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Geological and Geochemical Report on the Outback Claims

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

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VANCOUVER, B.C.

Dennis M. Bohme, P.Eng.,
Project Geologist

October 19, 1990

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1.0 SUMMARY

The report describes the results of the mapping, prospecting, soil, stream sediment and rock chip sampling surveys conducted on the Outback claim group between June 4 to August 23, 1990. The claim block follows the upper Granby River valley and is located 75 km north of Grand Forks, B.C. Access is via helicopter only. The property is being explored for its epithermal gold-silver potential.

The geology is dominated by Tertiary block-faulting with Cretaceous-Jurassic basement plutonic rocks unconformably overlain by narrow slices of Eocene Marron Formation volcanic rocks and minor sedimentary strata of the Kettle River Formation. The Granby River Fault is a steep, east dipping normal fault interpreted to be the western strike extension of the Republic Graben fault system south of the International border.

Erratic gold-silver mineralization is almost exclusively confined to north-trending Tertiary normal extensional faulting and related fracture systems. Five new chalcedonic veined structures were discovered, however, gold-silver plus indicator elements were generally low.

The best target for epithermal-style mineralization appears to be a 1800 m by 200 m structurally prepared area known as the Cliff Fault zone. This apparent fault splay has formed a structural locus for gold-silver mineralization and forms a distinct but somewhat erratic soil anomaly with highs up to 2.28 g/t Au and 5.6 g/t Ag.

Hydrothermal activity has produced a crude alteration zoning around this structure, grading from an innermost intensely bleached advance argillic phase to less argillic laterally for several tens of metres and eventually into a more regionally extensive propylitized zone. Secondary, milky white sugary chalcedonic quartz is locally abundant primarily as more resistant drusy veinlets and patchy replacement zones. Discordant veinlets are irregularly spaced and oriented and occur dominantly as open-space, through-going fracture fillings averaging about 0.5-2 cm wide. Limited sampling over this broad area shows a gold content in the 0.036 to 9.036 g/t Au range. A schistose cataclasite shear forms a gradational structural control for the mineralization to the east.

The Beth Showing remains the best example of multi-episodic quartz deposition displaying typical epithermal textures including fine banding, colloform, crustiform, adularia-clay altered selvages, vein brecciation and vuggy centres with some bladed carbonate aggregates. Selected chip samples returned up to 2.285 g/t Au and 150.3 g/t Ag. Geochemistry, wallrock alteration and vein textures are interpreted to be associated with the lower levels of an epithermal system.

More detailed mapping and rock chip sampling, combined with blasting and/or hand trenching, is recommended before undertaking a drill program on the best target.

2.0 INTRODUCTION

This report documents the geological and geochemical results of the mapping, prospecting, soil, stream sediment and rock chip sampling programs conducted on the Outback claim group between June 4 - August 23, 1990.

Encouraging results from the 1989 survey prompted additional claim staking later that year. The Outback property is being explored for its epithermal gold-silver potential.

2.1 Location, Access and Topography

The Outback claim group is located in the Monashee Mountains of south-central British Columbia, approximately 75 km north of Grand Forks, B.C. (see Figure 1). The property outline follows the upper Granby River just north of Bluejoint Mountain and covers about 16 km of the valley in a north-south direction.

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

Topographic relief varies from flat valley benches to hilly to moderately steep terrain. Elevations range from 1036 m (3400') within the Granby River valley to over 1829 m (6000') on some southwest facing ridgetops.

The property lies within the Granby Forest District and is quite heavily treed by mature and immature stands of spruce, fir, cedar and some alder.

Outcrop exposure is moderate. Large outcroppings often occur along steeply incised creek gullies, the Granby River and on some ridgetops.

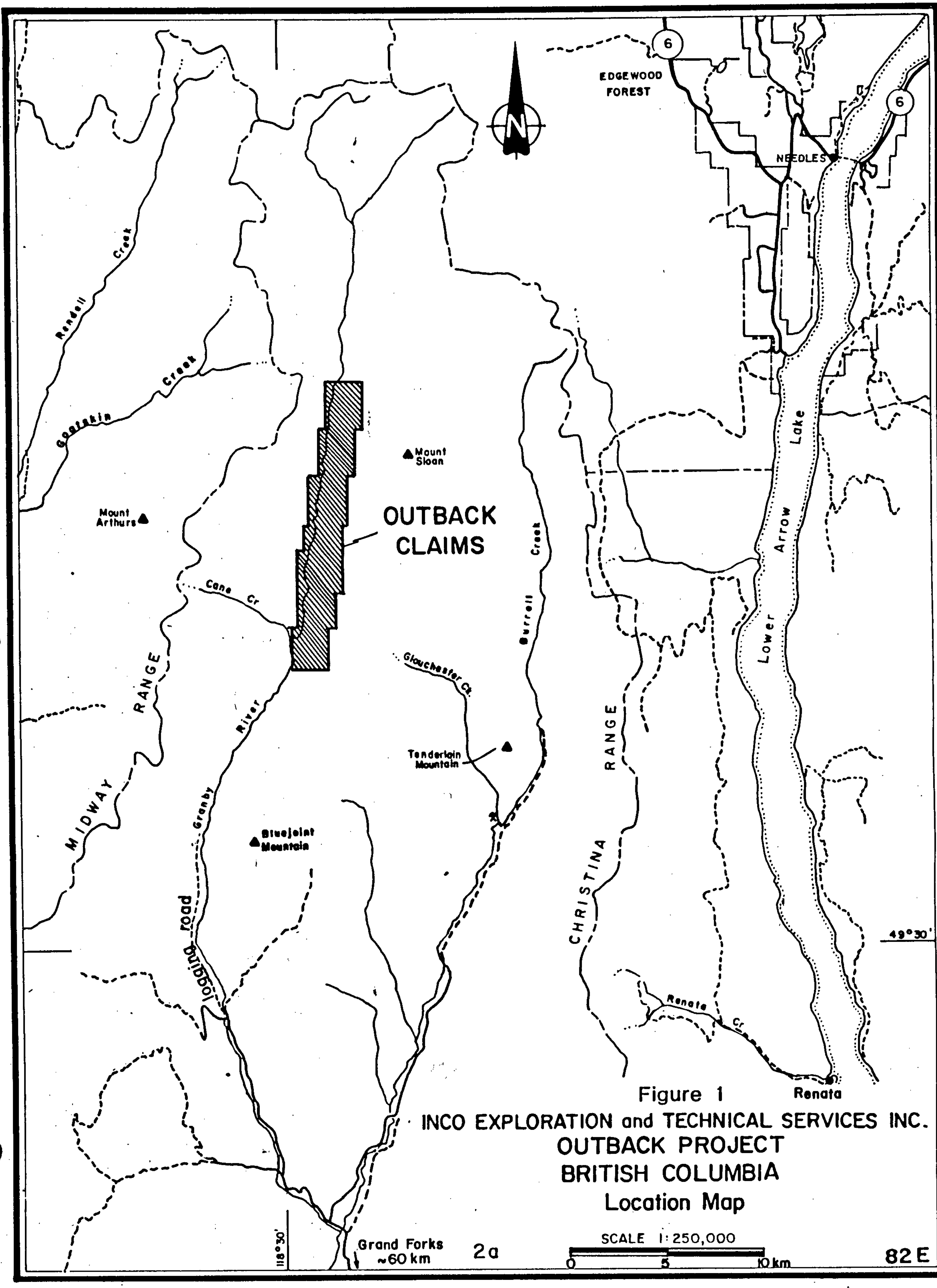


Figure 1
INCO EXPLORATION and TECHNICAL SERVICES INC.
OUTBACK PROJECT
BRITISH COLUMBIA
Location Map

2.2 Claim Inventory

The claims discussed in this report are recorded in the Greenwood Mining Division and consist of 129 units (3225 ha). For assessment purposes, the claims have been sub-divided under the group names Outback A and Outback B (see Figure 2). Details are as follows:

Group Outback A

Claim	Units	Record Date	Record Number
Outback	20	December 14, 1988	5332
Outback 3	2	October 2, 1989	5591
Outback 7	20	October 3, 1989	5595
Outback 8	20	October 3, 1989	5596
Outback 9	20	October 4, 1989	5597

Group Outback B

Claim	Units	Record Date	Record Number
Outback 2	12	August 24, 1989	5548
Outback 4	3	October 2, 1989	5592
Outback 5	16	October 3, 1989	5593
Outback 6	16	October 2, 1989	5594

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

2.3 Property History

No major detailed geological study has been conducted in the area prior to 1989. On a regional basis, H.W. Little of the Geological Survey of Canada mapped the north Grand Forks region between 1953 - 56.

During the late 1970's, uranium and limited base metal exploration were conducted within the Okanagan Batholith terrain. Kelvin Energy Ltd. and Getty Minerals staked most of the Granby River valley in 1977 - 78 in search of uranium mineralization 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 contained weak silver anomalies of up to 1.6 ppm Ag.

In 1989, Inco Exploration and Discovery Consultants of Vernon, B.C. carried out a limited program of contour soil sampling, geological mapping and rock sampling on the Outback and Outback 2 claims after examination of stream sediment results indicated gold mineralization in the area. Results of this work were documented in the 1989 assessment report by D.M. Bohme.

2.4 Work Summary

The operator of all work conducted on the Outback claim group is Inco Limited.

Field work was carried out during two periods. Between June 4 - 18, 1990, contractor Dean de La Mothe Exploration Services Ltd. completed the grid layout, linecutting and soil sampling. A total of 469 soil samples were collected. Inco personnel took 8 rock samples.

About 27 line-km of flagged and picketed grid line were established including 2.5 km of cut base line. Line spacings were at 75 m intervals with sample sites every 50 m. Survey control was facilitated by compass, slope correction by clinometer and hip-chain topofil methods.

Between July 20 - August 23, 1990, the following field program was carried out by a 4 - 6 person crew: prospecting, reconnaissance mapping at 1:10,000 scale, detailed mapping at 1:5000 scale, follow-up soil and silt sampling, rock chip sampling and minor hand trenching. A total of 210 rock, 99 soil and 28 silt samples were collected by Inco personnel. All samples were submitted for gold and multi-element analysis. Approximately 2250 ha or 70% of the claim area was mapped and/or prospected.

A petrographic report on the Beth Showing by C.H.B. Leitch is included in Appendix III.

3.0 REGIONAL GEOLOGY

The regional geology is predominantly Cretaceous - Jurassic granitic intrusions mapped as part of the Okanagan Batholith complex and includes undifferentiated phases of the Nelson Batholith (GSC Open File 1969). Locally within the Granby River valley, the geology is dominated by Tertiary block-faulting with Mesozoic basement plutonic rocks unconformably overlain by Eocene Marron Formation volcanic rocks and minor sedimentary strata of the Kettle River Formation.

Eocene volcanism is largely confined to narrow graben-like structures within the upper Granby River valley and is almost entirely andesitic to basaltic in composition. Mafic to intermediate dyke-like bodies occur locally in close proximity to inferred northerly trending faults.

4.0 PROPERTY GEOLOGY AND ALTERATION

The Outback property is almost entirely underlain by Mesozoic felsic plutonic rocks except for the northernmost portion which contains a large segment of Marron volcanics that is preserved in a graben bounded on the west by the Granby fault (see Maps 1, 4). Major rock types were as follows: quartz monzonite and lesser granite to granodiorite of the Okanagan Batholith, well foliated cataclastic textured quartz monzonite, Marron basalt-andesite flows and fine-grained dacite.

Felsic plutonic rocks are typically fine to medium grained and exhibit buff beige-gray to green weathering. The latter characterizes the two main alteration suites: weak to advanced argillic alteration in and close to major fault structures and a more regionally developed propylitic alteration. In all cases, the argillic alteration postdates the propylitic phase. Both alteration phases host gold-silver mineralization as either discordant drusy quartz veinlets or as semi-pervasive open-space silicification.

Mafic minerals are generally strongly chloritized in the propylite accompanied by variable amounts of carbonate, pyrite, magnetite and epidote. Fresher hornblende-rich intrusive rocks are more common at higher elevations.

Distinct advanced argillic-kaolinite alteration is characterized by intense bleaching such that only primary quartz phenocrysts remain unaffected. Secondary chalcedonic quartz is locally abundant primarily as more resistant veins and drusy veinlets. Limonite stained argilltized intrusive, strong iron-carbonate, hematite and traces of very fine pyrite are typical alteration suites within structurally prepared zones.

The cataclastic textured quartz monzonite is a gently dipping shear zone displaying intense foliation and ductile deformation of between 1 - 3 m thick (see Map 7). Small, erratically distributed outcroppings of this cataclasite tend to follow just above the argillic/propylite contact mapped on the gridded portion of the property. Mineralized crosscutting veinlets commonly occur within this zone of structural weakness. The shear is distinguished by millimetric to centimetric compositional layering of chloritic biotite-muscovite mica and some carbonate-amphibolite rich layers. Strong pyritic replacement and minor argillic bleaching occurs locally.

