	38	2	44	.8	9	9	464	3.35	2	5	ND	4	174	.5	2	2	43	2.66	.049	10	11	1.06	32	.02	2	1.50	.03	.23	1	1
FX 479854	2	59	2	97	1.6	7	16	641	6.51	2	5	ND	5	159	.9	2	3	42	1.87	.052	5	12	1.88	136	.06	2	3.14	.02	.64	1	210
FX 479855	1	190	4	47	2.3	5	9	408	4.16	2	5	ND	4	226	.7	2	2	45	2.85	.053	8	8	.86	35	.02	2	1.61	.01	.29	1	330
FX 479856	1	41	4	41	1.0	7	8	450	3.10	3	5	ND	4	300	.7	2	2	29	4.07	.040	7	9	.81	25	.01	2	1.30	.01	.22	1	310
FX 479857	4	43	2	39	1.9	8	7	500	3.40	2	5	ND	7	452	.4	2	2	34	5.00	.050	8	11	.80	25	.01	2	1.33	.02	.22	1	870
FX 479858	2	124	2	93	2.2	9	21	856	7.91	4	5	ND	6	260	2.2	2	2	90	3.34	.125	7	10	2.00	35	.03	2	3.05	.01	.26	1	200
FX 479859	3	94	2	66	9.0	7	18	539	6.03	5	5	ND	5	252	1.4	2	2	87	3.18	.126	8	11	1.33	43	.04	2	1.74	.04	.26	1	1060
FX 479860	1	22	2	23	2.2	9	5	335	2.52	2	5	ND	5	173	1.2	2	2	47	1.99	.059	7	12	.83	44	.03	2	1.13	.05	.20	1	770
FX 479861	1	16	4	29	.4	9	6	387	2.62	2	5	ND	5	187	.2	2	2	52	2.23	.060	10	11	.93	52	.02	2	1.26	.04	.15	1	220
STANDARD C/AU-R	18	61	38	132	7.3	71	32	1039	3.97	37	17	8	40	52	17.3	15	22	59	.46	.088	38	58	.88	178	.09	32	1.89	.06	.15	12	510

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 ACID LEACH/AA FROM 20 GM SAMPLE.

DATE RECEIVED: JUL 8 1991 **DATE REPORT MAILED:** July 10/91. **SIGNED BY**.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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 479862	1	38	3	33	.2	7	6	509	3.07	2	7	ND	6	185	.6	2	2	59	1.88	.072	6	12	1.04	71	.02	2	1.36	.05	.20	1	200
FX 479863	1	32	2	60	.4	9	10	647	4.48	2	8	ND	9	169	.4	2	2	62	1.58	.059	7	12	1.36	169	.09	2	2.10	.04	.72	1	180
FX 479864	1	39	2	96	.1	9	14	825	6.13	5	7	ND	12	199	.5	2	2	74	1.62	.078	6	12	1.94	352	.16	2	3.41	.06	1.72	1	10
FX 479865	1	75	2	77	4.7	11	17	677	6.48	9	5	5	9	339	1.5	5	2	72	2.38	.093	5	13	1.42	243	.07	2	2.54	.02	.67	1	1190
FX 479866	1	23	2	50	.9	7	12	711	5.01	4	11	ND	10	390	.7	2	2	41	1.87	.044	7	6	1.10	58	.01	2	1.73	.02	.25	1	170
FX 479867	1	7	2	19	4.2	5	6	772	1.93	2	11	ND	7	895	.2	2	2	23	7.26	.032	6	6	.46	331	.01	2	.66	.02	.16	1	910
FX 479868	1	11	3	23	2.1	11	7	539	2.40	3	5	ND	8	457	.2	2	4	30	4.13	.043	7	9	.62	24	.01	2	.92	.04	.13	1	470
FX 479869	2	15	2	26	5.2	9	7	521	2.47	2	8	4	8	422	.2	2	2	30	3.75	.044	7	11	.63	24	.01	2	.90	.03	.18	1	2320
FX 479870	1	30	2	29	.3	12	6	466	2.61	2	5	ND	9	311	.2	2	2	38	1.95	.051	11	10	.71	225	.01	2	.88	.03	.19	1	93
FX 479871	1	22	4	36	.3	8	7	486	2.51	2	9	ND	10	250	.2	2	5	37	2.23	.050	10	9	.65	46	.01	2	.86	.04	.18	1	31
FX 479872	1	26	4	41	.1	7	8	491	2.55	2	5	ND	8	220	.3	2	2	37	1.65	.052	14	7	.77	30	.01	2	1.03	.04	.17	2	29
FX 479873	2	25	2	28	.5	11	8	518	2.31	2	5	ND	9	304	.3	2	2	35	2.60	.045	11	9	.60	21	.01	2	.71	.04	.14	1	48
FX 479874	1	26	2	43	.2	8	8	706	2.89	3	5	ND	9	450	.3	2	2	34	3.62	.047	12	7	.82	26	.01	2	.87	.03	.14	1	76
FX 479875	1	41	2	71	.4	11	11	997	4.81	2	5	ND	7	625	.9	3	2	44	4.40	.049	2	9	1.24	107	.02	2	1.43	.03	.19	1	85
FX 479876	1	10	2	28	.6	7	5	431	2.34	2	5	ND	7	262	.2	2	2	40	2.18	.042	9	7	.54	46	.01	2	.82	.03	.16	1	85
FX 479877	1	5	3	20	.7	9	5	474	2.07	2	5	ND	8	450	.2	2	2	28	3.14	.042	7	9	.47	24	.01	2	.34	.03	.16	1	190
FX 479878	1	17	4	25	.1	8	7	403	2.34	2	5	ND	9	445	.2	4	3	27	2.01	.046	10	6	.62	42	.01	2	.35	.03	.19	1	250
FX 479879	1	6	4	27	.2	6	6	538	2.42	2	9	ND	9	643	.2	2	2	29	3.41	.044	7	5	.91	29	.01	2	.27	.03	.16	1	17
FX 479880	1	16	2	24	.2	10	7	378	2.30	2	8	ND	10	334	.2	4	2	28	1.72	.043	9	9	.54	26	.01	2	.32	.03	.19	1	49
FX 479881	4	7	2	33	.1	11	8	443	2.83	2	6	ND	9	359	.2	2	2	33	1.64	.048	9	9	.72	30	.01	2	.38	.03	.20	1	46
FX 479882	1	15	3	30	.4	9	6	420	2.07	2	5	ND	13	337	.2	2	2	22	2.41	.035	7	5	.45	21	.01	2	.29	.03	.18	1	68
FX 479883	2	13	5	39	.1	6	8	518	2.76	2	5	ND	8	405	.2	2	2	29	2.17	.042	6	8	.76	28	.01	2	.31	.03	.15	1	63
FX 479884	1	19	2	29	.4	7	8	404	2.43	2	6	ND	10	303	.2	2	2	30	1.43	.042	10	7	.55	25	.01	2	.32	.03	.18	1	170
FX 479885	2	12	4	21	.3	9	6	433	2.00	2	5	ND	8	512	.2	2	2	24	2.27	.037	9	9	.78	46	.01	2	.26	.04	.14	1	80
FX 479886	2	60	9	52	2.6	4	11	558	3.04	4	32	2	5	406	.2	3	2	35	1.88	.068	4	6	.69	52	.01	2	.25	.02	.13	1	1380
FX 479887	1	5	11	29	4.2	6	3	237	1.26	2	10	ND	11	198	.2	2	4	15	.58	.011	8	7	.23	15	.01	2	.15	.04	.08	1	540
FX 479888	1	7	14	20	2.0	7	1	123	.69	2	5	ND	11	33	.2	2	5	4	.10	.006	15	6	.03	16	.01	2	.16	.05	.10	1	250
FX 479889	2	8	13	17	2.4	8	1	147	.72	6	7	ND	12	62	.2	2	2	5	.17	.005	13	7	.08	16	.01	2	.15	.05	.11	1	100
FX 479890	2	10	21	22	61.0	5	1	181	.72	2	5	2	13	36	.2	2	2	5	.09	.006	14	4	.08	16	.01	2	.17	.04	.10	1	5200
FX 479891	2	3	14	26	1.3	1	1	163	.61	2	5	ND	16	28	.2	2	4	4	.06	.005	16	3	.06	14	.01	3	.15	.06	.08	1	240
FX 479892	3	1	15	24	1.9	3	1	129	.58	3	5	ND	16	31	.2	2	2	3	.08	.009	14	6	.05	17	.01	2	.16	.07	.08	1	110
FX 479893	2	9	23	19	20.0	6	1	114	.60	2	5	ND	9	42	.2	2	2	5	.13	.002	8	6	.05	11	.01	2	.11	.04	.08	1	450
FX 479894	2	1	21	35	3.1	3	1	170	.63	2	5	ND	13	26	.3	2	2	5	.05	.008	12	5	.06	17	.01	2	.17	.08	.08	1	810
FX 479895	6	4	23	32	2.8	6	1	196	.74	2	5	ND	21	32	.2	2	2	6	.07	.009	15	5	.07	15	.01	4	.15	.06	.09	1	920
FX 479896	1	4	13	33	.2	1	1	197	.65	2	5	ND	13	26	.2	2	3	6	.06	.008	15	4	.07	16	.01	2	.16	.07	.07	1	45
FX 479897	3	4	24	29	4.2	5	1	156	.71	3	5	ND	12	34	.2	2	2	7	.06	.008	12	8	.06	12	.01	2	.15	.04	.12	1	390
STANDARD C/AU-R	17	58	39	133	7.1	70	33	1064	3.93	38	21	6	41	52	18.7	14	21	56	.48	.090	39	58	.84	172	.09	31	1.89	.06	.15	11	520

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 479898	1	5	16	36	2.0	4	1	204	.80	6	9	ND	11	36	.2	2	2	8	.09	.006	14	6	.09	16	.01	2	.15	.05	.10	2	630
FX 479899	1	6	12	23	4.6	6	1	134	.60	6	5	ND	10	26	.2	2	2	5	.05	.005	14	4	.05	15	.01	2	.15	.05	.09	1	470
FX 479900	1	1	10	18	5.5	5	1	107	.53	7	9	ND	9	36	.2	3	6	5	.11	.007	7	7	.04	12	.01	2	.12	.04	.08	1	1800
FX 479901	2	6	8	24	5.2	5	1	110	.59	7	5	ND	11	27	.2	2	2	5	.08	.008	14	4	.05	19	.01	2	.17	.07	.09	1	940
FX 479902	2	2	16	32	1.1	6	1	152	.82	7	5	ND	15	37	.2	2	2	8	.07	.009	14	8	.06	16	.01	2	.15	.05	.11	2	210
FX 479903	1	4	6	26	.3	7	2	157	.80	5	5	ND	14	31	.2	2	2	8	.07	.009	17	5	.08	17	.01	2	.17	.07	.10	1	40
FX 479904	1	1	11	25	2.5	1	1	138	.74	7	5	ND	11	31	.2	2	3	10	.07	.006	17	5	.07	19	.01	2	.17	.07	.11	2	210
FX 479905	2	1	8	29	32.0	3	1	158	.72	4	6	ND	14	34	.2	3	2	10	.09	.007	15	3	.08	15	.01	2	.15	.06	.09	1	1840
FX 479906	1	4	8	38	8.3	7	2	206	.83	4	6	2	12	37	.2	2	2	11	.09	.007	17	8	.10	16	.01	2	.15	.06	.10	1	1260
FX 479907	1	8	11	33	2.1	5	1	169	.78	5	5	ND	12	33	.2	2	4	8	.08	.007	16	5	.07	18	.01	2	.16	.07	.08	1	780
FX 479908	1	1	42	29	3.1	4	1	157	.75	5	7	ND	11	35	.2	2	2	8	.09	.004	14	4	.07	16	.01	2	.15	.05	.10	1	1220
FX 479909	1	1	16	52	.8	6	1	305	1.11	5	5	ND	12	71	.2	2	2	15	.16	.008	17	6	.16	15	.01	2	.16	.04	.11	1	260
FX 479910	2	6	25	43	2.8	8	2	233	.91	3	5	ND	15	76	.2	2	2	14	.20	.011	17	7	.13	16	.01	2	.14	.05	.09	1	270
FX 479911	1	6	15	41	10.1	3	1	191	.77	4	5	ND	13	42	.3	3	2	12	.14	.013	16	4	.08	18	.01	4	.16	.06	.09	1	850
FX 479912	1	6	12	40	.7	2	1	220	.90	7	5	ND	17	31	.2	2	2	11	.11	.005	16	5	.08	19	.01	3	.16	.07	.11	1	36
FX 479913	1	4	47	38	9.0	3	1	179	.82	5	5	ND	11	30	.2	2	2	12	.11	.006	15	3	.08	16	.01	3	.16	.06	.09	1	1020
FX 479914	2	7	10	37	2.5	7	1	168	.79	5	5	4	18	44	.3	2	2	14	.16	.015	18	8	.08	17	.01	3	.17	.07	.11	1	1600
FX 479915	1	5	11	43	1.3	4	2	317	.93	5	5	ND	15	77	.2	2	2	16	.31	.011	16	5	.13	18	.01	2	.16	.06	.09	1	410
FX 479916	1	4	10	36	.3	4	1	212	.73	6	5	ND	12	59	.2	2	2	14	.24	.008	15	5	.10	18	.01	2	.15	.06	.09	1	41
FX 479917	1	6	9	33	.2	7	1	202	.66	4	5	ND	13	57	.2	2	2	11	.46	.006	15	8	.07	17	.01	2	.15	.07	.09	1	38
FX 479918	1	3	8	33	.6	7	1	268	.68	4	5	ND	15	66	.2	2	2	11	.81	.008	14	9	.06	16	.01	2	.14	.06	.08	1	190
FX 479919	1	4	10	34	.4	7	1	370	.89	2	5	ND	15	71	.2	2	2	12	.98	.006	14	5	.07	14	.01	2	.14	.05	.08	1	210
FX 479920	1	5	6	35	.7	4	1	290	.77	2	5	ND	16	52	.2	2	2	12	.57	.011	16	5	.07	17	.01	2	.15	.06	.08	1	37
FX 479921	1	5	34	32	5.6	6	1	226	.63	3	5	ND	16	57	.2	2	2	12	.47	.008	17	4	.08	16	.01	2	.15	.06	.08	1	480
FX 479922	15	4	50	52	30.4	6	2	363	1.02	5	5	ND	14	72	.4	2	6	17	.68	.007	12	8	.11	14	.01	2	.12	.03	.07	1	550
FX 479923	1	2	12	42	2.1	4	1	320	.86	3	5	ND	17	47	.2	2	2	12	.49	.009	15	3	.09	15	.01	2	.15	.05	.09	1	460
FX 479924	1	7	11	36	.4	8	1	237	.83	5	5	ND	16	54	.2	2	3	13	.61	.009	18	7	.08	15	.01	2	.15	.06	.10	1	84
FX 479925	1	5	15	37	3.0	5	1	164	.75	2	5	ND	13	45	.2	2	2	12	.35	.008	13	4	.07	16	.01	2	.14	.05	.08	1	260
FX 479926	1	6	44	44	1.0	7	1	199	.71	4	5	ND	12	58	.2	2	7	12	.72	.007	13	7	.05	16	.01	2	.13	.05	.09	2	220
FX 479927	1	8	35	44	.3	5	2	425	1.14	3	5	ND	19	82	.2	2	2	16	.76	.007	15	5	.09	16	.01	2	.15	.06	.10	1	52
FX 479928	1	5	11	35	1.9	5	1	357	.84	2	5	ND	15	66	.2	2	5	11	.75	.006	14	5	.07	15	.01	2	.14	.06	.09	2	210
FX 479929	1	9	9	47	.5	3	2	483	1.07	3	5	ND	16	101	.2	2	2	17	1.25	.007	14	5	.09	16	.01	3	.15	.06	.09	1	230
FX 479930	1	6	19	36	.5	5	1	306	.79	3	5	ND	13	71	.2	2	2	14	.73	.007	13	8	.07	13	.01	2	.13	.05	.08	2	170
FX 479931	1	2	12	36	.2	4	1	341	.77	2	5	ND	13	80	.2	2	2	12	.82	.004	14	5	.09	15	.01	2	.14	.06	.10	1	45
FX 479932	1	7	11	39	.3	3	1	380	.79	2	5	ND	15	83	.2	2	2	12	.91	.007	15	4	.09	15	.01	2	.14	.06	.07	2	200
FX 479933	1	4	13	39	.4	4	2	343	.94	2	5	ND	13	79	.2	2	2	12	.83	.003	13	4	.10	15	.01	2	.14	.05	.10	2	270
STANDARD C/AU-R	18	62	38	132	7.0	69	34	1054	3.95	37	15	6	40	52	18.7	15	17	57	.48	.089	40	58	.88	177	.09	31	1.93	.06	.16	12	540

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 479934	2	2	13	43	.3	7	1	315	.78	2	5	ND	13	97	.2	2	2	11	.91	.006	13	6	.09	15	.01	2	.12	.04	.06	1	78
FX 479935	1	1	12	31	.7	6	1	332	.94	2	5	ND	12	99	.2	2	2	10	1.12	.007	13	4	.08	13	.01	2	.14	.05	.05	1	270
FX 479936	1	2	11	38	.3	4	1	385	.85	2	5	ND	13	91	.2	2	2	11	1.00	.008	16	4	.08	17	.01	4	.14	.06	.08	1	69
FX 479937	3	2	9	38	.5	3	1	322	.83	2	6	ND	15	84	.2	2	2	11	.84	.008	16	4	.08	18	.01	6	.16	.06	.08	1	410
FX 479938	2	5	9	38	.5	7	1	308	.82	2	5	ND	13	83	.2	2	2	11	.86	.006	15	7	.08	15	.01	2	.14	.05	.08	2	280
FX 479939	1	2	9	34	.2	5	1	373	.99	2	5	ND	13	84	.2	2	2	11	.86	.006	16	4	.09	17	.01	7	.16	.06	.08	1	51
FX 479940	8	4	21	39	.9	3	1	490	1.26	2	5	ND	13	83	.2	2	2	13	.99	.004	17	5	.12	16	.01	2	.17	.05	.07	1	110
FX 479941	1	5	12	39	.5	5	1	362	1.00	2	5	ND	13	74	.2	2	3	12	.84	.009	14	4	.09	16	.01	2	.15	.05	.08	1	97
FX 479942	2	5	10	31	.8	5	1	380	.74	2	5	ND	13	120	.2	2	2	10	1.59	.006	12	6	.07	13	.01	2	.13	.05	.07	2	110
FX 479943	1	5	9	33	.3	4	1	267	.72	2	5	ND	14	61	.2	2	2	10	.68	.009	15	4	.07	14	.01	2	.14	.05	.09	1	38
FX 479944	2	4	16	36	.5	5	1	328	.82	2	5	ND	9	81	.2	2	2	12	.97	.007	10	6	.08	14	.01	2	.15	.05	.08	1	140
FX 479945	2	3	12	38	.4	6	1	350	.89	2	5	ND	11	83	.2	2	2	13	.98	.006	15	4	.09	14	.01	2	.13	.05	.07	1	31
FX 479946	2	1	17	37	.3	7	1	333	.81	2	5	ND	11	83	.2	2	2	12	.89	.007	14	8	.09	15	.01	2	.14	.05	.07	1	57
FX 479947	1	1	23	37	.3	4	1	379	.92	2	5	ND	10	108	.2	2	2	18	1.06	.007	12	4	.12	15	.01	3	.16	.04	.07	1	24
FX 479948	1	5	17	19	.2	4	1	330	.55	2	5	ND	7	145	.2	2	3	8	1.72	.001	6	5	.04	10	.01	2	.12	.03	.05	1	32
FX 479949	1	1	16	35	.2	2	1	360	.73	2	5	ND	11	97	.2	2	3	10	1.06	.006	13	3	.07	12	.01	3	.12	.05	.06	1	49
FX 479950	2	4	17	41	.3	4	1	365	.78	2	5	ND	11	80	.2	2	2	11	.94	.006	14	6	.08	13	.01	2	.12	.05	.06	1	220
FX 479951	1	1	8	35	.3	2	1	333	.76	2	5	ND	12	105	.2	2	3	10	1.05	.008	15	4	.07	13	.01	2	.14	.05	.08	1	28
FX 479952	2	2	13	40	.1	4	1	372	1.19	3	5	ND	10	136	.2	2	2	16	1.22	.004	13	5	.13	12	.01	2	.16	.04	.06	1	21
FX 479953	2	1	13	35	.3	6	1	461	.89	3	5	ND	12	119	.2	2	2	11	1.49	.007	14	6	.07	14	.01	2	.16	.05	.09	1	11
FX 479954	2	2	13	41	.2	3	1	378	1.01	3	5	ND	14	124	.2	2	2	14	1.25	.008	13	6	.09	14	.01	2	.14	.04	.06	1	21
STANDARD C/AU-R	18	57	36	132	7.3	71	32	1040	3.92	39	18	6	40	52	18.9	15	20	57	.47	.088	38	58	.84	175	.09	34	1.92	.06	.16	11	490

ACME ANA[illegible]ICAL LABORATORIES LTD. 852 E. HASTINGS ST. V[illegible]COUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX [illegible]1)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Inco Expl. & Tech. Services PROJECT 60513-82010 File # 91-2390 Page 1