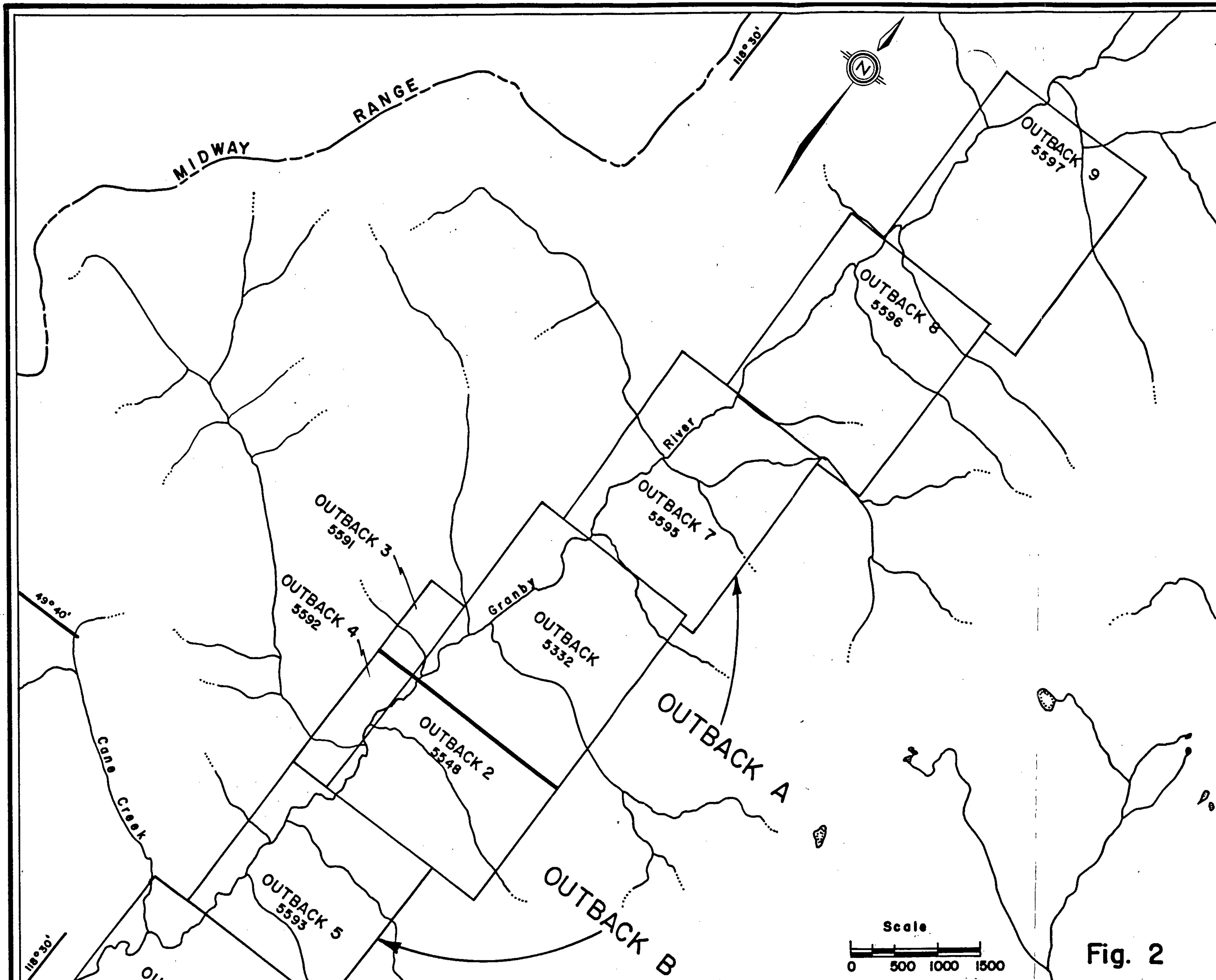


Fig. 2

INCO EXPLORATION AND TECHNICAL SERVICES INC.	
Project: Outback Property	Area: Grand Forks, B.C.
OUTBACK PROPERTY Claim Location Map	

Drawn by: J. Casidy	Date drawn: Aug 30/90	Revised:	
Scale: 1:50000	Map #:	N.T.S. 82 E/9,16	

The Marron Formation is composed mainly of thick andesite-basalt flows and less commonly as narrow dyke-like bodies. Flow rocks sometimes display flattened lapilli and are quite magnetic. Textures vary from aphanitic to vesicular to calcite-filled amygdaloidal basalt. Strong to weak rusty iron-carbonate-hematite alteration is present for up to 100 m away from the basalt-granite contact.

Slightly bleached, light grey-green, fine-grained dacitic dykes were mapped in one locality of the gridded claim area. Microfractures and wispy quartz veinlets generally cut this unit throughout. Traces of mafic phenocrysts and rare pyrite were sometimes noted in this siliceous-looking unit.

Immature, semi-consolidated volcanic matrix breccia and mashed-up sedimentary conglomeratic strata were noted along the Granby River towards the south part of the claim group. No fresh outcroppings of Kettle River Formation conglomerate or volcanic sandstone were found.

4.1 Structure

The upper Granby River valley follows a steep, east-dipping normal fault of Eocene age and is interpreted to be the western strike extension of the Republic Graben fault system south of the International Boundary. Tertiary block faulting has preserved discontinuous remnants of the Marron volcanic package in a graben-type setting. Vertical movement on the main Granby River fault is not known.

The massive outcrop exposures of Marron basalt to the north best exemplifies a graben sandwiched between two major subparallel faults. It measures about 1.2 km wide and at least 5.5 km long. Contacts are poorly exposed but traces of argillic bleaching, slickensides, carbonatization and chalcedonic quartz veining marks the contact zone.

Further to the south along the Granby River, small tectonized outcroppings of Marron volcanics outlines other discontinuous slices of the graben. Fault gouge, brecciation and kaolinitization were noted mostly within deformed intrusive rocks.

Several subsidiary fault splays are shown as inferred structures based on patchy carbonate-limonite alteration, locally intense argillic-sericitic alteration and some fracture-related quartz veining. Mapping to date implies that one particular 175°AZ trending fault splay branch of the main Granby Fault has formed a structural locus for gold-silver mineralization. This structure, known as the Cliff Fault, transects the granitoid rocks and appears to have formed an extensive fracture network interpreted as conduits for later silica deposition. Varying degrees of argillic to advanced argillic alteration is clearly associated with this fault and can be traced over several kilometres as an airphoto linear. The Leah, Cliff and Beth Showings all lie on or in close proximity to this structure. Strong fracturing at the Leah Showing consistently shows orientations of 170 - 180°AZ and dips of 65 - 80° to the west.

Weak to advanced argillic alteration radiating outward from this main fault appears to extend roughly over an 1800 by 200 m area. Crude hydrothermal zoning is evident from locally intense argillic-silicic replacement close to the structure to decreasing degrees of argillitization laterally for several tens of metres. The zoning from advance argillic to argillic is gradational whereas the zoning from argillic to propyllitic is more abrupt. Extensional, open-space fractures were typically filled-in by drusy white epithermal-style chalcedonic quartz or quartz carbonate veinlets.

The sinuous cataclastic shear zone is a gently SE dipping zone exhibiting intense foliation and penetrative ductile deformation. Irregularly spaced and oriented extension fractures cut the shear and, in some cases, the quartz veinlets follow along dilated foliation planes. The foliation dips to the SE at 25° or less. This shear appears to form an important vertical control on the distribution of mineralization. The degree of fracturing diminishes markedly above the shear and as a result gold-silver mineralization is negligible above this structural control.

The best developed through-going fracture systems consistently strike 05 - 30°AZ and dip 25 - 50°SE. Fracture veinlets are typically 0.05 - 2 cm thick and may be tightly sealed or partially filled by drusy, vuggy chalcedonic quartz. Crosscutting fractures typically can be traced out for several metres along strike. Near the argillic/propyllite contact, veinlet densities of 1 per 0.1 - 0.2 m are not uncommon; however, more typical concentrations are in the range of 1 fracture veinlet per 0.5 - 1.5 m.

4.2 Mineralization

Gold-silver mineralization is almost exclusively confined to Tertiary normal extensional faulting. Mineralization within the Cliff Fault - Beth Showing area occurs mostly in a weak to moderately developed stockwork of hairline to centimeter-size milky white, sugary chalcedonic quartz veinlets in a propylitized or kaolinitized quartz monzonite host.

Silica deposition occurs dominantly as open-space fracture fillings. Vuggy, drusy quartz textures are most common. Vein centres often display narrow cavities with fine aggregates of hexagonal quartz or bladed carbonate. Epithermal-style colloform, crustiform, vuggy cavities and finely banded textures are best developed at the Beth Showing suggesting multiple pulses of silica deposition. In thin section, chalcedony veinlets and discrete replacement zones up to 12 cm wide are composed of chalcedony ± adularia ± clay and minor iron carbonate. Veins are distinctly banded with selvages composed of fine sericite, chlorite, minor pyrite and pinkish grey potassic feldspar.

A talus grab sample below the Beth Showing of finely banded, brecciated vein material assayed 2.285 g/t Au and 150.3 g/t Ag (see Figure 3a, 3b). Quartz-adularia stockwork veinlets assayed 0.515 g/t ppb Au and 13.8 g/t Ag over 0.4 m. Other chip samples showed a gold content of 0.375 g/t or less.

Chip sampling just north of the Beth Showing in the vicinity of the Cliff Fault showed some encouraging results. Sampling along strike of a riedel fracture zone containing several thin through-going quartz veinlets assayed 6.779 g/t Au and 119.9 g/t Ag. Highly bleached, argillitized quartz monzonite with patchy secondary silica consistently carries a high gold geochemical background based on limited sampling. Gold content varies between 0.036 to .685 g/t.

Significant mineralization was also found on the southern portion of the grid and is likely associated with the fracture aureole surrounding the Cliff Fault. A narrow hydrothermal quartz-pyrite rich vein along the margins of an irregular dacite dyke assayed 9.036 g/t Au. Just to the north, four chip samples of a veined, well fractured andesite lapilli tuff returned gold up to 0.534 g/t. Nearby float of silica flooded, vein breccia material ran 1.579 g/t Au and 7.4 g/t Ag.

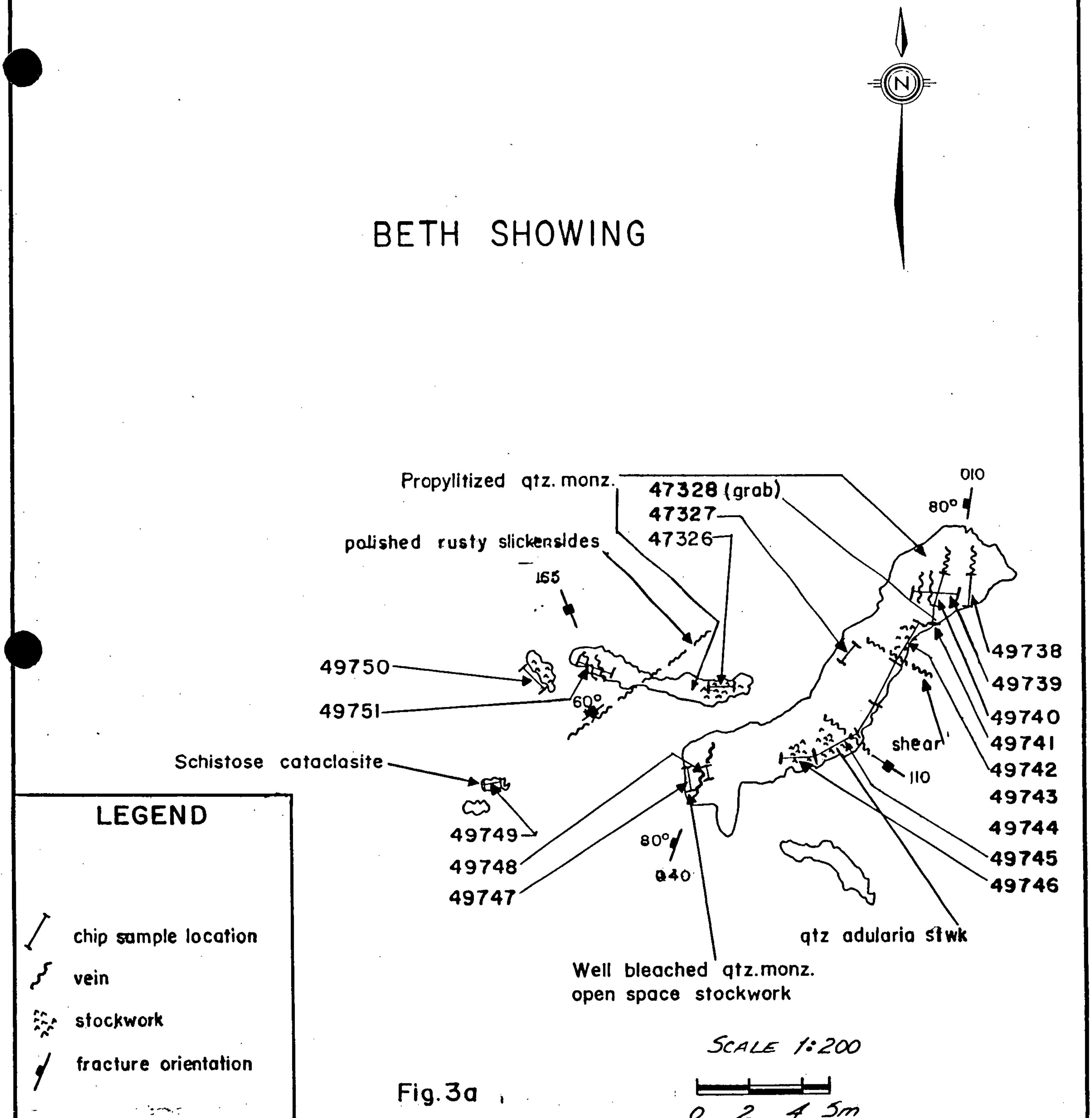
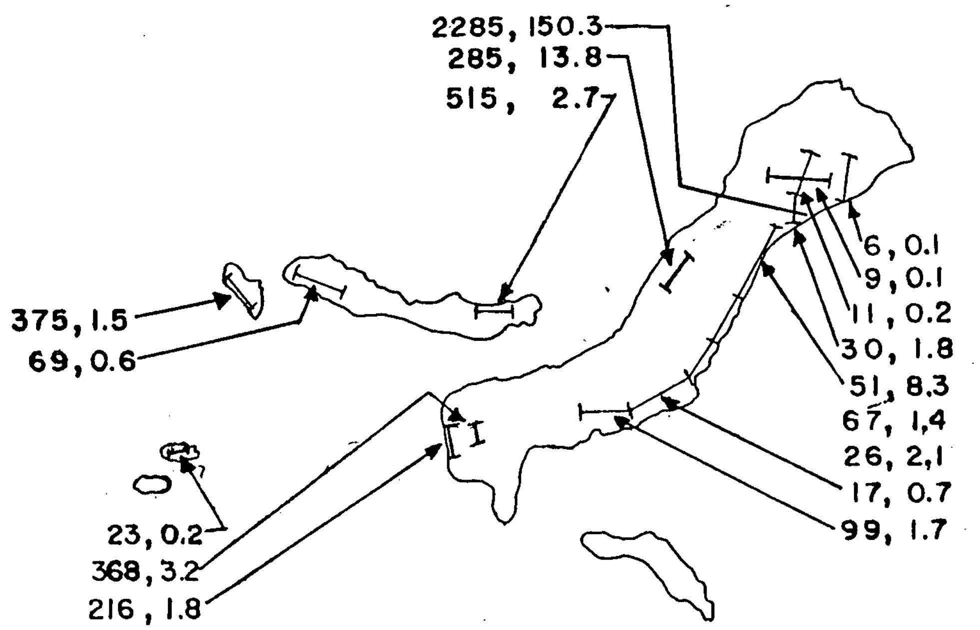