2690 - 666 Burrard St., Vancouver BC V6C 2X8 Submitted by: DENNIS BOHME

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 479955	1	12	10	42	.5	14	9	551	3.66	5	5	ND	5	110	.5	2	2	80	2.14	.084	8	20	1.47	45	.15	3	1.68	.09	.12	1	11
FX 479956	1	11	5	27	.3	8	9	549	3.72	2	5	ND	5	127	.2	2	2	76	2.95	.084	8	15	1.32	45	.15	2	1.84	.10	.17	1	6
FX 479957	1	25	3	36	.4	9	9	624	3.76	2	5	ND	6	183	.6	2	2	76	3.43	.079	8	17	1.43	46	.17	2	1.97	.09	.18	1	6
FX 479958	1	15	3	41	.5	8	9	630	3.79	2	5	ND	6	242	.9	2	2	78	3.69	.084	10	20	1.49	60	.18	2	2.39	.13	.24	1	4
FX 479959	1	8	2	38	.2	8	10	668	4.11	4	5	ND	6	208	1.3	2	2	88	3.65	.090	9	9	1.45	44	.19	2	2.36	.10	.14	1	3
FX 479960	1	10	2	33	.3	9	9	621	3.73	3	5	ND	4	187	.8	2	2	89	3.03	.089	6	19	1.23	52	.18	2	1.72	.13	.13	1	4
FX 479961	1	10	5	35	.2	7	9	600	3.59	2	5	ND	5	286	.9	2	2	82	4.43	.085	8	16	1.23	52	.16	2	1.78	.13	.17	1	4
FX 479962	1	11	4	37	.2	8	9	496	3.73	4	5	ND	5	121	.7	2	2	86	2.17	.090	4	17	1.21	53	.15	3	1.60	.12	.14	1	1
FX 479963	1	46	3	37	.2	9	9	494	3.40	2	5	ND	4	154	.5	2	2	74	3.35	.082	7	11	1.41	34	.12	2	1.64	.06	.13	1	2
FX 479964	1	19	5	36	.2	8	11	539	3.60	4	5	ND	5	166	1.0	2	2	76	3.53	.080	6	14	1.49	34	.13	2	1.84	.07	.11	1	1
FX 479965	1	11	8	31	.2	8	8	474	3.11	3	5	ND	4	213	.9	2	2	62	4.03	.075	7	11	1.35	37	.13	2	1.70	.05	.15	1	4
FX 479966	1	9	4	26	.1	8	6	421	2.95	2	5	ND	4	245	1.3	2	2	69	4.56	.077	7	15	1.41	31	.13	3	1.66	.06	.11	1	3
FX 479967	1	75	5	29	.3	7	6	325	2.64	3	5	ND	6	196	1.1	2	2	69	3.31	.087	6	16	1.21	52	.15	3	1.49	.12	.10	1	3
FX 479968	1	22	4	26	.2	8	5	344	3.69	4	5	ND	6	207	.9	2	2	68	3.78	.081	3	14	1.46	33	.12	2	1.67	.06	.10	1	2
FX 479969	1	14	7	19	.1	11	5	288	2.89	3	5	ND	8	205	.9	2	2	67	3.81	.079	8	16	1.62	33	.08	2	1.70	.06	.12	1	2
FX 479970	1	12	6	30	.1	9	7	412	3.45	2	5	ND	6	181	.2	2	2	81	3.86	.083	6	19	1.48	35	.10	2	1.74	.08	.11	1	1
FX 479971	1	7	2	29	.1	9	7	460	3.22	2	5	ND	5	193	.2	2	2	66	3.68	.082	8	14	1.38	33	.07	2	1.66	.06	.14	1	1
FX 479972	1	8	2	30	.1	11	9	555	3.63	2	5	ND	4	198	.3	2	2	79	3.57	.088	9	16	1.38	39	.09	2	1.62	.07	.12	1	1
FX 479973	1	7	5	31	.1	9	8	558	3.40	2	5	ND	4	170	.3	2	2	72	3.23	.081	7	17	1.30	37	.07	2	1.58	.08	.13	1	2
FX 479974	1	23	3	36	.1	9	8	579	3.59	2	5	ND	4	172	.6	2	2	64	3.86	.074	9	16	1.51	31	.03	2	1.78	.05	.15	1	1
FX 479975	1	20	5	33	.1	12	9	523	3.26	2	5	ND	5	140	.2	2	2	65	3.25	.074	8	22	1.34	35	.04	2	1.55	.06	.13	1	2
FX 479976	1	8	3	38	.1	9	8	542	3.26	2	5	ND	5	168	.3	2	2	63	3.43	.078	10	15	1.39	32	.03	2	1.60	.06	.12	1	4
FX 479977	1	8	4	32	.1	10	8	517	3.30	2	5	ND	5	164	.2	2	2	68	2.92	.080	8	24	1.44	32	.05	2	1.62	.06	.11	1	1
FX 479978	1	25	6	47	.5	9	9	609	4.13	3	5	ND	8	342	.5	2	2	95	5.56	.077	5	19	1.75	34	.02	2	1.90	.05	.08	1	200
FX 479979	1	36	4	46	16.4	7	10	436	3.67	5	5	ND	4	237	.6	2	2	40	3.22	.051	6	11	1.12	32	.01	2	1.50	.02	.17	1	750
FX 479980	3	20	4	29	15.1	6	7	428	2.54	3	5	4	4	460	.2	2	2	22	4.98	.029	24	8	.50	20	.01	2	.83	.01	.15	1	660
FX 479981	3	76	7	59	.9	9	8	568	3.11	3	11	ND	4	161	1.0	2	2	22	3.91	.062	13	11	.64	17	.01	2	1.23	.01	.27	2	200
FX 479982	2	62	2	47	.7	6	7	540	2.67	2	5	ND	5	160	.6	2	2	21	4.27	.060	13	12	.54	35	.01	3	1.24	.03	.29	1	30
FX 479983	2	30	6	54	.4	7	9	702	3.21	2	5	ND	6	169	1.0	2	2	27	4.38	.057	13	11	.81	21	.01	2	1.37	.03	.25	1	16
FX 479984	1	28	7	40	.2	10	11	555	3.41	2	5	ND	5	145	.2	2	2	61	2.21	.071	10	15	1.08	41	.05	2	1.38	.05	.20	1	5
FX 479985	1	17	5	46	.8	9	11	535	3.55	2	5	ND	4	146	.3	2	2	59	2.02	.070	10	14	1.08	37	.03	2	1.49	.06	.22	1	10
FX 479986	1	24	5	39	.6	8	10	621	3.26	5	5	ND	4	250	.2	2	2	45	4.16	.064	12	12	.83	25	.01	2	1.27	.04	.20	1	3
FX 479987	1	37	4	49	.3	12	13	672	3.96	2	5	ND	4	147	.6	2	2	66	2.20	.077	10	17	1.33	39	.01	2	1.75	.05	.15	1	290
FX 479988	1	19	3	45	.1	8	10	584	3.24	2	5	ND	5	132	.8	2	2	53	2.30	.066	11	13	1.10	31	.01	2	1.50	.05	.16	1	11
FX 479989	1	27	6	31	.7	7	8	544	2.55	2	5	ND	7	189	.2	2	2	35	3.17	.048	9	12	.83	23	.01	3	1.19	.04	.15	1	50
FX 479990	1	15	3	37	.4	8	9	806	3.02	4	5	ND	5	339	.7	2	2	46	6.61	.059	13	14	.94	19	.01	2	1.31	.04	.15	1	77
STANDARD C/AU-R	18	59	37	133	7.6	70	32	1040	3.96	36	20	7	39	52	17.6	15	21	55	.48	.087	37	58	.89	177	.09	33	1.88	.06	.15	12	530

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 ACID LEACH/AA FROM 20 GM SAMPLE.

DATE RECEIVED: JUL 9 1991 **DATE REPORT MAILED:** July 12/91. **SIGNED BY**.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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 479991	1	15	5	52	.2	8	11	695	3.59	2	5	ND	5	183	.6	2	2	63	2.69	.077	9	13	1.13	28	.04	2	1.48	.05	.14	1	6
FX 479992	1	42	6	54	.3	9	11	650	3.48	2	5	ND	4	128	.4	2	2	69	1.91	.075	8	15	1.24	33	.08	2	1.46	.06	.13	1	1
FX 479993	1	27	2	53	.2	10	10	665	3.60	2	5	ND	4	132	1.3	2	2	84	1.82	.078	6	19	1.24	44	.17	2	1.42	.09	.14	1	1
FX 479994	1	33	3	53	.2	8	11	706	3.53	2	5	ND	5	152	1.2	2	2	82	2.05	.077	6	17	1.20	41	.17	2	1.36	.08	.12	1	1
FX 479995	1	97	2	64	.3	10	15	729	3.93	3	5	ND	3	139	.6	2	2	87	1.65	.083	8	18	1.30	41	.17	2	1.54	.08	.10	1	3
FX 479996	1	31	7	59	.2	10	11	733	3.53	2	5	ND	5	153	1.0	2	2	83	2.29	.081	6	19	1.23	40	.17	2	1.40	.08	.13	1	1
FX 479997	1	39	2	54	.2	8	11	670	3.62	2	5	ND	4	140	1.4	2	2	84	1.81	.079	6	18	1.23	43	.18	2	1.41	.08	.12	1	1
FX 479998	1	58	5	56	.2	9	11	741	3.72	2	5	ND	4	164	1.8	2	2	86	2.11	.075	7	15	1.28	39	.16	2	1.43	.07	.10	1	1
FX 479999	1	35	3	52	.2	9	11	694	3.66	2	5	ND	3	138	1.2	2	2	86	1.81	.078	6	17	1.25	69	.17	2	1.42	.10	.16	1	1
FX 480000	1	58	2	56	.5	8	13	815	3.82	2	5	ND	3	187	.6	2	2	64	3.56	.079	10	13	1.28	25	.02	2	1.51	.05	.13	1	12
FX 483756	1	33	3	59	.3	8	12	818	3.90	2	5	ND	4	182	.4	2	2	68	3.21	.076	11	13	1.35	39	.01	2	1.68	.05	.15	1	11
FX 483757	1	74	2	63	.4	9	13	931	3.89	3	5	ND	7	202	1.1	2	2	61	3.83	.080	13	13	1.31	25	.01	2	1.67	.04	.13	1	8
FX 483758	1	33	4	59	.3	8	12	850	3.73	2	5	ND	4	169	1.2	2	2	62	2.86	.076	12	15	1.27	27	.01	2	1.63	.04	.14	1	9
FX 483759	1	25	4	59	.1	8	12	807	3.82	2	5	ND	3	142	.6	2	2	68	2.27	.079	11	13	1.26	26	.02	2	1.58	.05	.13	1	4
FX 483760	1	18	5	58	.1	9	12	875	3.83	2	5	ND	3	156	.9	2	2	68	2.61	.077	11	15	1.26	64	.02	2	1.61	.05	.14	1	4
FX 483761	1	35	2	57	.1	8	12	870	3.95	2	5	ND	2	162	1.0	2	2	75	2.24	.077	10	12	1.28	32	.04	2	1.59	.06	.15	1	1
FX 483762	1	33	4	56	.2	8	12	780	3.85	2	5	ND	4	164	.6	2	2	83	2.07	.079	7	12	1.22	76	.12	2	1.49	.10	.21	1	3
FX 483763	1	43	7	62	.1	9	13	918	4.25	2	5	ND	2	265	.6	2	2	85	2.92	.088	11	13	1.30	48	.03	2	1.70	.07	.17	1	3
FX 483764	1	121	2	72	.3	12	15	1219	4.30	2	5	ND	3	594	1.0	2	2	82	7.15	.100	12	13	1.33	35	.01	2	1.87	.03	.22	1	5
FX 483765	1	107	2	71	.3	11	15	983	4.66	3	5	ND	2	357	1.4	2	2	85	3.66	.105	13	17	1.41	31	.01	2	1.99	.05	.21	1	2
FX 483766	1	23	4	62	.3	9	13	972	3.90	2	5	ND	4	421	1.3	2	2	63	4.21	.083	11	14	1.28	110	.01	2	1.75	.04	.22	1	8
FX 483767	1	57	4	60	.5	7	13	883	3.91	2	5	ND	3	329	.5	2	2	57	3.18	.085	9	11	1.12	139	.01	2	1.60	.04	.18	1	170
FX 483768	1	35	3	60	.3	7	11	859	3.49	3	5	ND	4	343	.9	2	2	58	4.50	.071	10	11	1.24	45	.01	2	1.54	.04	.16	1	51
FX 483769	1	27	4	58	3.3	8	10	898	3.33	2	5	ND	4	486	.7	2	2	54	4.33	.076	11	11	.95	35	.01	2	1.30	.04	.21	1	37
FX 483770	1	36	2	62	.3	8	12	897	3.72	2	5	ND	5	461	1.3	2	2	59	3.47	.080	13	12	1.09	28	.01	2	1.49	.04	.23	1	19
FX 483771	1	7	6	24	.2	5	5	465	1.68	2	6	ND	13	321	.2	2	2	18	3.88	.021	10	7	.50	41	.01	2	.74	.03	.13	1	4
FX 483772	1	22	2	56	.3	9	11	888	3.97	4	5	ND	4	392	.7	2	2	55	3.86	.077	12	13	1.05	53	.01	2	1.30	.03	.19	1	1
FX 483773	1	16	2	51	.2	7	11	897	3.58	3	5	ND	4	570	1.1	2	2	48	4.31	.071	13	9	1.01	30	.01	2	1.11	.03	.21	1	1
FX 483774	1	38	4	50	.2	8	11	934	3.78	3	5	ND	3	629	.8	2	2	49	4.40	.072	13	11	1.06	46	.01	2	1.17	.04	.25	1	22
FX 483775	1	36	2	55	.3	9	12	831	3.69	2	5	ND	4	364	.6	2	2	64	3.06	.076	10	12	1.09	35	.01	2	1.42	.05	.18	1	6
FX 483776	1	16	5	54	.2	7	10	940	3.80	2	5	ND	4	619	.7	2	2	44	4.92	.069	9	10	1.04	33	.01	2	.78	.03	.19	1	190
FX 483777	1	30	5	49	.2	6	11	811	3.71	2	5	ND	5	486	.6	2	2	43	3.95	.076	9	11	.78	24	.01	2	.59	.03	.21	1	17
FX 483778	1	14	5	58	.3	8	11	932	3.85	2	40	ND	4	528	.5	2	2	42	3.83	.077	9	13	.77	29	.01	2	.55	.03	.22	1	14
FX 483779	3	3	9	44	.1	4	3	581	1.83	2	65	ND	6	302	.2	2	2	12	1.98	.021	15	7	.42	155	.01	2	.28	.03	.16	1	26
FX 483780	1	3	14	46	9.2	6	1	281	.97	4	29	ND	16	290	.2	2	2	6	1.39	.005	10	7	.15	14	.01	2	.18	.02	.13	1	360
FX 483781	2	3	9	35	.4	7	1	290	1.11	3	7	ND	19	119	.2	2	2	6	.62	.006	18	8	.09	16	.01	2	.16	.04	.09	2	450
STANDARD C/AU-R	18	59	40	132	7.5	71	31	1044	3.97	37	22	8	40	52	17.6	15	22	55	.48	.090	37	59	.89	177	.09	37	1.89	.07	.15	12	510

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
FX 483782	1	3	8	27	.6	4	1	272	1.00	2	8	ND	19	81	.2	2	2	6	.64	.008	16	8	.06	13	.01	2	.20	.04	.12	2	1
FX 483783	1	3	11	31	.3	6	1	221	1.09	3	9	ND	27	50	.2	2	2	7	.17	.008	18	7	.06	16	.01	2	.17	.06	.10	1	2
FX 483784	2	2	17	33	.4	8	1	164	.92	3	7	ND	17	28	.2	2	2	6	.07	.008	18	9	.03	16	.01	3	.17	.07	.10	2	6
FX 483785	1	3	18	38	.5	4	1	129	.84	3	5	ND	20	28	.3	2	2	4	.07	.007	18	6	.03	18	.01	3	.17	.07	.11	1	81
FX 483786	1	3	16	36	.3	6	1	257	1.29	3	7	ND	47	61	.2	2	2	9	.17	.006	19	6	.07	14	.01	2	.18	.06	.11	1	1
FX 483787	2	4	11	32	.6	8	1	155	1.03	3	6	ND	40	51	.2	2	2	6	.18	.007	13	9	.05	15	.01	2	.15	.06	.09	2	210
FX 483788	1	3	8	20	.2	5	1	199	1.02	2	6	ND	27	59	.2	2	2	6	.19	.007	17	7	.06	14	.01	2	.17	.05	.11	1	2
FX 483789	1	4	15	72	2.4	7	3	735	1.95	2	50	ND	27	96	.2	2	2	8	.16	.008	18	6	.11	13	.01	2	.21	.02	.13	1	1
FX 483790	3	5	10	47	1.3	10	2	560	1.57	2	45	ND	22	112	.2	2	2	9	.29	.008	18	10	.11	14	.01	2	.23	.03	.14	1	2
FX 483791	1	4	14	28	.5	5	2	217	.99	2	5	ND	17	42	.2	2	2	8	.15	.011	16	9	.05	21	.01	3	.21	.07	.10	1	210
FX 483792	1	4	13	35	.3	6	1	201	1.08	2	5	ND	18	36	.2	2	2	7	.11	.009	17	7	.04	20	.01	2	.19	.08	.10	1	2
FX 483793	2	2	16	38	.3	8	1	242	1.02	3	7	ND	21	45	.2	2	2	8	.25	.008	15	10	.04	18	.01	2	.17	.07	.10	2	110
FX 483794	1	6	2	32	.2	7	9	608	3.52	2	5	ND	6	179	.3	2	2	75	4.13	.081	7	9	1.22	26	.06	2	1.57	.06	.08	1	2
FX 483795	1	9	2	27	.2	7	9	580	3.47	2	5	ND	6	154	.8	2	2	65	3.44	.080	9	10	1.22	27	.06	2	1.58	.04	.12	1	1
FX 483796	1	10	2	28	.1	9	8	574	3.39	2	5	ND	6	196	1.4	2	2	68	3.41	.079	6	14	1.08	36	.10	2	1.63	.07	.14	1	2
FX 483797	1	7	3	30	.2	6	8	571	3.35	2	5	ND	5	189	.6	2	2	63	3.49	.078	7	9	1.20	25	.06	2	1.57	.05	.13	1	10
FX 483798	1	6	2	30	.3	7	8	593	3.46	2	5	ND	6	199	1.0	2	2	70	3.43	.079	8	10	1.22	29	.07	2	1.56	.06	.10	1	4
FX 483799	1	9	2	33	.2	8	8	573	3.34	2	5	ND	4	163	.9	2	2	68	3.12	.075	6	12	1.13	26	.08	2	1.48	.05	.09	1	3
FX 483800	1	44	2	34	.2	7	11	526	3.49	2	5	ND	3	151	1.0	2	2	70	2.46	.072	4	12	1.23	29	.08	2	1.52	.07	.09	1	21
FX 483801	2	138	2	38	.8	7	17	506	3.65	2	5	ND	4	213	.8	2	2	52	4.26	.079	10	8	1.23	28	.02	2	1.55	.04	.14	1	2
FX 483802	1	39	2	36	.2	9	12	481	3.95	2	5	ND	4	130	.8	2	2	67	3.15	.078	11	14	1.46	30	.01	2	1.77	.04	.15	1	7
FX 483803	1	6	2	26	.1	7	7	410	3.07	2	5	ND	4	172	.2	2	2	55	3.20	.073	10	11	1.23	26	.01	2	1.50	.04	.13	1	2
FX 483804	1	7	2	22	.2	7	6	360	2.89	2	5	ND	5	211	.3	2	2	57	3.59	.076	9	6	1.07	33	.01	2	1.41	.04	.15	1	1
FX 483805	1	34	3	21	.5	7	7	386	2.46	2	5	ND	4	378	.3	2	2	39	6.06	.061	11	13	.97	25	.01	2	1.62	.04	.15	1	11
FX 483806	1	60	2	24	.3	7	10	334	2.98	2	5	ND	3	202	1.0	2	2	48	3.46	.075	9	10	1.06	25	.01	2	1.43	.03	.15	1	3
FX 483807	1	8	2	24	.1	7	6	357	2.90	2	5	ND	4	167	.7	2	2	57	3.29	.073	8	10	1.07	27	.03	2	1.36	.04	.12	1	5
FX 483808	1	9	2	26	.2	10	7	387	3.08	2	5	ND	4	144	1.1	2	2	67	2.70	.079	7	17	1.10	30	.10	2	1.42	.06	.09	1	4
FX 483809	1	9	2	31	.2	8	7	507	3.20	2	5	ND	4	135	.9	2	2	70	2.65	.074	6	15	1.29	28	.11	2	1.54	.06	.08	1	4
FX 483810	1	37	3	35	.2	7	8	461	3.04	2	5	ND	4	132	.5	2	2	67	2.43	.070	5	12	1.23	35	.13	2	1.47	.08	.11	1	10
FX 483811	1	18	3	33	.2	7	7	480	3.02	2	5	ND	5	129	1.5	2	2	64	2.23	.071	3	12	1.08	27	.11	2	1.35	.06	.08	1	5
FX 483812	1	10	3	28	.2	8	7	444	2.99	2	5	ND	6	189	.6	2	2	57	3.82	.075	8	15	1.27	26	.01	2	1.53	.04	.13	1	2
FX 483813	1	60	2	33	.3	9	8	439	2.93	2	5	ND	6	217	1.2	2	2	52	3.50	.081	9	14	1.28	26	.01	2	1.52	.03	.12	1	3
FX 483814	1	21	5	31	.2	10	8	432	3.02	2	5	ND	4	163	.8	2	2	56	3.05	.073	8	16	1.29	27	.01	2	1.49	.04	.13	1	1
FX 483815	1	10	2	31	.1	8	7	495	3.23	2	5	ND	4	126	.8	2	2	59	3.17	.072	9	12	1.30	20	.01	2	1.55	.04	.11	1	1
FX 483816	1	21	2	29	.1	8	8	472	3.29	2	5	ND	3	132	.5	2	2	56	2.82	.069	10	12	1.16	26	.01	2	1.46	.04	.14	1	2
FX 483817	1	38	2	31	.2	9	10	528	2.95	2	5	ND	3	189	.4	2	2	54	4.18	.068	10	14	1.04	21	.01	2	1.34	.04	.14	1	2
STANDARD C/AU-R	18	60	37	131	7.3	70	31	1034	3.93	38	18	8	38	52	17.5	15	21	54	.48	.089	36	56	.88	175	.09	34	1.86	.06	.15	12	510