Fig. 3a

INCO EXPLORATION AND TECHNICAL SERVICES INC.			
Project: Outback Property		Area: Grand Forks, B.C.	
OUTBACK PROPERTY GEOLOGY - SAMPLE LOCATION			
Drawn by: J. Casidy	Date drawn: Aug 30/90	Revised: 10/16/90	
Scale:	Map #: 3a	N.T.S. 82 E/9	

BETH SHOWING



LEGEND

515, 2.7 Gold (ppb), Silver (ppm)

Fig. 3b

Scale 1:200

0 2 4 5m

INCO EXPLORATION AND TECHNICAL SERVICES INC.

Project: Outback Property	Area: Grand Forks, B.C.

OUTBACK PROPERTY
GOLD, SILVER GEOCHEMISTRY

Drawn by: I. Casidy	Date drawn: Aug 30/90	Revised: 10/17/90
Scale:	Map #: 3b	N.T.S. 82 E/9

The Leah Showing lies along the Granby River and defines the northern extension of the Cliff Fault (see Figure 4a, b). Several en-echelon, anastomosing sets of weakly banded, sugary chalcedony veins are hosted in this fault zone over a true width of 22 metres. An old open-cut working was excavated on one of the vein leads. Veins typically show coarse radial quartz along the outside margins with very fine chalcedony infillings towards the vein centre. Wallrocks are strongly bleached and kaolinitized with traces of pyrite, carbonate replacement and possible alunite alteration. With the exception of one chip sample which assaying 0.837 g/t Au, gold content was uniformly low.

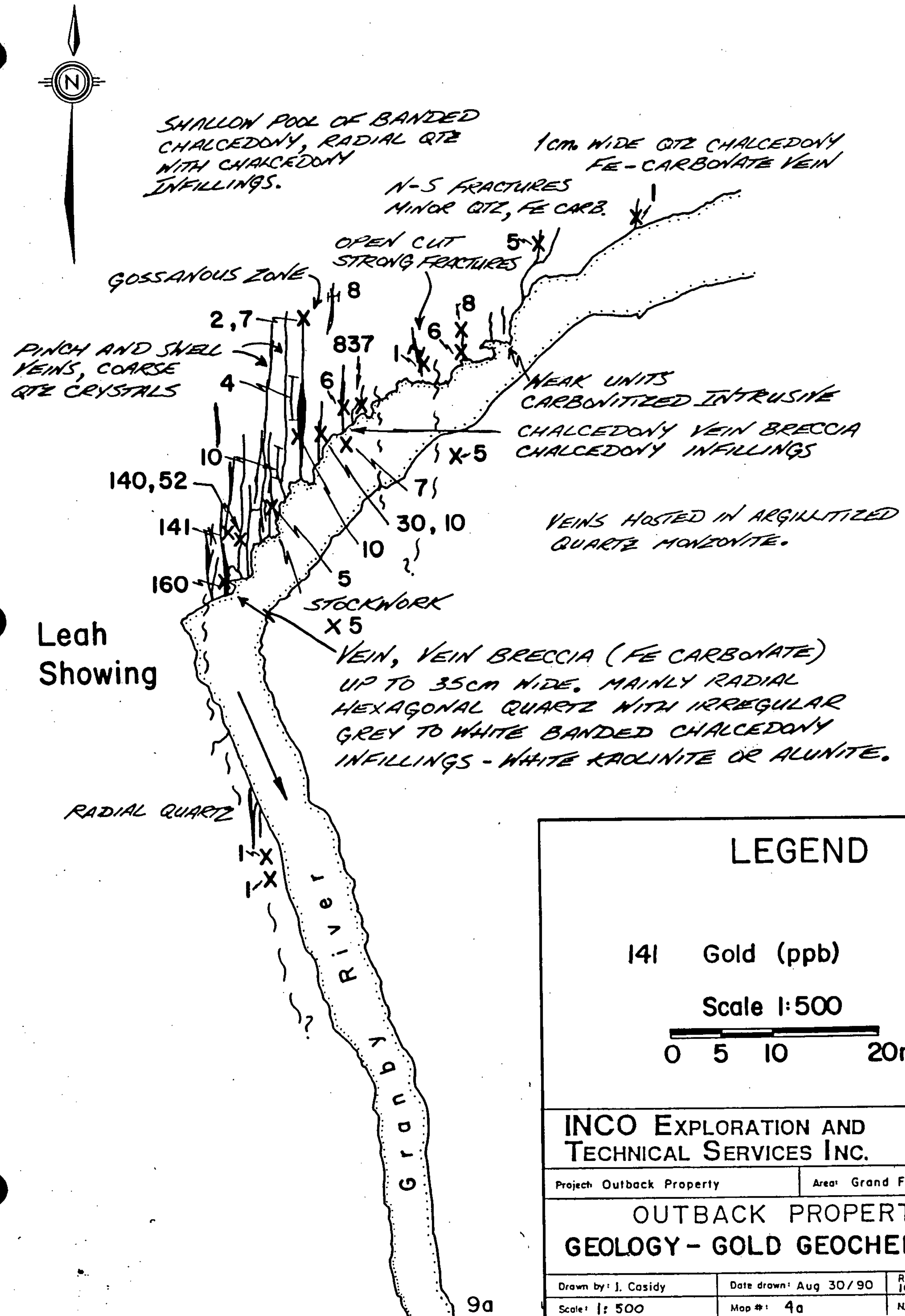
The Jane Showing located on the eastern boundary of the Outback claim, is a northwest-trending, steeply-dipping fault carrying fine stringers and chaotic breccia clasts of sulphide-rich ?vein material. Rusty breccia pods rarely exceed 0.30 m in length and are composed mostly of magnetite with lesser chalcopyrite and pyrite. Selected grab samples assayed up to 1.783 g/t Au, 29.4 g/t Ag and 1.0845 % Cu.

The Tara Showing occurs on the extreme western edge of the Outback claim and consists of several widely spaced beige-cream coloured chalcedony veins up to 0.25 m wide. These veins trend almost perpendicular to an inferred northwest-trending fault which bounds highly kaolinized intrusive from moderately propylitized quartz monzonite to the north. Gold mineralization is very erratic. One chip sample along strike of a branching vein yielded 6.950 g/t Au but most of the others were quite low.

On the Outback 7 claim just east of the Leah Showing, a 250 m by 20 to 25 m wide silicified zone of creamy-beige coloured massive chalcedony and chalcedonic quartz matrix breccia was discovered (see Map 10a, b). The Adrienne Showing however is not auriferous. Pervasive, multistage silicification and brecciation is evident and, in most cases, hydrothermally altered breccia fragments are barely recognizable as being granitic. Pyrite is rare but patches of tabular barite crystals were noted in several places.

Further north on the Outback 9 claim, the Carrie Showing displays narrow chalcedonic quartz veins within an intense argillic envelope extending for 1 - 3 m out from the veins. Several boulders of quartz flooded breccia were also sampled in the area. Results were 0.264 g/t Au or less. One float sample ran 106.5 g/t Ag.

Elsewhere, chalcedonic float boulders were sampled on two other drainages. On the Outback 8 claim, well banded fine-grained quartz boulders containing less than 1% pyrite assayed up to 3.710 g/t Au. A similar looking sample from the Granby River valley yielded 2.154 g/t Au and low silver. All pathfinder elements were very low.



LEGEND

141 Gold (ppb)

Scale 1:500

0 5 10 20m

Fig. 4a

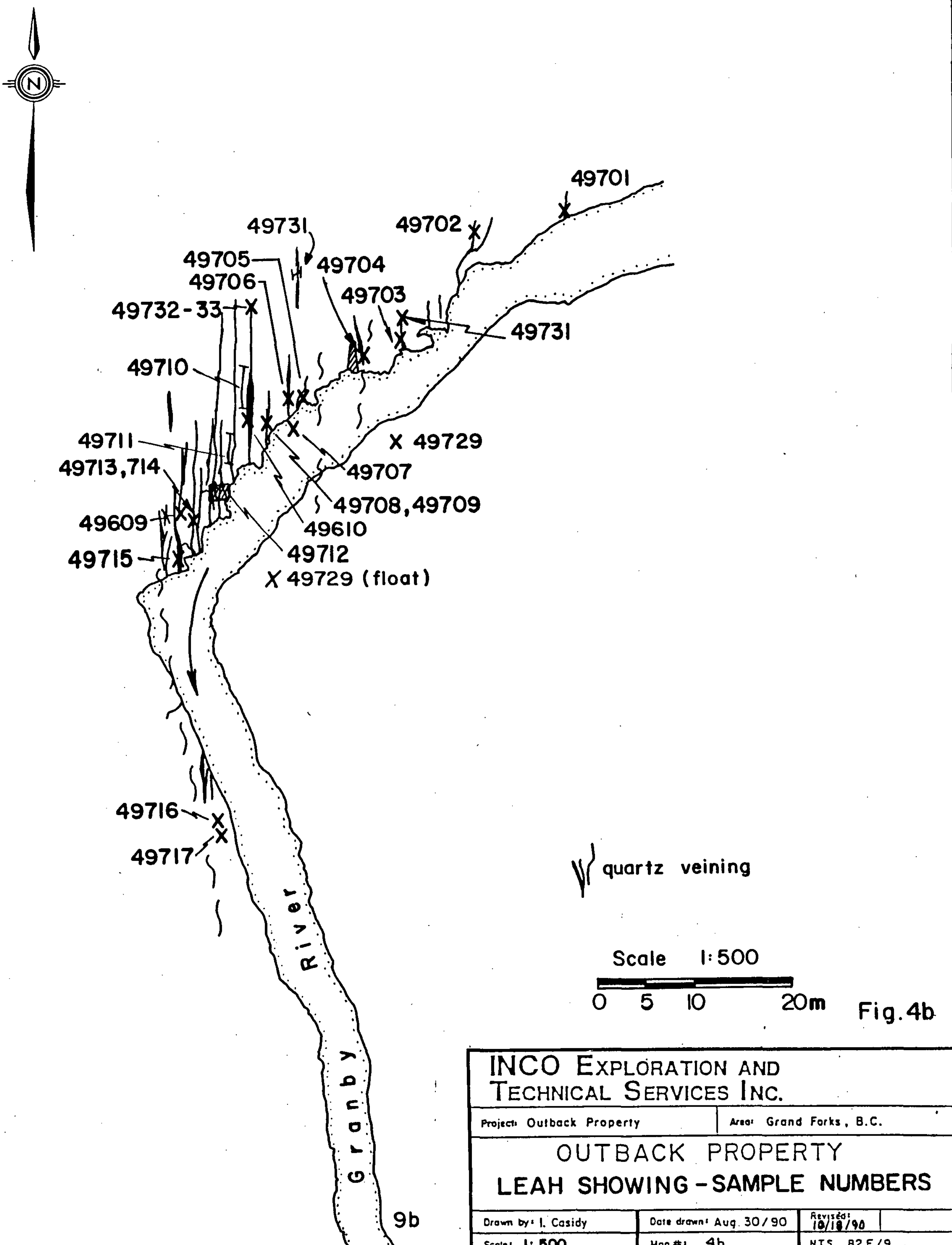
INCO EXPLORATION AND TECHNICAL SERVICES INC.