Inco Expl. & Tech. Services PROJECT 60513-82010 FILE # 91-2390

ACME ANALYTICAL

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 483818	1	20	4	39	.1	11	10	528	3.18	6	5	ND	6	119	.2	2	2	62	2.96	.073	13	16	1.18	29	.01	6	1.42	.04	.14	1	1
FX 483819	2	55	4	41	.2	11	11	476	2.93	7	5	ND	6	100	.2	3	2	51	3.19	.069	11	15	1.12	29	.01	4	1.40	.04	.15	1	1
FX 483820	1	19	5	40	.1	10	7	552	2.94	6	5	ND	6	259	.2	2	2	49	5.03	.063	11	15	1.08	31	.01	2	1.39	.03	.15	1	1
FX 483821	1	34	5	35	.1	7	11	533	2.91	7	5	ND	6	210	.2	2	2	55	3.95	.065	10	13	1.03	26	.01	3	1.34	.04	.14	1	4
FX 483822	1	18	5	78	.2	10	11	564	3.37	7	5	ND	7	136	.3	2	2	69	2.72	.074	11	15	1.14	44	.03	6	1.40	.07	.12	1	1
FX 483823	1	48	2	32	.4	7	10	536	2.92	6	5	ND	6	216	.2	2	2	51	4.04	.069	11	15	1.10	42	.01	5	1.31	.04	.14	1	3
FX 483824	1	30	13	39	.1	7	9	474	2.80	7	5	ND	5	200	.3	2	2	51	3.93	.061	10	14	1.13	29	.01	4	1.30	.04	.13	1	3
FX 483825	2	37	2	44	2.3	6	12	618	3.81	12	5	ND	7	392	.2	2	2	68	6.56	.064	5	20	1.27	23	.01	2	1.56	.01	.12	1	190
FX 483826	3	18	7	44	24.8	12	7	420	1.94	5	7	2	4	430	.2	2	2	22	5.34	.028	4	13	.50	18	.01	4	.75	.01	.12	1	3730
FX 483827	3	34	2	39	4.5	9	12	413	3.06	8	5	3	4	206	.2	2	2	29	2.79	.040	12	10	.70	25	.01	3	1.00	.02	.18	1	3490
FX 483828	2	19	4	35	.3	10	10	481	2.86	7	5	ND	10	118	.2	2	2	45	2.02	.054	15	16	.80	26	.01	4	1.14	.04	.18	1	28
FX 483829	2	14	2	31	1.8	9	10	554	2.80	4	5	2	8	120	.2	2	2	43	3.00	.053	14	14	.81	22	.01	2	1.10	.04	.15	1	1550
FX 483830	2	26	2	41	2.6	9	10	520	2.87	3	5	2	7	209	.2	2	2	42	2.95	.054	14	14	.82	22	.01	2	1.15	.03	.15	1	1920
FX 483831	1	24	4	34	.4	10	13	580	3.10	4	5	ND	8	141	.4	2	2	48	2.63	.062	14	14	.91	26	.01	3	1.27	.04	.15	1	60
FX 483832	1	15	2	34	.4	10	12	601	3.36	4	5	ND	8	131	.2	2	2	55	2.61	.065	16	14	.93	29	.01	2	1.33	.04	.15	1	36
FX 483833	2	8	4	34	.2	7	11	638	3.17	6	5	ND	9	153	.2	2	2	52	3.02	.062	16	14	.90	28	.01	2	1.35	.04	.16	1	75
FX 483834	2	17	2	38	.1	12	11	606	3.32	5	5	ND	8	223	.4	2	2	50	3.57	.056	14	15	.86	27	.01	2	1.35	.04	.15	1	32
FX 483835	2	49	4	33	1.3	8	13	565	2.82	7	5	ND	7	247	.2	2	2	39	3.78	.051	13	12	.71	24	.01	4	1.12	.03	.16	1	180
FX 483836	1	14	2	37	.1	7	11	564	2.94	6	5	ND	8	139	.2	2	3	46	2.24	.062	13	13	1.07	26	.01	2	1.47	.03	.19	1	12
FX 483837	2	16	5	43	.1	8	13	639	3.29	6	5	ND	9	134	.3	2	2	53	2.33	.067	14	14	.98	29	.01	2	1.41	.04	.17	1	3
FX 483838	2	23	6	45	.2	8	12	616	3.12	4	5	ND	8	145	.3	2	2	46	2.42	.060	14	13	.88	25	.01	2	1.26	.03	.19	1	32
FX 483839	2	11	4	40	.1	9	12	592	3.16	7	5	ND	8	120	.2	2	5	57	1.91	.062	13	14	.93	32	.03	2	1.25	.05	.14	1	3
FX 483840	1	15	7	38	.1	9	12	577	3.00	2	5	ND	6	142	.2	2	2	52	2.32	.059	12	15	.93	29	.02	2	1.24	.05	.13	1	6
FX 483841	3	20	2	34	.1	10	11	566	2.96	5	5	ND	8	123	.4	2	2	53	2.42	.057	13	13	.89	31	.03	3	1.20	.05	.14	1	5
FX 483842	4	35	5	37	.2	10	11	635	3.02	3	5	ND	8	198	.2	2	2	50	3.67	.055	13	14	.87	26	.01	2	1.22	.05	.15	1	10
FX 483843	1	16	5	34	.4	7	11	565	2.93	5	5	ND	10	127	.2	2	2	54	2.55	.057	13	13	.94	29	.03	2	1.23	.05	.13	1	1
FX 483844	2	47	2	40	.4	6	12	519	2.93	5	5	ND	8	115	.2	2	2	45	2.01	.056	13	13	.89	26	.01	2	1.21	.04	.15	1	5
FX 483845	2	33	3	31	.2	10	9	498	2.48	4	5	ND	7	187	.2	2	2	38	2.60	.048	13	12	.73	21	.01	2	.99	.04	.14	1	4
FX 483846	1	25	2	36	.1	7	11	601	3.00	3	5	ND	4	178	.2	2	2	48	2.86	.057	12	12	.88	27	.01	2	1.23	.04	.14	1	16
FX 483847	1	18	2	40	.2	7	13	757	3.67	2	5	ND	5	219	.3	2	2	54	4.29	.064	12	13	.94	22	.01	2	1.39	.04	.16	1	4
FX 483848	1	30	3	43	.1	6	11	915	3.10	2	5	ND	7	189	.2	2	2	44	5.08	.057	11	11	1.32	16	.01	2	1.65	.03	.16	1	1
FX 483849	2	23	4	35	.2	6	9	925	2.31	4	5	ND	8	250	.2	2	2	31	6.67	.049	10	11	.80	24	.01	2	1.25	.02	.21	1	6
FX 483850	2	42	2	46	.1	9	13	759	3.13	7	5	ND	4	221	.2	2	2	52	4.07	.061	11	12	.93	27	.01	2	1.32	.03	.19	1	17
FX 483851	1	42	2	48	.2	10	15	757	3.35	5	5	ND	5	174	.2	2	2	54	3.18	.064	13	18	1.06	19	.01	2	1.45	.04	.17	1	3
FX 483852	1	66	2	52	.5	8	15	767	3.43	4	5	ND	6	171	.2	3	2	53	3.40	.066	14	13	1.20	21	.01	2	1.56	.04	.15	1	3
FX 483853	2	54	2	45	.3	9	12	644	3.16	2	5	ND	5	162	.3	2	2	48	2.86	.060	13	12	1.06	20	.01	2	1.43	.04	.17	1	3
STANDARD C/AU-R	19	60	43	132	7.4	71	32	1074	3.89	38	15	7	41	53	18.9	15	20	58	.48	.089	40	57	.87	174	.09	33	1.85	.06	.15	12	520

ACME ANALYTICAL

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 483854	1	40	2	59	.2	7	13	644	3.31	2	5	ND	3	109	.7	2	2	52	2.19	.065	9	11	1.06	25	.01	2	1.41	.04	.10	1	4
FX 483855	20	82	4	57	.4	8	12	670	3.72	2	5	ND	4	119	.3	2	2	62	2.09	.074	10	13	1.24	28	.02	2	1.49	.05	.13	1	4
FX 483856	1	36	3	59	.3	7	11	811	3.51	2	5	ND	5	184	.6	2	2	58	3.64	.069	11	13	1.15	29	.01	2	1.53	.03	.16	1	1
FX 483857	7	55	3	52	.3	8	11	668	3.45	2	5	ND	5	131	.9	2	2	53	2.55	.069	9	13	1.15	29	.01	2	1.51	.04	.15	1	7
FX 483858	1	65	4	56	.2	8	12	643	3.50	2	5	ND	4	117	.3	2	2	59	1.94	.076	11	14	1.17	50	.02	2	1.47	.05	.15	2	2
FX 483859	1	48	3	55	.3	7	10	801	3.29	2	5	ND	4	237	1.1	2	2	53	4.04	.066	13	11	1.03	86	.01	2	1.44	.03	.15	1	21
FX 483860	1	26	2	55	.2	7	12	785	3.81	2	5	ND	5	169	.9	2	2	58	2.93	.072	10	12	1.27	31	.01	2	1.74	.03	.15	1	30
FX 483861	1	19	2	50	.1	7	12	711	3.56	2	5	ND	5	151	.9	2	2	57	2.47	.074	13	12	1.17	50	.01	2	1.54	.04	.14	1	4
FX 483862	1	19	4	48	.1	6	11	731	3.35	2	5	ND	5	186	.8	2	2	64	3.34	.068	9	12	1.28	25	.02	2	1.52	.04	.11	1	1
FX 483863	1	29	2	50	.2	6	11	737	3.56	2	5	ND	5	164	1.0	2	2	58	2.80	.075	12	11	1.25	29	.01	2	1.58	.04	.12	1	6
FX 483864	1	35	2	50	.2	7	11	787	3.59	2	5	ND	5	198	.5	2	2	63	3.15	.074	11	12	1.28	25	.01	2	1.63	.04	.13	1	7
FX 483865	1	16	2	50	.2	7	11	785	3.69	2	5	ND	5	212	.9	2	2	58	2.99	.077	13	11	1.26	21	.01	2	1.66	.04	.15	1	24
FX 483866	1	26	2	50	1.3	7	12	725	3.50	2	5	ND	6	245	.7	2	2	56	2.93	.077	12	13	1.13	82	.01	2	1.52	.04	.16	1	98
FX 483867	1	9	2	46	.1	6	10	950	3.21	2	5	ND	6	307	1.1	2	2	49	5.69	.064	12	13	1.11	16	.01	2	1.56	.03	.15	1	19
FX 483868	5	30	2	52	.2	7	12	768	3.53	2	5	ND	5	200	.8	2	2	62	3.00	.072	11	11	1.14	22	.01	2	1.52	.04	.13	1	40
FX 483869	2	47	2	48	.6	6	11	707	3.48	2	5	ND	5	217	1.0	2	2	53	3.10	.064	8	12	1.19	20	.01	2	1.47	.03	.10	1	72
FX 483870	1	55	2	46	.8	7	12	761	3.69	2	5	ND	5	261	1.4	2	2	51	3.83	.075	7	12	1.07	48	.01	2	1.48	.03	.15	1	57
FX 483871	5	49	4	44	2.6	7	11	649	3.49	2	5	ND	4	223	1.4	2	15	50	3.25	.067	5	12	1.05	52	.01	2	1.37	.03	.15	1	68
FX 483872	15	35	3	26	1.5	5	7	481	2.30	2	8	ND	4	258	.9	2	2	30	2.97	.041	5	7	.64	64	.01	2	.87	.03	.14	1	710
FX 483873	5	32	8	26	4.4	5	8	534	2.36	2	5	ND	8	218	.7	2	34	32	3.50	.037	5	8	.77	48	.01	2	.99	.03	.13	2	71
FX 483874	1	11	5	41	.2	6	10	655	3.17	2	6	ND	9	228	.2	2	2	50	2.86	.069	8	10	1.03	108	.01	2	1.30	.04	.16	1	4
FX 483875	1	16	4	48	.1	6	11	770	3.41	2	5	ND	4	272	.7	2	2	59	3.63	.071	8	10	1.09	104	.01	2	1.37	.04	.14	1	5
FX 483876	1	48	2	50	.3	7	12	782	3.42	2	5	ND	4	236	1.0	2	2	61	3.17	.073	11	12	1.19	63	.01	2	1.45	.04	.14	1	22
FX 483877	1	53	2	55	.3	8	14	856	3.47	2	5	ND	4	307	.7	2	2	62	3.34	.076	10	9	1.05	20	.01	2	1.29	.03	.15	1	10
FX 483878	1	21	3	48	.5	6	10	828	3.59	3	5	ND	6	374	.6	2	2	48	3.93	.075	9	11	.75	21	.01	2	.66	.04	.16	1	100
FX 483879	3	22	6	38	4.2	8	7	733	2.80	5	105	ND	5	536	.5	2	2	25	3.45	.043	6	8	.49	27	.01	2	.32	.03	.15	1	520
FX 483880	3	3	13	32	1.7	8	1	210	.99	3	19	ND	18	204	.2	2	3	8	1.09	.007	11	7	.08	31	.01	2	.16	.05	.06	1	340
FX 483881	2	5	8	32	.3	8	2	197	1.07	2	7	ND	18	109	.2	2	2	8	.47	.007	13	6	.08	471	.01	2	.18	.06	.08	1	69
FX 483882	2	2	10	44	.4	6	2	265	1.17	2	20	ND	19	89	.6	2	2	9	.37	.007	17	6	.10	27	.01	2	.18	.04	.10	1	13
FX 483883	2	4	9	26	.2	7	1	107	.93	3	5	ND	18	32	.2	2	2	5	.11	.007	15	7	.03	14	.01	2	.16	.06	.07	1	170
FX 483884	3	4	12	30	.3	10	1	131	.78	2	7	ND	22	30	.2	2	2	6	.09	.005	17	7	.04	16	.01	2	.16	.06	.08	1	160
FX 483885	2	4	17	29	.3	8	2	152	.90	7	9	ND	26	62	.2	2	2	6	.24	.006	14	7	.06	42	.01	2	.15	.05	.08	1	150
STANDARD C/AU-R	18	60	38	132	7.6	70	32	1038	3.95	38	19	7	39	52	17.6	15	22	55	.48	.089	38	55	.90	176	.09	37	1.88	.07	.14	12	520

APPENDIX III

INCO

INCO EXPLORATION AND TECHNICAL SERVICES INC.

MEMORANDUM

TO	R. A. Alcock		
FROM	B. C. Jago	DATE	August 29, 1991
SUBJECT	**BRITISH COLUMBIA/OUTBACK PROJECT: MINERALOGY OF AN UNKNOWN PHASE AND CHARACTERIZATION OF AU-AG MINERALIZATION**		

D. Bohme submitted two samples of drill core from an epithermal Au-Ag prospect in order to identify a very fine-grained, grey-silver mineral and to characterize the gold-silver mineralization. Two polished sections were prepared from each of the samples. Precious metal mineralization was characterized using a Jeol Scanning Electron Microscope and Energy Dispersive X-ray Analysis.

BH 87003 @ 42.23 m/C91-1501, C91-1502/FX479725 (6.51 g/t Au, 37.0 g/t Ag over 0.44 m)

The mineralized portion of this sample is quartz-rich and brecciated by later calcite containing traces of Fe. Poikilitic pyrite is the dominant sulphide; trace phases include sphalerite, electrum and Se-bearing acanthite Ag_2S, all of which occur as discrete phases in the quartz matrix or more commonly as minute (< 10 um) inclusions in pyrite.

Acanthite is the dominant precious metal phase in this sample as only a trace of very fine-grained electrum was found. Acanthite forms up to 25% of the host pyrite grain and usually occurs as elongate, amoeboid-shaped inclusions showing a weakly to strongly developed zonal arrangement. Concentrations of acanthite crystals may occur in the core of pyrite grains and be enclosed by a relatively barren grain margin (Plate 1) or they may form a discontinuous mantle +/- sphalerite (Plate 2) around a barren core that is enclosed by barren pyrite grain margin. Fe-poor sphalerite also occurs as amoeboid-shaped inclusions (Plate 3) with acanthite and this in turn may be surrounded by a discontinuous mantle of minute acanthite grains (Plate 4).

BH 87004 @ 56.24 m/C91-1503, C91-1504/FX479890 (5.2 g/t Au, 61.0 g/t Ag over 0.45 m)

Au-Ag mineralization occurs as electrum and acanthite in a medium to coarse-grained quartz-feldspar-carbonate vein. The feldspar is end-member orthoclase and carbonate is Fe-rich with minor Mg. Rutile, apatite and allanite are common accessory minerals and generally are restricted to feldspar-carbonate-rich portions of the sample that are strongly fractured. Minute grains of galena and barite were found in one portion of the sample.

Electrum and acanthite typically occur as minute inclusions (< 15 um) in poikilitic pyrite (Plate 5) where they show a poorly developed zonal arrangement about a barren core (Plate 6). Less commonly, they occur as very fine-grained discrete phases in quartz-rich portions of the vein that contain at least minor amounts of pyrite. Chalcopyrite and electrum may form composite inclusions in pyrite, but chalcopyrite does not occur in as close association with acanthite. Only a single grain of electrum was found in this sample and this was modestly enriched in Au relative to Ag.

/dh

Bruce Jago

Attachment:

x.c.: D. Bohme
P. Rush
File

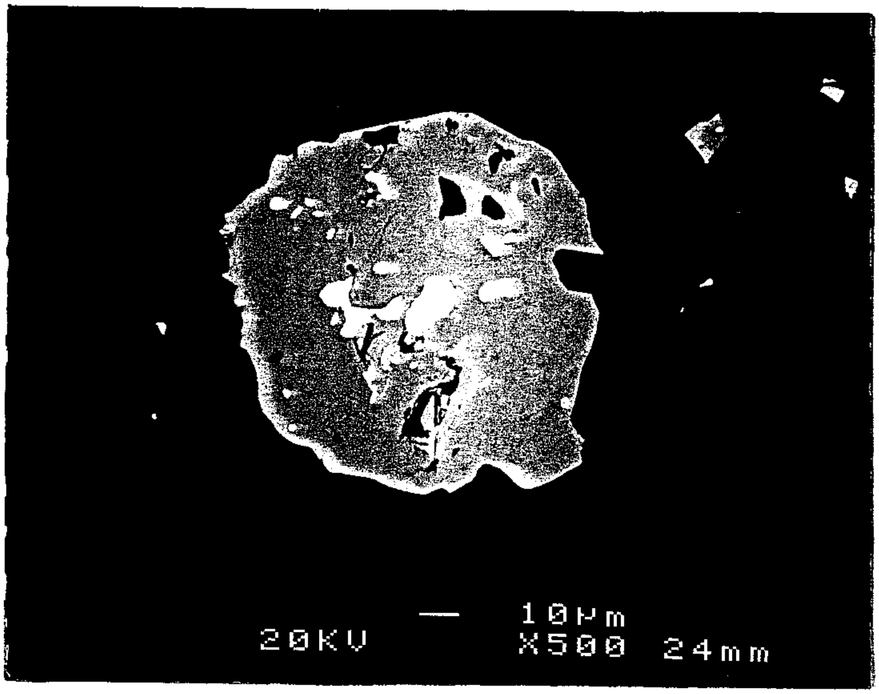
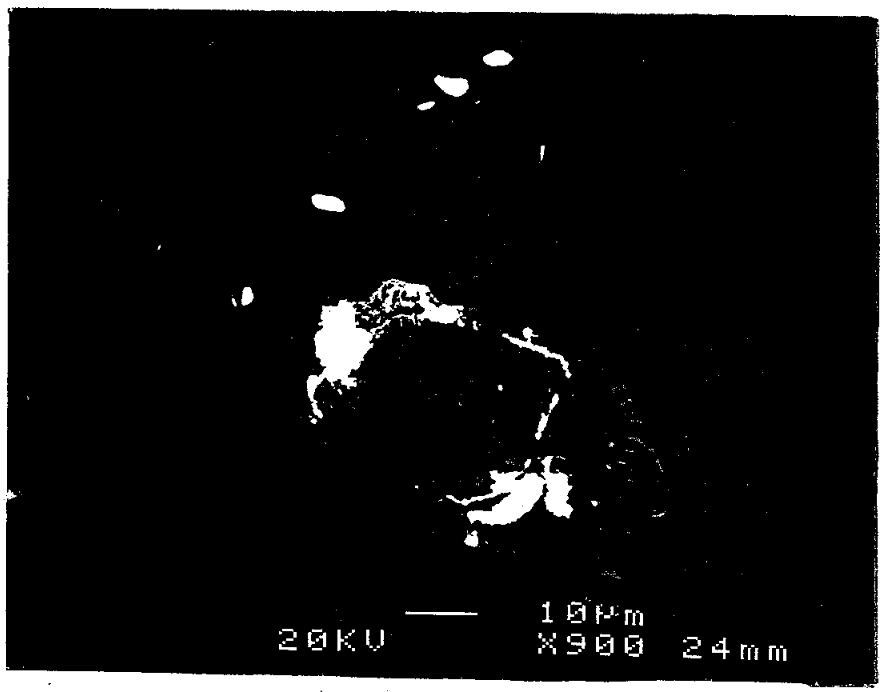


Plate 1: Backscatter electron image (BEI) of pyrite grain with abundant inclusions of acanthite, Ag_2S (white). Black is quartz matrix.