Project: Outback Property	Area: Grand Forks, B.C.

OUTBACK PROPERTY

GEOLOGY - GOLD GEOCHEMISTRY

Drawn by: J. Casidy	Date drawn: Aug 30/90	Revised: 10/18/90
Scale: 1:500	Map #: 4a	N.T.S. 82 E/9



N
49701
49702
49731
49705
49704
49706
49703
49732-33
49731
49710
49729
49711
49707
49713,714
49708,49709
49609
49610
49715
49712
49729 (float)
49716
49717
quartz veining
Scale 1:500
0 5 10 20m
Granby River
9b
INCO EXPLORATION AND TECHNICAL SERVICES INC.
Project: Outback Property
Area: Grand Forks, B.C.
OUTBACK PROPERTY
LEAH SHOWING - SAMPLE NUMBERS
Drawn by: I. Casidy
Date drawn: Aug. 30/90
Revised: 10/18/90
Scale: 1:500
Map #: 4b
N.T.S. 82 E/9

Fig. 4b

Overall, 5 new chalcedonic veined structures were discovered. Spotty gold-silver vein mineralization is controlled within these north-trending Tertiary faults and related fracture systems. The best target appears to be along the strike extension of the Cliff Fault zone over the gridded portion of the property where elevated gold is associated with quartz flooding, siliceous matrix breccia veinlets and transverse drusy quartz veinlets in a variably argillitized to propylitized quartz monzonite host.

5.0 GEOCHEMISTRY

All soil, stream sediment and rock chip samples collected by Inco personnel or contractors were prepared and analyzed by Acme Analytical Laboratories of Vancouver, B.C. A total of 210 rock, 99 soil and 28 silt samples were taken. Contractor Dean de La Mothe Exploration Services collected 469 grid soil samples. Samples were geochemically analyzed for Au and 30 trace elements.

Sample locations were plotted for the entire data set (see Maps 2, 5, 8 and 10a). Grid soil geochemical data using the dot-plot method was computer plotted for 3 elements by Prime Geochemical Methods Ltd. consultants of Vancouver, B.C. (see Maps 11a, b, c and d). Gold-silver was plotted for all rock samples (see Maps 3, 6, 9 and 10b).

The certificates of analysis for all samples are included in Appendix I. A brief description of each rock, silt and part of the soil geochemistry data is also included in Appendix II.

5.1 Field Procedure

Standard soil sampling techniques were used for the grid soil sampling. At each sample point a hole was dug with a mattock or shovel to an average depth of 25 cm in order to sample the zone of accumulation or the B-horizon. A soil sample was then taken from the bottom of the hole and placed in a numbered kraft paper bag. Stream sediment samples were usually taken with the aid of a trowel.

Soils in the region are generally poorly developed podzols. In many cases the whitish leached A_1 horizon and the reddish brown, enriched B horizon is absent to moderately developed. Along the Granby River valley, glacial till varies between poorly sorted porous gravel to intermixed clay and immature soil layers. Organic material in the samples were usually less than 10%.

The majority of rock chip samples were taken over a measured width or area. A chisel and a 1 kg hammer were utilized for most of the rock chip samples. Rock sample weights were about 1.0 to 2.5 kg.

5.2 Laboratory Procedure

For silt and soil samples analyzed by Acme Labs, samples were dried in their envelopes and sieved to obtain a -80 mesh fraction. Then 0.5 gram sample is digested in 3 ml of 3:1:2 $HCl-HNO_3$ - H_2O solvent at 95°C for one hour and is then diluted to 10 ml with water. The digested sample is analyzed for 30 elements by inductively coupled argon plasma method (ICP). This leach is partial for Mn, Fe, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K and Al.

For Au, a 10 g sample is ignited at 600°C and digested with 30 mls hot dilute aqua regia. Then 75 mls of clear solution is extracted with 5 mls Methyl Isobutyl Ketone. Gold is determined in the acid leach MIBK extract by graphite furnace Atomic Absorption analysis to a 1 ppb detection limit.

Rock samples were pulverized to -150 mesh and analyzed using the sample procedures outlined above. For Au, however, the 10 gram sample is preconcentrated using fire assay techniques and finished by ICP geochemical analysis.

5.3 Rock, Soil and Silt Geochemistry - Discussion

Distribution histograms were computer generated for the entire soil survey by Prime Geochemical Methods Ltd. Threshold values for Au, Ag and Cu were determined at 30 ppb, 0.8 ppm and 81 ppm, respectively by adding the mean plus two standard deviations derived from the log normal histogram plot (90th percentile).

The gold-silver plots outline a cluster of strongly anomalous soils between lines 3950S to 4400S. Dimensions of this anomaly, displaying peak values of 2.280 g/t Au and 5.6 g/t Ag, are roughly 600 m by 250 m and encompasses the Beth and cliff showings east of the Cliff Fault. Several soil anomalies of 0.150 g/t Au and 1.5 g/t Ag or greater correlate to the area between the Cliff Fault and the shallow dipping cataclasite shear zone. A soil sample directly below the Beth Showing ran 0.160 g/t Au.

The middle portion of the grid displays a very erratic Au-Ag distribution, but an apparent weak Au-Ag anomaly persists along the projected southern extension of the Cliff Fault. Peak values were 0.470 g/t Au and 3.9 g/t Ag.

Gold-silver anomalies drop off dramatically over the southernmost end of the grid. This implies a possible structural break in the drainage bordering where the soil geochemistry increases to the north and drops off significantly to the south.

Erratic copper anomalies are most abundant on the middle part of the grid. A cluster of anomalies towards the northeast corner coincides with an area of poor outcrop exposure; however, hairline fracture coatings of chalcopyrite in propylitized quartz monzonite were noted in float specimens from this region.

By inspection of the data, the best element correlating to gold is silver, although this relationship is somewhat erratic. The only other element displaying a weak correlation to gold is barium and to a lesser extent, copper. Indicator elements such as Mo, As and Sb are consistently well below background levels.

No significant silt geochemical anomalies were generated from this survey.

In almost all cases, the rock geochemistry remains consistent to the soil data, that is an erratic but readily correlatable gold-silver relationship exists but all other indicator elements were usually well below background. In the generalized epithermal model, vein and wallrock geochemistry suggests a low-level epithermal system.

At the Adrienne Showing, a very high background in barium is recognized for the chalcedony replacement zone. Several rock chip samples ran over 2000 ppm Ba but gold-silver content is negligible. One notable exception to the low indicator element signature is from the Tara Showing. The best sample, assaying 6.95 g/t Au, also contains Mo at 109 ppm and Pb at 200 ppm. Other samples from this area however, did not show this signature.

6.0 CONCLUSIONS

Surface mapping and sampling has defined a north-trending structurally prepared zone displaying variable degrees of argillic, silicic and potassic alteration over a strike length of 1800 metres and a maximum width of 200 m. Soil and rock geochemistry within this zone displays an anomalous gold-silver content, particularly towards the northern end of the grid. Hydrothermal activity has produced a crude alteration zoning around this structure, grading from an innermost intensely bleached advanced argillic phase to less argillic laterally for several tens of metres and eventually into a more regionally extensive propylitized zone. A schistose cataclasite shear appears to form a gradational structural control for the mineralization to the east. Intrusive rocks are only mineralized and/or hydrothermally altered where they have been fractured by related Tertiary faulting. These areas constitute viable exploration targets for epithermal-style gold-silver mineralization.

Milky white multi-episodic drusy quartz was dominantly deposited as open-space fracture fillings giving vuggy, colloform, crustiform and finely banded textures. With the exception of barium, all trace elements are well below background levels. Geochemistry, wallrock alteration and vein textures are interpreted to be associated with the lower levels of an epithermal system.

7.0 RECOMMENDATIONS

The following exploration work is recommended for the Outback claim group.

1. More definitive mapping, prospecting and rock chip sampling within the structurally prepared 1800 m by 200 m area is warranted in order to determine the dimensions, structural controls, grade continuity and mineralogy of the hydrothermal alteration and apparent gold-silver mineralization. The Tara Showing area also warrants some follow-up work.

2. Specific targets of potential gold-silver mineralization may warrant trenching either manually, by mechanized machinery or by plugger drilling and blasting techniques.

3. Dependent upon encouraging results of the preceding exploration work, provision for a 1000 m diamond drill program is recommended for the most attractive target area.

8.0 REFERENCES

Bohme, D.M. (1989): Geological and Geochemical Report on the Outback Claims, Greenwood Mining Division; unpublished report for Inco Limited, B.C.M.E.M.P.R. assessment report.

Garber, R.J., Louring, J.T., Lund, J.L., (1979): Geological and Geochemical Report on Granby Project, Greenwood Mining Division; B.C.M.E.M.P.R. assessment report 7246.

Little, H.W. (1957): Kettle River, East Half, B.C.; Geological Survey of Canada Map 6-1957.

Monger, J.W.H. (1968): Early Tertiary Stratified Rocks, Greenwood map-area, B.C.; Geological Survey of Canada, Paper 67-42, 39 p.

Parrish, R.R., Carr, S.D. and Parkinson, D.L. (1987): Extensional Tectonics of the southern Omineca Belt, B.C. and Washington; Tectonics, Volume 7.

Tempelman-Kluit, D.J., (1989): Geological Map, Penticton Map Area (NTS 82E) Southern British Columbia; Geological Survey of Canada, Open File 1969.

9.0 STATEMENT OF COSTS - Outback Claims

<u>Personnel</u>			
D. Bohme	June 6-9, July 17-Aug. 23/90		
Project Geologist	38 days @ $200/day	$7600	
H. Klatt	July 20-Aug. 17, 1990		
Geologist	29 days @ $150/day	4350	
I. Casidy	August 1-23, 1990		
Assistant	21 days @ $175/day	3675	
D. Rawlek	July 20-August 17, 1990		
Geologist	29 days @ $116/day	3364	
S. Porter	July 23-August 15, 1990		
Assistant	24 days @ $94/day	2256	
T. Laycock	August 2-15, 1990		
Assistant	14 days @ $86/day	1204	
			$22,449
<u>Contract Work</u>			
Soil sampling, gridding, linecutting		$9232	
Petrographic descriptions		369	
			$9601
<u>Geochemical Charges</u>			
210 rock samples @ $14.00/sample		$2940	
596 soil/silt samples @ $9.00/sample		5364	
			$8,304
<u>Transportation</u>			
Helicopter 206B	22.1 hrs. @ $710/hr including fuel	$15,691	
4x4 truck rental	10 days @ $85/day including fuel	850	
Airfare	Vancouver to Castlegar, return	826	$17,367
<u>Accommodation</u>			
Motels			$680
<u>Meals and groceries</u>			$3516
<u>Field Supplies</u>			
Lumber, hardware, camp gear, etc.		$1343	
Reproductions, maps, airphotos		840	
Typing, copying, etc.		900	
			$3083
		TOTAL	$65,000

We hereby certify:

1. Approximately 66.2% of the work described in this report was completed on the claims comprising the Outback A Group amounting to **$43,000.**

2. Approximately 33.8% of the work described in this report was completed on the claims comprising the Outback B Group amounting to **$22,000.**

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.

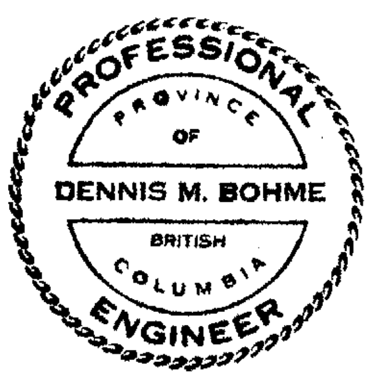
3. I am a graduate of the Montana College of Mineral Science and Technology, in Butte, Montana, with the degree of Bachelor of Science in Geological Engineering, 1985.

4. I have been employed in mining exploration as a technician 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 Project Geologist with Inco Exploration and Technical Services Inc. with offices at 512-808 Nelson Street, Vancouver, B.C., V6Z 2H2.

7. I personally carried out and supervised much of the work described in this report.



Dennis M. Bohme, P.Eng.
October 19, 1990
Vancouver, B.C.

APPENDIX I

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 BC 90-01 File # 90-3548 Page 1

P.O. Box 12134, 512 - 808 Nelson St., Vancouver BC V6Z 2H2 Submitted by: D. 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
RX 045565	1	6	2	57	.5	4	13	1022	3.88	5	14	ND	7	565	.5	2	2	40	3.86	.112	23	6	1.17	933	.01	2	.44	.02	.14	1	1
RX 045566	12	68	161	3	17.5	11	1	43	.65	4	5	ND	4	5	.2	2	2	2	.02	.006	12	8	.01	153	.01	4	.10	.01	.06	1	11
RX 045567	1	4	34	1	.1	2	1	38	.43	2	5	ND	7	2	.2	2	2	1	.01	.002	16	2	.01	56	.01	6	.12	.01	.06	1	1
RX 045568	2	4	11	1	.2	8	1	78	.44	4	5	ND	1	10	.2	2	2	1	.01	.003	4	7	.01	711	.01	2	.09	.01	.05	1	66
RX 045569	1	5	2	5	.1	2	1	111	.56	5	5	ND	4	3	.2	2	2	1	.01	.004	9	2	.01	534	.01	2	.10	.01	.04	1	1
RX 045570	2	3	5	1	.1	6	1	20	.36	2	5	ND	1	134	.2	2	2	1	.01	.001	2	5	.01	1554	.01	3	.10	.01	.05	1	1
RX 045571	1	3	14	1	.1	1	1	71	.41	2	5	ND	1	47	.2	2	2	2	.02	.003	2	2	.01	1836	.01	3	.16	.01	.09	1	13
RX 045572	2	17	14	2	.1	8	1	36	.53	4	5	ND	2	12	.2	2	2	1	.01	.005	6	8	.01	402	.01	2	.13	.01	.06	1	1
RX 045573	1	10	2	1	.1	1	1	98	.64	3	5	ND	3	6	.2	2	2	1	.01	.003	9	3	.01	99	.01	2	.14	.01	.06	1	1
RX 045574	3	18	2	2	.1	4	1	54	.52	2	5	ND	4	7	.2	2	2	1	.01	.005	11	8	.01	109	.01	3	.14	.01	.07	1	5
RX 045575	4	1	7	1	.1	1	1	62	.53	2	5	ND	12	6	.2	2	2	1	.01	.016	34	1	.01	444	.01	3	.14	.01	.09	1	1
RX 045576	6	6	6	5	.1	9	1	33	.78	5	5	ND	8	15	.2	2	2	2	.02	.015	18	6	.01	168	.01	2	.17	.01	.09	1	1
RX 045577	1	3	3	5	.2	6	3	100	1.11	5	5	ND	8	17	.2	2	2	3	.04	.033	23	5	.01	177	.01	2	.18	.01	.08	1	1
RX 045578	2	10	20	7	.2	10	2	131	.63	4	5	ND	2	59	.2	2	2	3	.07	.023	9	12	.01	626	.01	2	.22	.01	.07	1	1
RX 045579	1	4	3	1	.1	1	1	87	.44	2	5	ND	1	10	.2	2	2	1	.01	.002	2	2	.01	498	.01	4	.13	.01	.05	1	1
RX 045580	2	5	11	1	.1	8	1	85	.33	2	5	ND	1	13	.2	2	2	1	.01	.002	2	8	.01	721	.01	2	.14	.01	.05	1	1
RX 045581	1	4	4	2	.1	3	1	70	.55	2	5	ND	1	9	.2	2	2	1	.01	.007	5	4	.01	319	.01	2	.10	.01	.04	1	1
RX 045582	2	3	2	1	.1	7	1	43	.29	4	5	ND	1	3	.2	2	2	2	.01	.002	2	6	.01	101	.01	2	.16	.01	.06	1	1
RX 045583	2	2	4	1	.1	4	1	32	.26	2	5	ND	1	4	.2	2	2	2	.01	.003	3	4	.01	109	.01	2	.18	.01	.07	1	1
RX 045584	2	2	6	1	.1	3	1	41	.33	2	5	ND	1	10	.2	2	2	1	.02	.001	2	4	.01	533	.01	2	.11	.02	.05	1	1
RX 045585	2	1	6	6	1.5	4	1	39	.24	2	5	ND	1	65	.2	2	2	1	.01	.002	4	5	.01	1687	.01	2	.13	.01	.07	1	82
RX 045586	2	4	19	6	.3	4	1	83	.50	2	5	ND	1	99	.2	2	2	2	.01	.004	2	4	.01	1583	.01	3	.13	.01	.05	1	1
RX 045587	3	2	12	1	.1	5	1	54	.33	2	5	ND	1	17	.2	2	2	1	.01	.003	2	6	.01	1012	.01	2	.16	.01	.07	1	1
RX 045588	2	2	8	1	.1	6	1	50	.33	4	5	ND	1	28	.2	2	2	1	.01	.002	2	5	.01	1358	.01	2	.12	.01	.05	1	1
RX 045589	2	3	10	1	.4	7	1	54	.39	4	5	ND	1	94	.2	2	2	2	.02	.004	3	7	.01	2046	.01	2	.15	.01	.06	1	3
RX 045590	1	3	2	1	.2	1	2	47	.31	2	5	ND	1	59	.2	2	2	1	.01	.002	2	4	.01	2007	.01	2	.12	.01	.05	1	2
RX 045591	2	3	10	1	.3	6	1	77	.33	2	5	ND	1	28	.2	2	2	1	.02	.003	2	7	.01	721	.01	2	.10	.01	.05	1	2
RX 045592	2	3	23	1	.1	3	1	60	.56	2	5	ND	1	82	.2	2	2	2	.10	.007	2	5	.01	587	.01	2	.13	.01	.05	1	1
RX 045593	3	1	34	2	.1	7	1	46	.51	2	5	ND	1	41	.2	2	2	1	.03	.008	2	8	.01	569	.01	2	.13	.01	.06	2	1
RX 045594	2	3	16	1	.1	4	1	52	.47	2	5	ND	1	51	.2	2	2	2	.04	.011	3	6	.01	332	.01	2	.17	.01	.09	1	3
RX 045595	2	1	2	1	.1	7	1	66	.36	4	5	ND	1	3	.3	2	2	1	.01	.004	3	7	.01	120	.01	2	.10	.01	.05	1	1
RX 045596	1	2	7	1	.1	3	1	59	.42	2	5	ND	4	68	.2	2	2	1	.01	.004	7	5	.01	1726	.01	2	.12	.01	.06	1	8
RX 045597	3	2	36	1	.1	6	1	46	.37	3	5	ND	1	30	.2	2	2	1	.04	.003	2	8	.01	278	.01	2	.13	.01	.05	1	1
RX 045598	1	2	43	1	.1	3	1	65	.36	4	5	ND	1	61	.2	2	2	1	.04	.006	3	4	.01	252	.01	2	.11	.01	.04	1	1
RX 045599	2	2	3	1	.4	3	1	58	.23	2	5	ND	1	19	.2	2	2	1	.01	.001	2	5	.01	2154	.01	2	.10	.01	.05	1	1
RX 045600	4	2	6	1	.5	1	2	83	.37	3	5	ND	1	23	.3	2	2	1	.01	.002	2	2	.01	1901	.01	2	.13	.01	.05	1	7
STANDARD C/AU-R	18	58	35	131	6.8	73	31	1046	3.94	43	22	7	36	52	18.4	15	20	55	.50	.093	36	56	.86	180	.07	33	1.87	.06	.14	12	461

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: P1-P5 Rock P6-P7 Soil/Silt AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 16 1990 **DATE REPORT MAILED:** Aug 21/90 **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
RX 046222	3	20	21	104	.3	4	2	269	.83	3	5	ND	2	9	.2	2	2	6	.09	.009	5	4	.01	26	.01	3	.13	.02	.05	1	2
RX 046223	3	4	3	8	.1	8	1	43	.43	3	5	ND	2	3	.2	2	2	1	.01	.007	8	6	.01	8	.01	3	.13	.01	.03	1	2
RX 047192	2	5	15	29	.5	4	3	271	1.49	4	5	ND	2	16	.2	2	12	20	.05	.018	3	3	.01	66	.01	3	.16	.03	.10	1	3
RX 047193	27	4	37	50	.1	8	7	318	2.85	13	5	ND	15	27	.2	2	4	40	.03	.012	3	6	.01	404	.01	6	.18	.03	.08	1	3
RX 047194	1	32	24	72	.3	3	3	288	1.33	2	8	ND	10	32	.2	2	2	14	.13	.007	4	3	.06	151	.01	2	.28	.02	.13	1	3
RX 047195	1	36	14	54	.2	4	5	573	2.41	2	5	ND	2	147	.2	2	2	24	.94	.012	5	4	.20	97	.01	3	.24	.02	.12	1	8
RX 047196	12	292	6	9	8.4	11	2	38	.98	4	5	2	1	4	.2	2	2	3	.02	.004	2	9	.01	11	.01	2	.10	.01	.05	1	2154
RX 047197	7	43	11	17	1.6	4	7	193	4.42	2	5	ND	1	25	.2	2	3	48	.22	.143	3	2	.23	151	.10	6	.73	.03	.20	2	7
RX 047198	4	42	18	44	.3	9	10	597	2.77	7	5	ND	1	22	.2	3	2	41	.69	.068	4	9	.75	160	.05	3	1.32	.01	.15	3	19
RX 047199	1	20	8	43	.1	7	13	762	4.16	2	5	ND	2	30	.9	2	2	68	.59	.122	7	4	1.20	53	.16	6	2.06	.03	.11	1	105
RX 047200	2	4	15	31	.1	5	2	493	1.49	2	5	ND	8	11	.2	2	2	12	.03	.008	11	6	.05	22	.01	2	.31	.04	.07	1	1
RX 047253	9	139	851	50	7.9	7	13	363	3.81	3	5	ND	2	75	.7	2	3	13	1.10	.033	5	4	.15	13	.02	2	.59	.01	.17	1	283
RX 047254	3	23	4	36	.2	9	12	234	4.58	2	5	ND	6	103	.3	2	2	40	.54	.070	10	11	.87	20	.04	3	1.35	.02	.17	1	9
RX 047255	1	29	6	43	.4	8	13	700	4.45	7	5	ND	5	29	.3	2	5	71	.45	.074	8	11	1.15	38	.08	3	1.35	.04	.14	1	51
RX 047256	2	88	7	44	1.0	10	14	724	5.11	22	5	ND	6	30	.4	2	2	53	.50	.064	11	12	1.05	46	.01	5	1.67	.02	.17	1	263
RX 047257	1	20	2	31	1.0	8	10	578	3.73	4	5	ND	2	14	.2	2	2	77	.25	.056	8	9	.84	50	.01	2	1.21	.02	.13	1	247
RX 047258	3	6	15	32	1.8	8	2	83	1.55	5	5	ND	11	9	.2	2	2	11	.03	.008	13	7	.01	20	.01	2	.18	.03	.06	1	685
RX 047259	1	4	7	28	.5	3	1	76	1.56	2	5	ND	12	4	.2	2	2	9	.01	.003	9	4	.01	8	.01	2	.27	.01	.07	1	245
RX 047260	3	2	6	13	.1	8	1	293	1.27	2	5	ND	5	23	.2	2	2	3	.43	.007	8	6	.01	25	.01	2	.15	.02	.07	1	88
RX 047261	1	17	2	16	119.9 ✓	5	6	450	3.25	7	5	11	2	170	.6	2	2	29	1.76	.034	6	6	.53	24	.03	2	.80	.01	.09	1	6779
RX 047262	3	3	6	30	.2	6	1	175	1.42	2	5	ND	6	9	.2	2	2	5	.03	.008	10	7	.01	15	.01	2	.16	.03	.09	1	156
RX 047263	1	6	7	16	.5	3	1	79	1.41	2	5	ND	4	10	.2	2	2	3	.04	.008	8	4	.01	19	.01	2	.16	.02	.09	1	123
RX 047264	3	2	10	21	.1	9	1	221	1.37	2	5	ND	4	7	.2	2	2	3	.02	.005	7	8	.01	19	.01	2	.14	.03	.07	1	177
RX 047265	1	3	8	19	.6	4	1	227	1.90	2	5	ND	3	10	.2	2	2	6	.03	.009	6	4	.01	13	.01	2	.17	.03	.06	1	327
RX 047266	3	4	3	20	.1	9	2	309	2.36	2	5	ND	3	15	.2	2	3	23	.15	.032	9	9	.23	20	.04	2	.45	.02	.07	1	15
RX 047267	1	39	7	37	.7	19	22	557	5.54	2	5	ND	2	76	.7	2	2	98	1.11	.052	4	7	.87	27	.07	2	1.15	.03	.07	1	50
RX 047268	2	6	5	32	.1	10	8	577	3.94	2	5	ND	3	66	.4	2	2	53	.61	.069	7	11	.86	41	.12	2	1.38	.03	.13	1	54
RX 047269	1	41	2	42	7.9	5	8	641	4.02	2	7	ND	4	58	.4	2	3	45	.54	.070	11	5	.71	38	.05	2	1.21	.03	.12	1	234
RX 047270	4	5	10	2	.2	8	1	60	1.39	2	5	ND	1	17	.2	2	2	2	.02	.001	2	7	.01	1266	.01	2	.12	.01	.06	1	2
RX 047271	1	2	11	27	.1	2	2	237	2.03	2	5	ND	11	10	.2	2	2	7	.02	.010	2	3	.01	26	.01	2	.23	.05	.07	1	12
RX 047272	2	13	64	4174	.5	11	8	530	3.58	2	5	ND	2	17	6.8	2	2	31	1.04	.048	4	10	.64	31	.04	2	1.32	.01	.14	1	234
RX 047273	1	25	2	31	38.4 ✓	6	9	490	4.20	3	5	ND	3	50	.2	2	2	55	.57	.067	6	7	.80	36	.07	2	1.32	.03	.14	1	668
RX 047274	11	100	3	19	.4	8	9	64	5.81	5	5	ND	2	11	.2	2	2	43	.06	.026	2	10	.19	30	.05	2	.39	.02	.06	3	8
RX 047275	3	186	2	25	.2	11	6	389	3.51	2	5	ND	2	49	.2	2	2	75	.58	.051	5	13	.73	37	.08	2	.84	.04	.07	1	1
RX 047276	4	590	5	51	.3	7	14	602	4.88	2	5	ND	4	48	.3	2	2	100	.81	.079	6	12	1.02	62	.17	2	1.28	.08	.23	1	42
RX 047277	2	29	2	42	.3	11	10	838	4.65	2	5	ND	4	46	.8	2	2	63	.71	.204	9	12	1.26	57	.06	2	1.82	.03	.15	1	6
STANDARD C/AU-R	19	59	40	130	7.1	73	32	1052	4.01	41	21	7	38	52	18.4	15	21	57	.52	.094	39	57	.89	182	.08	35	1.89	.06	.13	11	488