Plate 2: BEI of composite pyrite grain showing a discontinuous mantle of acanthite (white) on a core pyrite grain which in turn is overgrown by an outer, acanthite-mineralized pyrite mantle. Black is quartz matrix.



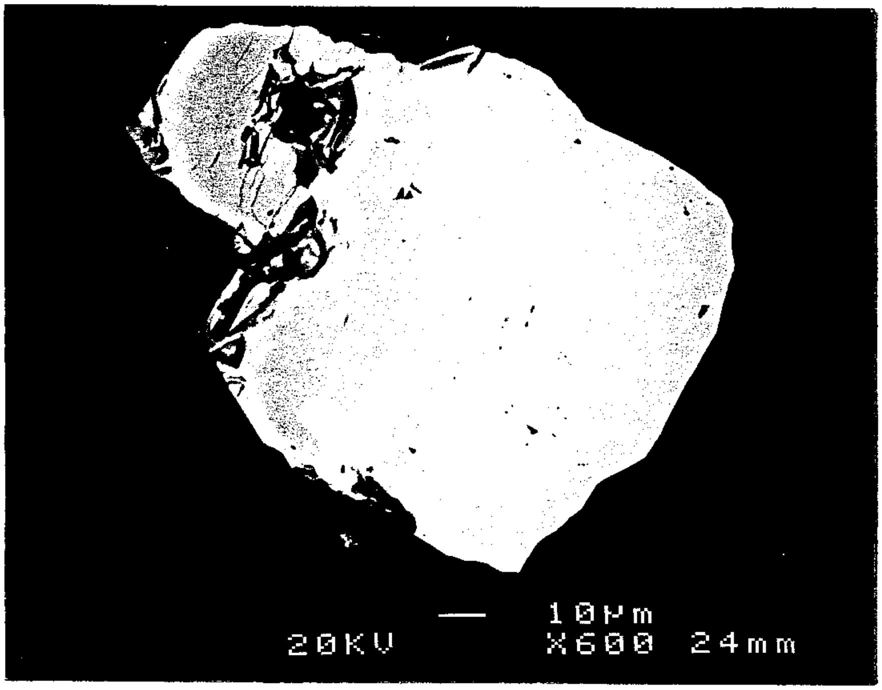
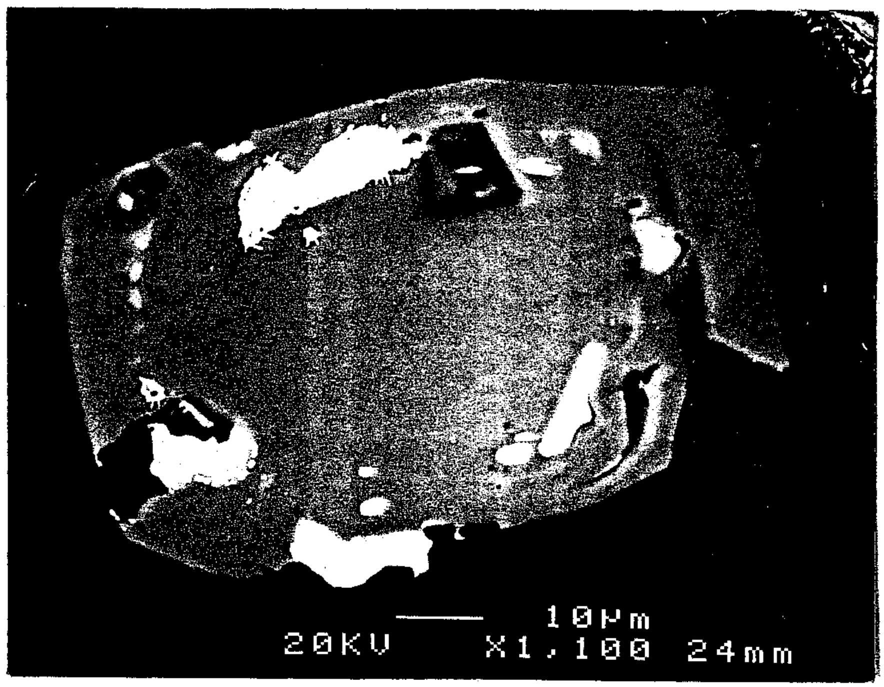


Plate 3: BEI of pyrite grain with very fine to fine-grained inclusions of acanthite (bright white) and larger, amoeboid-shaped inclusions of sphalerite (light grey).

Plate 4: BEI of pyrite grain showing a discontinuous inner mantle of sphalerite (light grey) and acanthite (bright white) and an outer mantle of pyrite. Acanthite grains may be zoned (elongate grain near top of pyrite) such that grain cores (speckled) are Ag-rich and grain margins (irregular flames intergrown with pyrite) are Se-rich.



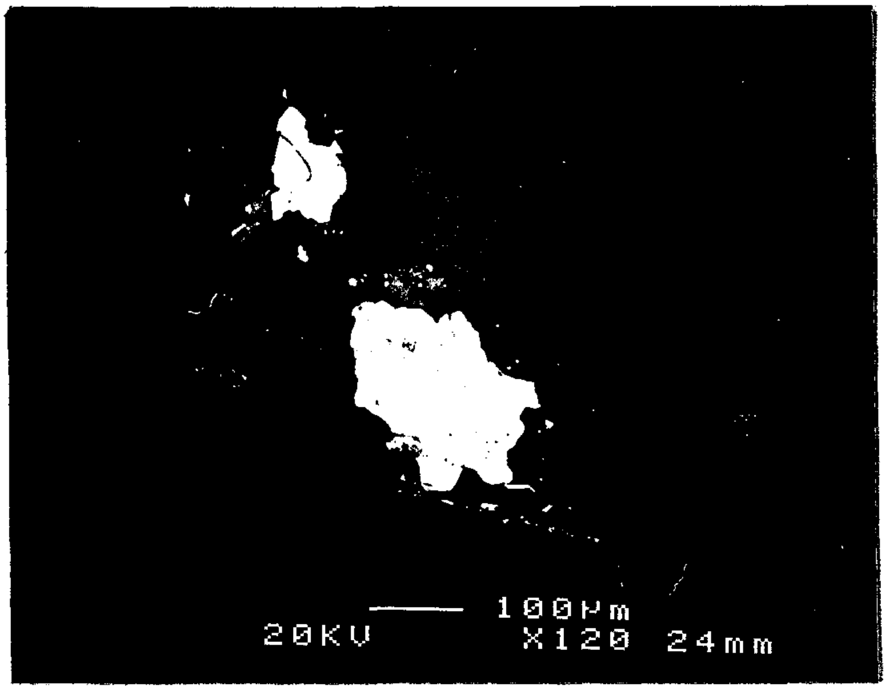
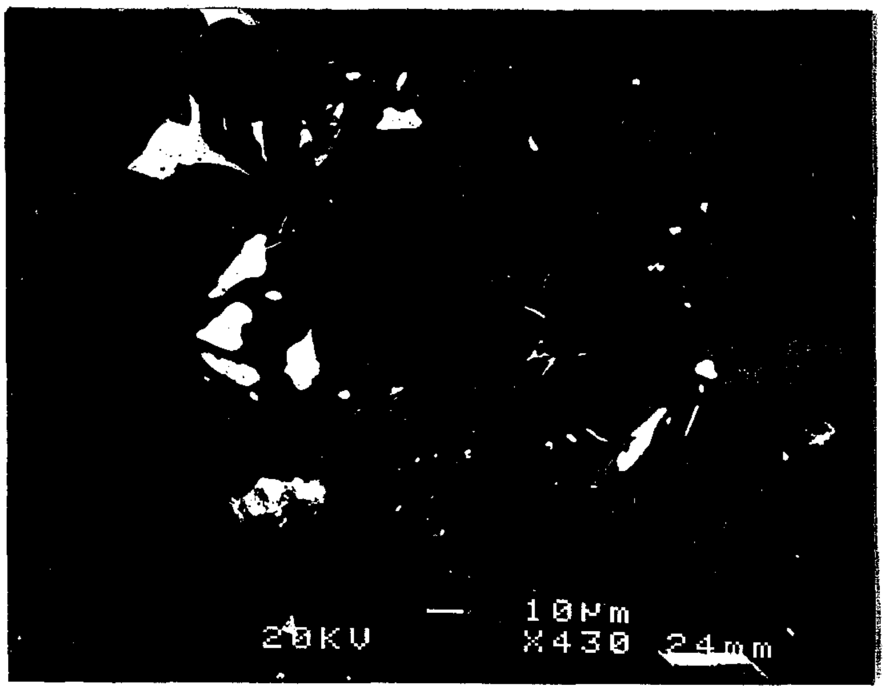
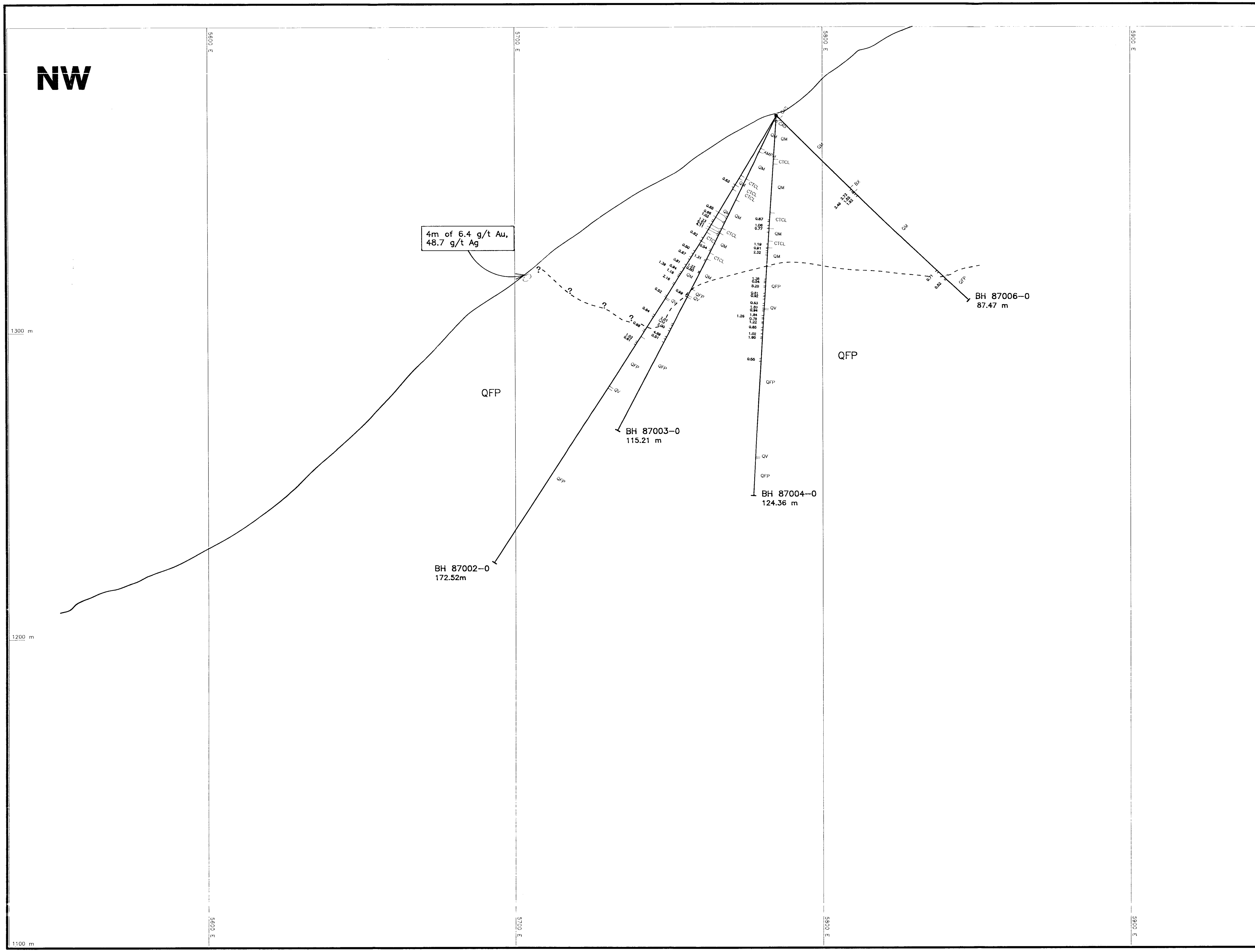


Plate 5: Pyrite with tiny inclusions of electrum (white) and acanthite (white) in quartz-feldspar-carbonate matrix (shades of grey, quartz is dark). Bright specks in quartz (black) are minute grains (< 1-2 um) of electrum and acanthite. Feldspar and carbonate are barren.

Plate 6: Pyrite grain with electrum (white and speckled), acanthite (white) and rare chalcopyrite (light grey). Note relatively barren core surrounded by inclusion-rich margin.





LEGEND

Geological Contact

CAS – Casing
QM – Quartz Monzonite
FLT – Fault
CTCL – Cataclasite
QFP – Quartz–Feldspar Porphyry
QV – Quartz Vein
FELS – Felsite
BX – Breccia
AMPH – Amphibolite

AU ASSAYS
Au greater than 0.5 g/t plotted
Units in g/t

Scale 1:500
0 10 20 30 40 50
METRES

PROFESSIONAL ENGINEER – PROVINCE OF BRITISH COLUMBIA – DENNIS M. BOHME

Dec. 4, 1991

GEOLOGICAL BRANCH ASSESSMENT REPORT

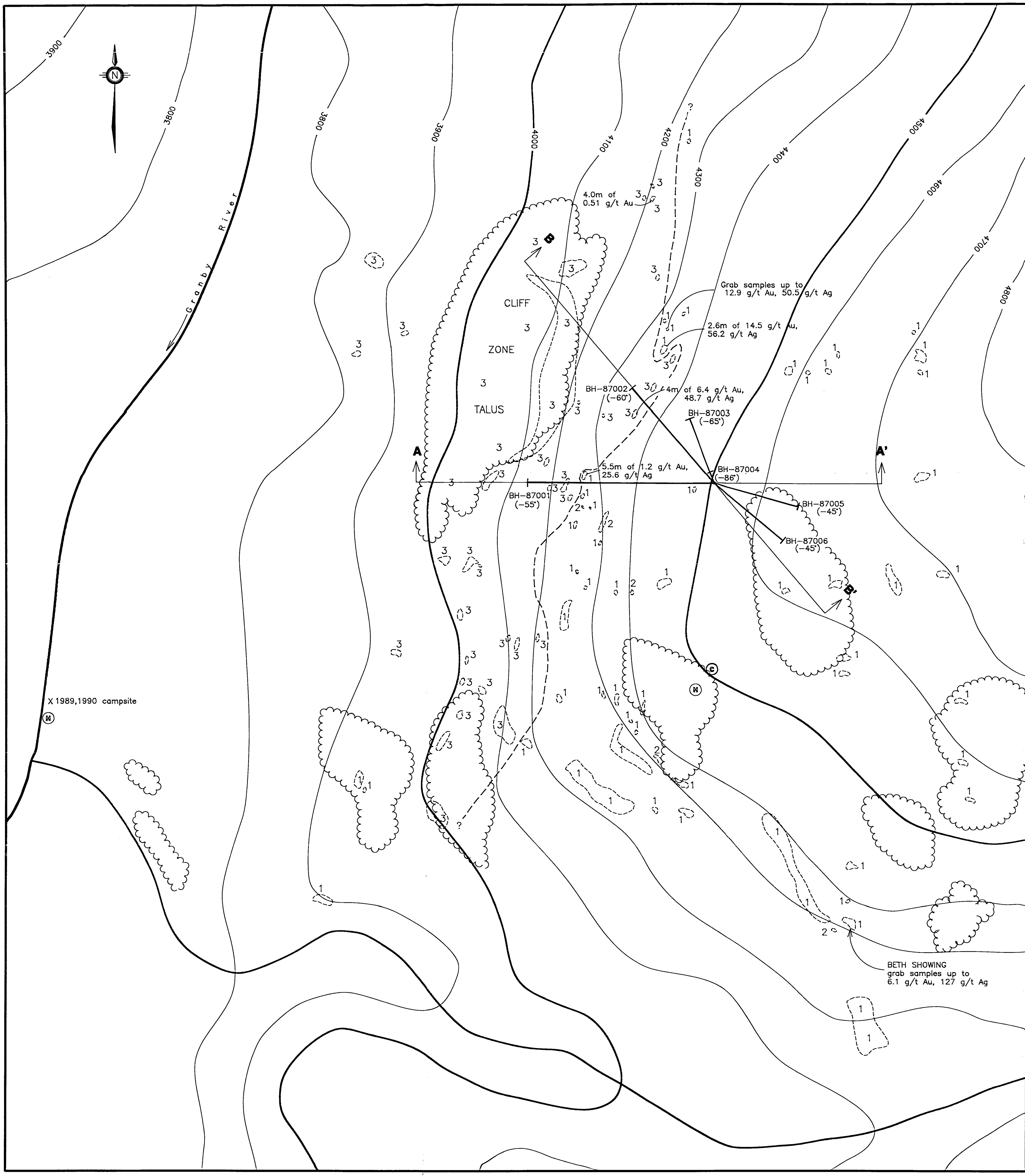
21,916

MAP 3

INCO EXPLORATION AND TECHNICAL SERVICES INC.
Vancouver, B.C. V6C 2X8

Project: OUTBACK	Area: Outback Claim Group, B.C.		
OBLIQUE SECTION @ 140° Az		SHEET 3	FIGURE
Supervisor: A.I.MacGibbon	Instrument:	Survey date:	
Compiled by: D.M.Bohme	Drawn by: C.B.Satchelle/I.Casidy	Date drawn: 08/21/91	Revised: 01/11/91
Scale: 1: 500	File: OUTBOBAU.DWG	N.T.S. 82 E 9	


0420SAU1.DWG
Elevation 1400 m
W
E
5600 E
5700 E
5800 E
5900 E
1300 m
1200 m
1100 m
5.5m of 1.2g/t Au,
25.6g/t Ag
BH 87005-0
84.43 m
QFP
QFP
87001-0
223.11 m
LEGEND
Geological Contact
CAS – Casing
QM – Quartz Monzonite
FLT – Fault
CTCL – Cataclasite
QFP – Quartz-Feldspar Porphyry
QV – Quartz Vein
FELS – Felsite
BX – Breccia
Au greater than 0.5 g/t plotted
Units in g/t
Scale 1:500
METRES
PROFESSIONAL ENGINEER
DENNIS M. BOHME
GEOLOGICAL BRANCH
ASSESSMENT REPORT
21,916
Map 2
INCO EXPLORATION AND TECHNICAL SERVICES INC.
Vancouver, B.C.
V6C-2X8
Project: OUTBACK
Area: Outback Claim Group, B.C.
SECTION 4250 S (AU ASSAYS)
SHEET
2
FIGURE
Supervisor: A.T.MacGibbon
Instrument:
Survey date:
Compiled by: D.M.Bohme
Drawn by: C.B.Satchelle/I.Caskly
Date drawn: 08/09/91
Revised: 01/11/91
Scale: 1: 500
File: 0420SAU1.DWG
N.T.S. 82 E 9



LEGEND

CRETACEOUS(?)

1 QUARTZ MONZONITE – Propylitized

2 CATALCLASITE – well foliated, pyritic

EOCENE

3 QUARTZ FELDSPAR PORPHYRY
Argillically altered, locally silicified.

Drill site with horizontal projection of drill hole.

Campsite

Helicopter pad

Geological contact

Outcrop

Clearing

Section Line – See Map 2

Section Line – See Map 3

Scale 1:1000

0 10 20 30 40 50 60 70 80 90 100
METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,916

MAP 1

INCO EXPLORATION AND
TECHNICAL SERVICES INC.

Project: OUTBACK PROPERTY	Area: Grand Forks, Greenwood MD BC.

OUTBACK PROPERTY GEOLOGY AND BOREHOLE LOCATIONS

Supervisor: A.T. MacGibbon	Instrument:	Survey date: June 6/91	
Compiled by: Dennis Bohme	Drawn by: I.Casidy	Date drawn: June 6/91	Revised: Dec 4/91
Scale: 1:1000	N.T.S.: 82E-9	Figure: 1	

OUT039