✓ ASSAY RECOMMENDED

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
RX 047278	30	88	2	1	.2	6	7	162	1.36	2	5	ND	1	6	.2	2	2	11	.11	.023	2	6	.17	3	.01	2	.29	.01	.02	1	2
RX 047279	2	12	2	34	.1	8	3	442	2.21	2	5	ND	7	43	.2	3	2	48	1.52	.105	8	14	.94	14	.08	12	.91	.06	.05	1	1
RX 047280	1	11	2	70	.3	15	9	468	3.49	2	5	ND	5	23	.2	3	5	77	.80	.155	27	60	1.09	67	.36	4	1.94	.01	.22	2	242
RX 047281	1	17	9	58	.1	19	9	479	3.25	4	5	ND	3	24	.2	3	3	65	.75	.148	26	64	1.00	68	.33	2	1.75	.01	.21	1	119
RX 047282	1	12	19	72	.1	17	9	447	3.50	2	5	ND	4	26	.2	2	2	71	.81	.158	27	66	1.02	79	.36	3	1.80	.01	.20	1	212
RX 047283	1	9	3	69	.4	17	8	463	2.81	3	5	ND	3	20	.2	2	2	55	.64	.125	22	55	.86	53	.29	2	1.56	.01	.16	1	534
RX 047284	1	7	4	32	.1	4	4	533	1.67	3	5	ND	3	13	.2	2	2	14	.35	.046	20	4	.33	69	.01	2	.90	.02	.21	1	19
RX 047285	25	75	2	6	.8	7	11	159	5.05	2	5	7	2	10	.2	2	4	11	.14	.040	4	4	.17	50	.01	2	.42	.02	.17	1	9032
RX 047286	1	6	4	36	1.5	1	2	653	2.30	2	5	ND	7	25	.2	2	2	25	.33	.042	21	3	.26	70	.01	2	.81	.03	.17	1	434
RX 047287	2	6	2	13	7.4	8	1	268	1.02	2	7	2	3	12	.2	2	2	15	.07	.020	7	7	.06	27	.01	5	.37	.01	.10	1	1579
RX 049601	1	10	5	10	.1	1	3	296	1.59	2	5	ND	1	20	.2	2	2	29	.34	.051	7	5	.37	29	.01	2	.73	.03	.12	1	25
RX 049602	2	90	7	33	.5	6	9	477	4.42	2	5	ND	2	13	.2	2	2	62	.32	.106	10	9	.95	59	.01	2	1.60	.02	.17	1	6
RX 049603	10	196	18	20	.8	2	6	217	7.69	6	8	ND	3	22	.2	2	8	44	.08	.055	5	12	.49	131	.03	4	1.01	.02	.13	1	21
RX 049604	6	280	4	29	.9	7	10	1522	3.62	8	5	ND	2	119	.2	2	4	53	4.57	.049	6	17	.97	38	.01	2	1.43	.01	.13	1	20
RX 049605	14	273	2	14	.6	5	12	240	6.67	2	5	ND	5	51	.2	2	2	93	.29	.078	7	14	.74	42	.02	2	1.27	.04	.20	1	25
RX 049606	2	29	3	57	.1	6	7	940	3.73	6	5	ND	5	29	.2	2	4	62	.46	.091	10	11	1.04	49	.09	2	1.51	.02	.17	1	9
RX 049607	13	5	7	18	.1	5	5	286	1.87	31	5	ND	3	12	.2	2	2	19	.07	.038	7	5	.18	91	.03	2	.60	.01	.16	1	35
RX 049608	1	34	8	66	.2	14	14	1339	5.49	2	5	ND	1	257	.2	2	2	132	4.29	.107	11	35	1.73	29	.01	2	2.13	.03	.14	1	6
RX 049609	1	40	4	20	.9	3	3	392	1.90	2	5	ND	1	157	.2	2	2	15	2.44	.014	3	9	.88	5	.01	2	.14	.01	.05	1	141
RX 049610	14	4	10	19	1.4	12	1	370	1.27	4	5	ND	1	8	.2	3	2	9	.27	.001	2	9	.05	11	.01	2	.09	.01	.02	1	10
STANDARD C/AU-R	19	59	37	133	7.1	72	31	1053	3.97	44	16	7	37	53	18.9	15	21	55	.51	.095	38	61	.90	180	.07	34	1.89	.06	.14	11	475

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 BC 90-01 File # 90-1698

P.O. Box 12134, 512 - 808 Nelson St., Vancouver BC V6Z 2H2 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
RX 047323	1	5	9	48	.1	5	2	570	1.21	2	9	ND	-10	55	.2	2	2	11	.47	.017	10	5	.12	538	.01	2	.67	.06	.23	1	7
RX 047324	19	88	2	22	.1	10	6	329	2.02	6	6	ND	4	37	.2	2	3	42	.51	.042	3	12	.58	67	.12	9	.78	.09	.16	4	1
RX 047325	2	13	3	15	.2	8	5	345	1.99	2	5	ND	4	20	.2	2	2	34	.34	.040	4	8	.57	36	.01	3	.91	.05	.13	1	20
RX 047326	1	17	3	76	2.7	8	6	568	2.70	14	5	ND	5	39	.3	2	3	45	.48	.056	7	7	.98	77	.02	2	1.34	.04	.20	1	515
RX 047327	2	113	9	39	13.8	8	5	268	2.28	2	5	ND	3	42	.2	2	3	47	.34	.041	4	8	.56	74	.12	4	.96	.11	.25	1	285
RX 047328	2	124	51	25	150.3 ✓	8	4	201	2.01	4	5	3	3	23	.2	2	3	32	.22	.040	3	8	.41	57	.04	3	.78	.10	.19	1	2285
RX 047329	14	1197	7	28	6.9	9	14	179	15.38	35	5	ND	38	52	2.1	2	2	218	.75	.383	4	13	.47	32	.24	2	1.15	.01	.12	1	42
RX 047330	3	5	8	19	.2	9	1	259	.79	2	5	ND	5	15	.2	2	2	8	.03	.008	8	9	.01	37	.01	3	.31	.06	.14	1	457
RX 047331	6	9	2	4	.1	11	1	116	.64	2	5	ND	1	7	.2	2	2	4	.03	.008	2	10	.03	17	.01	2	.14	.02	.05	1	18
STANDARD C/AU-R	19	57	43	129	7.2	73	31	1048	4.03	39	23	7	39	56	20.3	16	22	58	.51	.088	39	60	.93	184	.09	36	1.98	.06	.14	11	559

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: Rock AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 11 1990 **DATE REPORT MAILED:** June 14/90 **SIGNED BY** .... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

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
RX 046224	1	13	2	59	.1	2	7	556	3.12	16	5	ND	1	156	.2	2	2	66	1.38	.044	21	4	.41	110	.01	3	.32	.03	.08	1	1
RX 046225	1	2	2	51	.1	1	4	241	1.78	6	5	ND	1	221	.3	2	2	38	.91	.014	10	2	.39	90	.01	2	.26	.03	.07	2	16
RX 046226	1	254	2	49	.1	8	14	617	5.10	6	5	ND	5	55	.8	2	2	114	.54	.063	8	16	.96	23	.18	2	1.49	.03	.09	1	1
RX 046227	9	10845 ✓	2	144	30.6 ✓	6	78	545	17.88	6	5	ND	3	18	2.3	2	4	90	.27	.057	3	4	.97	38	.04	4	1.57	.01	.09	4	1060
RX 046228	2	1414	2	70	1.2	10	58	679	9.03	4	5	ND	1	46	1.0	2	2	82	1.93	.044	2	5	.39	1	.02	2	.45	.01	.02	8	44
RX 046229	13	8347 ✓	2	115	22.3 ✓	16	675	356	28.52	16	6	ND	2	16	2.5	4	6	91	.19	.021	2	1	.42	3	.01	2	.74	.01	.01	1	631
RX 046230	2	9000 ✓	7	183	29.4 ✓	7	94	494	17.91	12	5	ND	9	36	2.3	2	7	110	.50	.163	23	4	.83	9	.03	2	1.33	.01	.04	1	1783
RX 046231	22	9930 ✓	12	182	16.2	9	53	817	12.88	11	5	ND	2	72	3.0	2	3	107	1.28	.206	3	10	1.27	9	.02	2	1.82	.01	.02	1	582
RX 046232	1	96	2	43	.2	8	13	632	3.93	2	5	ND	5	85	.2	2	2	86	2.02	.080	7	14	1.29	29	.12	2	1.79	.05	.10	1	9
RX 046233	1	137	2	36	.4	7	10	494	4.76	5	5	ND	6	45	.8	2	2	94	.81	.088	9	21	1.46	80	.18	3	1.73	.05	.32	1	9
RX 047288	3	8	12	96	.1	192	26	824	5.59	7	5	ND	1	370	1.0	2	2	93	1.75	.196	18	196	4.64	158	.01	2	3.85	.01	.04	1	2
RX 047289	1	22	11	16	.1	3	1	251	.78	3	8	ND	9	31	.2	3	2	4	.76	.005	6	4	.10	64	.01	2	.10	.01	.06	1	1
RX 047290	2	9	4	23	.1	9	2	117	1.11	3	6	ND	25	39	.2	2	2	5	.13	.026	46	10	.11	1092	.01	2	.29	.03	.13	2	1
RX 047291	1	7	9	12	.1	2	1	243	.61	2	5	ND	14	58	.2	2	2	2	.68	.002	8	1	.01	343	.01	4	.17	.03	.09	1	1
RX 047292	45	11	12	3	.7	6	1	32	.75	3	5	ND	1	13	.2	2	2	3	.01	.001	2	6	.01	389	.01	2	.09	.01	.07	1	95
RX 047293	12	5	9	2	.3	1	1	48	.48	2	5	ND	5	6	.2	2	2	1	.02	.003	10	1	.01	154	.01	2	.13	.01	.09	1	39
RX 047294	9	7	3	9	.1	5	1	53	.48	4	5	ND	13	7	.2	2	2	1	.03	.005	26	6	.01	39	.01	2	.20	.01	.13	1	6
RX 047295	4	3	5	20	.1	1	1	127	.57	2	5	ND	9	8	.2	2	5	1	.02	.005	15	1	.01	96	.01	2	.19	.01	.11	1	4
RX 047296	7	7	8	7	.1	4	1	44	.64	2	5	ND	1	7	.2	2	4	3	.02	.005	3	6	.01	77	.01	2	.14	.02	.07	2	5
RX 047297	12	5	5	1	.3	1	1	59	.49	2	5	ND	1	2	.2	2	2	1	.01	.001	2	2	.01	20	.01	2	.07	.01	.05	1	1
RX 047298	109	9	200	22	5.7	9	1	69	.39	2	5	9	4	5	.2	7	4	2	.01	.003	3	6	.01	33	.01	2	.11	.01	.07	1	6950
RX 047299	6	6	5	2	.6	1	1	61	.68	2	5	ND	1	3	.2	3	3	1	.01	.003	2	2	.01	27	.01	2	.11	.01	.07	1	867
RX 047300	32	6	9	9	.5	6	1	43	.71	7	5	ND	2	5	.2	2	2	2	.02	.004	4	6	.01	33	.01	2	.18	.01	.12	1	230
RX 049623	6	5	15	14	4.4	2	3	24	1.08	95	5	ND	2	35	.2	2	2	2	.06	.043	5	1	.01	139	.01	2	.23	.01	.13	1	27
RX 049624	5	5	12	8	31.5	4	1	20	.32	22	5	2	7	21	.2	2	3	1	.05	.005	7	4	.01	90	.01	3	.19	.01	.10	1	79
RX 049625	2	4	4	3	11.3	1	1	34	.30	3	5	ND	4	17	.2	2	2	1	.06	.004	7	1	.01	190	.01	2	.18	.01	.09	2	55
STANDARD C/AU-R	19	59	41	129	7.0	72	32	1050	3.96	40	22	7	37	52	18.9	14	20	55	.51	.096	37	60	.92	182	.07	34	1.89	.06	.14	11	494

✓ ASSAY RECOMMENDED

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
RX 049626	9	3	20	4	.5	3	1	49	.28	8	5	ND	4	19	.2	2	2	1	.09	.006	10	2	.02	258	.01	2	.23	.01	.11	1	1
RX 049627	8	5	14	4	2.6	9	1	36	.28	2	5	ND	1	10	.3	2	2	1	.04	.003	3	7	.01	30	.01	2	.15	.01	.07	1	9
RX 049628	13	5	7	14	.4	19	5	1181	1.40	6	5	ND	1	1178	.7	2	5	12	17.60	.032	7	24	8.43	170	.01	2	.41	.03	.01	1	11
RX 049629	2	7	14	28	.2	24	8	1091	2.60	10	5	ND	2	1498	.9	2	2	35	14.36	.100	22	66	5.37	110	.01	2	.55	.02	.01	1	5
RX 049630	2	99	31	26	.2	193	20	282	3.67	7	5	ND	3	93	.2	2	2	49	.62	.193	21	366	1.52	78	.01	6	1.21	.01	.11	2	6
RX 049631	3	2	7	3	.2	8	1	66	.34	3	5	ND	1	41	.2	2	2	2	.36	.004	2	9	.13	73	.01	2	.07	.01	.02	1	1
RX 049632	2	5	5	1	.1	6	1	143	.33	4	5	ND	1	6	.2	2	2	1	.03	.002	2	7	.02	95	.01	2	.06	.01	.03	1	1
RX 049633	1	2	7	1	106.6	2	1	23	.09	4	5	ND	1	2	.2	2	2	1	.01	.001	2	2	.01	2	.01	2	.33	.01	.01	1	264
RX 049634	6	5	10	22	.2	7	2	53	.77	4	5	ND	1	68	.2	2	2	5	.05	.022	8	7	.01	12	.01	3	.16	.01	.06	1	11
RX 049635	8	115	16	7	2.7	7	1	75	.37	2	5	ND	1	7	.2	2	2	1	.02	.005	6	8	.01	57	.01	3	.12	.01	.07	1	5
RX 049636	4	5	14	3	.2	4	1	57	.43	5	5	ND	3	4	.2	2	2	1	.02	.005	7	5	.01	7	.01	3	.16	.01	.02	1	4
RX 049637	2	7	5	49	.1	12	4	124	.91	7	5	ND	1	7	.2	2	4	6	.06	.017	10	13	.04	42	.01	2	.30	.01	.03	1	1
RX 049642	4	6	61	15	3.5	5	1	68	.70	8	5	4	2	15	.2	3	2	4	.17	.015	4	5	.05	71	.01	2	.22	.01	.05	1	3710
RX 049643	3	2	11	1	.1	7	1	55	.33	2	5	ND	1	5	.2	2	3	1	.02	.002	2	7	.01	67	.01	2	.06	.01	.02	1	33
RX 049644	6	6	40	3	3.6	5	1	57	.64	11	5	3	1	8	.2	2	2	3	.06	.016	2	4	.02	77	.01	3	.11	.01	.05	1	3154
RX 049701	1	1	6	41	.2	8	8	544	2.64	2	5	ND	2	164	.2	2	2	26	2.75	.061	8	8	.64	143	.01	5	.67	.02	.12	1	1
RX 049702	1	8	12	24	.2	4	3	309	1.52	7	5	ND	1	190	.2	2	4	8	2.07	.008	4	3	.35	104	.01	2	.17	.01	.05	1	5
RX 049703	4	16	8	25	.4	6	8	615	2.77	3	6	ND	4	218	.2	2	2	18	3.62	.050	8	4	.62	57	.01	4	.68	.02	.12	1	6
RX 049704	2	15	7	7	.1	4	3	315	1.88	3	5	ND	1	27	.2	2	2	8	.40	.010	3	4	.06	25	.01	2	.10	.01	.05	1	1
RX 049705	11	23	9	12	2.5	11	3	137	1.33	16	5	ND	1	5	.2	2	2	6	.05	.009	2	8	.03	19	.01	4	.13	.01	.05	1	837
RX 049706	2	7	2	16	.2	6	4	196	1.59	2	5	ND	1	9	.2	2	3	10	.11	.025	4	5	.02	17	.01	2	.18	.01	.06	1	6
RX 049707	3	3	9	31	.3	7	3	905	3.45	2	5	ND	1	454	.2	2	5	28	6.57	.004	2	6	2.46	9	.01	2	.13	.01	.02	1	7
RX 049708	6	8	8	20	.7	7	4	338	1.91	12	5	ND	1	19	.2	2	2	10	.43	.012	4	8	.15	11	.01	2	.17	.01	.07	1	30
RX 049709	5	7	19	16	.3	9	6	191	2.04	7	5	ND	2	10	.2	2	4	7	.15	.016	6	7	.04	28	.01	3	.21	.01	.09	1	10
RX 049710	2	25	19	17	.6	5	4	202	1.92	4	5	ND	1	13	.2	2	6	5	.09	.008	10	5	.02	95	.01	2	.11	.01	.05	1	4
RX 049711	4	12	11	24	.1	12	2	142	1.00	4	5	ND	1	4	.2	2	2	4	.05	.010	2	9	.01	27	.01	2	.10	.01	.04	1	10
RX 049712	2	19	28	11	.6	9	2	98	.83	6	5	ND	1	11	.2	3	2	3	.08	.008	2	6	.02	40	.01	2	.08	.01	.04	1	5
RX 049713	4	54	7	2	1.4	11	1	56	.57	3	5	ND	1	2	.2	2	2	1	.01	.001	2	9	.01	10	.01	3	.02	.01	.01	1	140
RX 049714	2	100	6	8	2.8	7	2	85	.84	4	5	ND	1	5	.2	2	2	2	.06	.003	2	6	.02	12	.01	4	.05	.01	.03	1	52
RX 049715	3	58	10	5	1.0	10	3	65	.92	6	5	ND	1	9	.2	2	2	3	.11	.011	3	7	.02	8	.01	2	.19	.01	.05	1	160
RX 049716	2	43	7	15	.1	5	6	281	1.58	2	5	ND	1	14	.2	2	2	11	.19	.027	5	6	.02	147	.01	2	.15	.01	.05	1	1
RX 049717	4	10	6	1	.1	13	2	85	.63	5	5	ND	1	8	.2	2	2	1	.05	.004	2	13	.01	58	.01	2	.04	.01	.02	1	1
STANDARD C/AU-R	19	58	42	132	7.2	73	32	1054	3.97	39	22	6	39	52	18.4	15	18	57	.59	.099	39	59	.90	182	.08	36	1.89	.06	.13	11	467

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
RX 049718	10	11	7	7	.8	4	2	111	.90	8	5	ND	1	15	.2	3	2	4	.04	.006	2	3	.01	207	.01	2	.09	.01	.04	1	38
RX 049719	4	3	15	7	.2	7	2	118	.84	4	5	ND	1	15	.2	2	2	2	.13	.010	2	40	.03	101	.01	3	.07	.01	.04	1	3
RX 049720	1	8	51	11	.2	4	1	207	.99	2	5	ND	2	304	.2	2	2	9	2.59	.012	3	3	1.09	97	.01	2	.22	.02	.06	1	5
RX 049721	2	1	29	11	2.4	4	6	276	2.64	7	5	ND	3	13	.2	3	8	2	.10	.002	6	1	.02	23	.01	2	.13	.01	.06	4	17
RX 049722	1	1	23	14	.2	4	1	266	.83	3	5	ND	4	26	.2	2	9	1	.27	.003	5	3	.01	18	.01	2	.10	.01	.05	1	6
RX 049723	3	6	15	8	.2	9	1	45	.49	3	5	ND	1	2	.2	2	5	1	.01	.001	2	7	.01	4	.01	2	.05	.01	.03	1	2
RX 049724	1	2	8	7	.3	3	1	90	.60	3	5	ND	1	3	.2	2	2	1	.01	.001	2	2	.01	12	.01	3	.06	.01	.03	1	6
RX 049725	10	1	14	16	.4	5	1	96	.77	4	5	ND	3	7	.2	2	4	1	.02	.001	2	3	.01	22	.01	2	.15	.01	.05	1	23
RX 049726	4	4	30	13	.3	8	1	64	.87	4	5	ND	9	12	.2	3	4	2	.07	.005	7	31	.02	23	.01	2	.17	.01	.07	1	45
RX 049727	3	5	10	9	.2	10	1	49	.71	2	5	ND	3	4	.2	2	3	1	.02	.002	4	9	.01	53	.01	3	.11	.01	.03	1	3
RX 049728	2	1	50	21	.3	2	1	118	.95	5	5	ND	12	8	.2	3	3	2	.05	.005	8	1	.01	13	.01	2	.21	.01	.07	1	4
RX 049729	3	2	6	1	.7	5	1	60	.36	3	5	ND	1	16	.2	2	2	1	.01	.001	2	4	.01	784	.01	2	.10	.01	.05	1	5
RX 049730	3	17	8	63	.1	64	17	793	3.96	4	5	ND	1	16	.2	2	2	37	.38	.086	18	106	2.22	119	.01	2	2.34	.01	.08	1	12
RX 049731	2	7	2	9	.3	7	4	229	2.98	2	5	ND	1	162	.2	2	2	5	1.06	.012	10	6	.30	41	.01	2	.10	.01	.04	1	8
RX 049732	1	2	6	5	.2	2	2	47	1.21	4	5	ND	2	5	.2	2	2	2	.03	.013	3	1	.01	41	.01	2	.15	.01	.07	1	2
RX 049733	3	3	5	13	.3	7	1	250	.96	6	5	ND	1	3	.2	3	2	4	.01	.001	2	4	.01	21	.01	2	.03	.01	.01	1	7
RX 049734	3	12	4	11	.1	9	2	147	1.15	3	5	ND	1	12	.2	2	2	8	.03	.011	3	20	.01	487	.01	2	.08	.01	.03	1	197
RX 049735	1	1043	2	68	.6	49	20	919	3.03	10	5	ND	1	637	.8	2	2	95	3.86	.082	6	86	1.13	126	.05	2	.94	.05	.16	1	11
RX 049736	11	3	6	2	12.2	1	2	58	1.36	2	5	ND	2	5	.2	2	21	1	.02	.002	3	1	.01	42	.01	2	.13	.02	.06	1	54
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RX 049738	1	6	6	29	.1	9	8	514	3.44	5	5	ND	5	39	.2	2	2	66	.61	.082	5	17	1.33	31	.13	2	1.50	.03	.10	1	6
RX 049739	1	11	4	33	.1	8	10	501	3.66	7	5	ND	5	45	.2	2	2	77	.49	.086	4	11	1.23	51	.12	3	1.35	.05	.08	1	9
RX 049740	1	7	7	26	.2	8	8	499	3.05	14	5	ND	3	40	.2	2	5	65	.38	.072	3	8	.98	26	.10	2	1.13	.04	.06	1	11
RX 049741	1	15	5	33	1.8	9	9	497	3.34	9	5	ND	4	43	.2	2	2	64	.52	.074	5	12	1.13	36	.13	2	1.36	.04	.08	1	30
RX 049742	4	81	13	34	8.3	8	14	321	5.17	16	5	ND	3	29	.2	2	3	53	.23	.051	3	21	.94	35	.10	4	1.25	.02	.09	1	51
RX 049743	3	54	8	52	1.4	8	12	521	6.22	13	5	ND	4	39	.2	2	2	73	.37	.070	4	9	1.41	51	.14	3	1.76	.03	.15	1	67
RX 049744	1	149	4	32	2.1	3	8	502	3.24	8	5	ND	4	55	.2	2	2	66	.77	.076	5	7	1.15	47	.13	2	1.27	.04	.09	1	26
RX 049745	1	37	8	32	.7	5	8	499	2.97	3	5	ND	4	49	.2	2	2	62	.70	.069	5	8	1.02	50	.12	2	1.17	.04	.10	1	17
RX 049746	1	15	6	36	1.7	7	11	542	3.98	7	5	ND	6	30	.2	2	2	67	.47	.070	5	15	1.24	32	.15	3	1.45	.03	.11	1	99
RX 049747	1	25	7	44	1.8	8	9	455	3.28	14	5	ND	5	11	.2	2	4	57	.23	.064	2	8	1.05	27	.01	2	1.31	.02	.12	1	216
RX 049748	1	33	6	43	3.2	4	7	314	2.66	25	5	ND	3	10	.2	2	4	40	.16	.041	2	5	.64	23	.01	2	.90	.02	.11	1	368
RX 049749	1	2	12	35	.2	6	9	525	3.59	7	5	ND	5	32	.2	2	3	51	.43	.077	7	7	.98	49	.07	3	1.24	.02	.12	1	23
RX 049750	2	68	6	36	1.5	10	10	540	4.68	15	5	ND	6	38	.2	2	2	61	.46	.065	8	23	1.10	78	.08	2	1.48	.04	.22	1	375
RX 049751	1	20	3	38	.6	9	8	525	3.58	4	5	ND	4	25	.2	2	2	54	.60	.075	7	17	1.22	62	.01	2	1.37	.02	.10	1	69
RX 049752	1	41	4	54	.4	5	13	624	3.77	6	5	ND	4	50	.2	2	5	50	.69	.069	11	6	.93	55	.05	5	1.31	.02	.13	1	181
RX 049753	1	6	2	32	.3	5	8	480	2.91	5	5	ND	4	106	.2	2	2	53	.81	.074	5	8	1.10	32	.10	2	1.37	.03	.07	1	72
STANDARD C/AU-R	19	58	40	131	6.8	73	31	1049	3.95	41	23	6	36	53	18.5	15	21	55	.51	.091	37	60	.91	180	.07	35	1.88	.06	.14	13	480

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
RX 049754	1	4	7	31	.3	6	10	544	3.14	2	5	ND	4	82	.2	2	2	60	1.09	.077	6	16	1.13	35	.10	3	1.42	.03	.08	1	52
RX 049755	1	4	5	30	.2	8	9	549	3.36	2	5	ND	5	86	.2	2	2	76	1.03	.085	7	9	1.25	31	.13	2	1.50	.04	.09	1	145
RX 049756	1	3	5	32	.1	2	11	587	3.53	2	5	ND	5	74	.2	2	4	81	1.22	.087	7	6	1.40	36	.11	2	1.52	.04	.07	1	181
RX 049757	1	130	7	62	1.8	11	16	765	7.37	10	5	ND	5	74	.6	2	2	142	1.32	.105	8	6	1.75	25	.05	2	1.99	.01	.07	2	2741
RX 049758	1	4	5	27	.2	4	8	511	2.80	2	5	ND	3	95	.2	2	2	53	1.12	.075	6	18	1.00	36	.08	2	1.28	.03	.09	2	80
RX 049759	5	2	20	3	.3	5	2	225	.39	6	5	ND	10	7	.2	2	2	1	.03	.007	21	5	.01	49	.01	2	.16	.01	.07	1	24
RX 049760	211	8565	6	46	9.5	10	40	576	7.34	2	5	ND	6	19	.2	2	2	48	.23	.065	135	4	1.29	164	.01	11	1.97	.01	.14	1	40
RX 049761	1	45	2	120	.2	2	13	1337	5.32	3	5	ND	2	147	.2	2	6	120	2.57	.163	15	5	1.42	32	.03	2	1.78	.03	.07	1	16
RX 049762	2	13	5	37	.2	7	11	576	3.03	2	5	ND	10	34	.2	2	3	54	.61	.062	13	23	1.26	38	.01	2	1.38	.03	.07	1	6
RX 049763	2	4	7	3	.1	5	1	121	.53	3	5	ND	8	6	.2	2	2	2	.04	.003	2	6	.01	25	.01	3	.13	.04	.06	1	4
RX 049764	4	94	10	20	.3	1	2	382	.75	4	5	ND	8	18	.2	2	2	9	.16	.011	12	2	.02	28	.01	3	.14	.03	.05	1	63
RX 049765	1	2	6	19	.1	2	1	247	.72	3	5	ND	5	19	.2	2	2	9	.15	.010	11	3	.02	31	.01	2	.14	.04	.06	1	36
RX 049766	1	6	6	39	.2	2	4	837	2.00	2	5	ND	4	13	.2	2	2	15	.23	.047	20	9	.43	44	.01	2	.96	.02	.16	1	57
RX 049767	2	12	9	30	.2	4	4	409	1.60	2	5	ND	3	36	.2	2	2	18	.86	.042	15	5	.38	50	.01	2	.78	.02	.17	1	21
RX 049768	6	55	2	35	.2	5	9	607	2.50	2	5	ND	4	16	.2	2	2	38	.35	.064	9	7	.82	50	.01	2	1.17	.02	.14	2	12
RX 049769	2	5	3	15	.1	4	4	403	1.62	2	5	ND	2	63	.2	2	2	39	.82	.024	8	5	.21	36	.05	2	.48	.04	.08	1	7
STANDARD C	19	57	39	130	7.1	72	32	1051	3.95	38	25	6	38	53	18.4	16	22	56	.51	.096	38	58	.89	181	.07	35	1.88	.06	.14	12	-

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
SX 074569	1	14	21	90	.1	27	9	630	2.81	3	11	ND	3	72	.6	2	2	48	.60	.122	44	47	.61	114	.07	4	1.65	.02	.10	1	1
SX 074570	1	8	10	58	.1	21	6	438	2.18	2	10	ND	3	44	.7	2	5	39	.47	.099	34	37	.53	71	.07	2	1.15	.02	.07	1	2
SX 074571	1	9	12	70	.1	20	9	601	2.87	4	5	ND	3	68	.3	2	4	46	.48	.110	29	40	.45	126	.06	6	1.15	.02	.09	1	2
SX 074572	1	5	10	62	.1	9	5	411	1.81	5	5	ND	4	27	.2	2	3	32	.30	.065	25	21	.37	67	.07	2	.97	.02	.08	1	1
SX 074573	1	6	12	52	.1	11	4	366	1.81	2	11	ND	7	39	.3	2	3	30	.39	.066	25	23	.35	51	.06	2	.94	.02	.07	1	1
SX 074574	1	13	14	60	.1	35	8	458	2.43	7	8	ND	5	57	.5	2	4	45	.62	.110	33	75	.78	120	.11	2	1.40	.02	.09	1	2
SX 074575	1	8	7	49	.1	30	7	332	2.27	3	5	ND	5	40	.3	2	2	45	.49	.105	32	78	.61	83	.10	2	1.16	.02	.07	1	1
SX 074589	1	5	10	30	.1	9	3	365	1.60	3	22	ND	6	85	.2	2	2	24	.49	.063	26	22	.21	121	.02	2	.62	.01	.05	1	2
SX 074590	1	4	21	46	.1	3	3	333	1.70	3	44	ND	11	65	.2	2	2	10	.38	.049	35	6	.17	153	.02	2	.92	.01	.11	1	1
SX 074591	1	8	14	57	.1	29	9	375	4.25	2	16	ND	19	42	.2	2	3	83	.49	.117	58	93	.62	94	.08	2	.93	.02	.10	1	1
SX 074592	1	6	18	43	.1	20	6	300	3.25	2	5	ND	19	35	.2	2	2	61	.39	.085	50	61	.46	70	.07	2	.75	.02	.09	1	1
SX 074593	1	15	12	53	.1	38	10	359	3.17	3	5	ND	11	56	.2	2	2	69	.69	.159	39	103	.85	99	.14	2	1.44	.02	.13	1	2
SX 074594	1	15	14	58	.2	55	11	554	2.27	2	11	ND	3	68	.2	2	2	46	.68	.124	37	94	1.06	126	.14	3	1.90	.02	.13	1	2
SX 074597	2	29	26	99	.2	19	11	878	3.08	4	13	ND	3	100	.2	2	7	49	.75	.073	80	23	.68	301	.04	3	2.41	.02	.12	1	1
SX 074598	1	14	8	48	.1	6	6	698	2.20	2	5	ND	3	56	.2	2	2	31	.40	.044	37	12	.30	192	.03	2	1.13	.01	.07	1	1
SX 074599	1	11	8	87	.1	73	12	947	3.07	3	11	ND	5	103	.2	2	2	47	.83	.110	49	88	1.17	297	.04	3	1.98	.02	.12	1	1
SX 074600	1	8	17	38	.1	18	5	539	1.98	2	5	ND	5	46	.2	3	2	35	.46	.057	35	42	.38	87	.06	3	1.24	.02	.07	1	1
STANDARD C/AU-S	19	60	37	130	7.1	73	32	1051	3.98	43	16	7	38	53	18.6	15	23	56	.51	.096	38	61	.89	182	.07	35	1.88	.06	.13	11	45

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 BC 90-01 File # 90-3168 Page 1

P.O. Box 12134, 512 - 808 Nelson St., Vancouver BC V6Z 2H2

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
SX 074695	1	17	15	94	.2	15	7	586	2.28	3	5	ND	6	38	.2	2	4	29	.32	.187	14	12	.24	532	.04	5	3.01	.02	.08	1	4
SX 074696	1	33	22	114	.1	9	7	1030	2.72	2	5	ND	8	31	.2	2	3	37	.31	.163	23	10	.17	443	.03	2	3.51	.02	.10	2	6
SX 074697	1	7	22	57	.3	5	5	360	2.07	2	8	ND	8	14	.2	2	2	25	.10	.117	27	8	.13	155	.01	4	2.39	.01	.09	1	8
SX 074698	1	7	14	50	.2	7	5	215	2.18	5	9	ND	7	13	.2	2	2	31	.09	.125	16	8	.11	145	.05	2	2.63	.01	.04	1	5
SX 074699	1	5	19	41	.1	14	5	156	2.09	2	6	ND	9	10	.2	2	2	30	.06	.042	22	14	.13	152	.03	2	2.01	.01	.05	1	5
SX 074700	1	7	20	51	.1	10	4	226	2.26	2	9	ND	11	14	.2	2	2	29	.12	.066	24	10	.17	210	.04	2	2.99	.01	.07	1	3
SX 074745	3	16	7	66	.2	6	8	1486	2.61	2	5	ND	3	20	.2	2	2	42	.22	.041	13	10	.35	126	.07	5	1.73	.02	.07	1	17
SX 074746	1	33	20	60	.1	10	8	405	3.10	2	5	ND	8	21	.2	2	3	40	.26	.059	19	15	.41	113	.09	2	3.23	.02	.07	1	8
SX 074747	1	94	13	88	.1	11	12	529	5.28	4	5	ND	4	21	.2	2	3	61	.24	.058	11	16	.70	128	.09	2	3.32	.01	.16	2	11
SX 074748	1	30	18	88	.3	12	10	851	4.13	6	5	ND	6	28	.2	2	2	49	.35	.068	14	15	.45	121	.08	4	3.13	.02	.09	1	21
SX 074749	1	28	19	68	.4	8	10	667	3.97	7	5	ND	3	25	.2	2	2	56	.25	.068	11	14	.53	69	.09	6	2.40	.01	.06	1	33
SX 074750	1	26	11	57	.1	10	8	955	3.00	2	5	ND	3	27	.2	2	2	52	.22	.049	11	16	.47	100	.07	2	2.05	.02	.06	1	19
SX 074751	1	29	13	78	4.9	9	11	1059	3.04	2	5	ND	3	29	.2	2	3	42	.26	.054	10	10	.41	136	.07	2	2.25	.03	.08	1	1430
SX 074752	1	13	28	81	1.0	9	5	303	2.15	2	6	ND	9	26	.2	2	2	33	.20	.061	12	9	.16	180	.11	4	3.22	.02	.06	1	82
SX 074753	1	6	30	86	1.1	10	5	739	2.12	2	5	ND	8	22	.2	2	2	35	.17	.038	18	12	.14	143	.06	2	2.55	.02	.06	1	38
SX 074754	2	23	10	43	1.0	6	7	323	3.21	2	5	ND	6	18	.2	2	4	49	.13	.037	20	9	.27	118	.01	2	1.82	.01	.06	1	150
SX 074755	1	33	23	113	5.6	8	12	1590	3.69	4	5	3	7	27	.5	2	6	56	.29	.047	14	11	.33	198	.03	2	2.25	.02	.08	1	2280
SX 074756	1	145	19	87	.1	12	10	839	3.89	10	5	ND	5	26	.2	2	2	51	.23	.175	24	15	.45	172	.11	2	3.18	.02	.09	1	28
SX 074757	1	57	8	94	.5	12	16	634	7.08	6	6	ND	5	25	.2	6	4	111	.22	.120	7	21	1.11	106	.02	4	3.29	.01	.06	2	35
SX 074758	1	24	23	78	.1	10	9	875	3.49	2	5	ND	7	28	.4	2	3	48	.41	.101	28	15	.42	101	.09	3	3.64	.02	.07	1	11
SX 074759	1	29	13	88	.3	10	11	1033	4.68	2	5	ND	4	22	.5	2	2	62	.23	.066	15	15	.52	114	.07	6	2.87	.01	.10	3	11
SX 074760	2	205	18	72	.2	13	10	490	3.49	2	5	ND	7	21	.2	2	2	47	.28	.084	16	12	.34	108	.14	4	4.09	.02	.06	1	15
SX 074761	1	33	13	69	.3	10	11	446	3.33	2	5	ND	7	22	.5	2	2	51	.21	.045	16	18	.52	109	.09	6	2.56	.02	.07	1	5
SX 074762	1	51	22	108	.5	11	12	951	3.95	6	5	ND	5	21	.2	3	4	58	.27	.119	12	19	.52	140	.09	4	2.73	.02	.08	1	6
SX 074763	2	36	13	59	.1	8	10	516	3.38	2	5	ND	4	26	.2	2	4	57	.32	.049	16	16	.53	100	.04	2	2.03	.01	.08	2	12
SX 074764	1	23	14	64	.2	8	8	783	2.98	4	5	ND	4	17	.2	2	2	46	.16	.058	12	12	.30	136	.05	5	1.94	.02	.06	1	7
SX 074765	2	25	14	72	.3	9	8	358	3.70	2	6	ND	7	20	.5	2	5	50	.22	.065	16	12	.31	203	.05	5	3.16	.02	.07	2	24
SX 074766	1	49	13	78	5.4	10	12	979	3.86	6	5	ND	5	32	.6	2	2	53	.34	.067	19	15	.57	275	.01	2	2.88	.02	.11	1	710
SX 074767	1	23	16	58	1.5	8	11	718	3.15	6	5	ND	5	49	.2	2	4	50	.44	.053	20	11	.38	192	.01	2	2.22	.01	.11	1	163
SX 074768	1	14	13	96	.3	10	6	1157	2.56	2	5	ND	5	17	.2	2	2	38	.14	.100	16	10	.15	278	.08	5	2.98	.02	.05	1	9
SX 074769	1	8	8	70	.1	3	6	794	2.14	2	5	ND	8	18	.2	2	2	37	.14	.078	27	11	.19	211	.01	2	1.36	.02	.09	1	7
SX 074770	1	9	20	57	.1	15	6	243	2.44	7	5	ND	11	17	.2	2	2	34	.16	.058	23	17	.26	183	.04	2	2.50	.02	.07	2	6
SX 074771	1	7	13	63	.2	12	5	293	2.22	2	6	ND	9	13	.2	2	2	34	.10	.054	26	21	.21	212	.04	4	1.99	.02	.06	1	4
SX 074772	1	22	10	95	.1	8	6	651	2.76	2	5	ND	8	27	.2	2	2	28	.23	.074	46	11	.15	211	.01	2	1.20	.01	.11	1	4
SX 074773	1	6	23	51	.1	9	4	395	1.90	2	6	ND	11	14	.2	2	2	28	.10	.042	28	14	.18	222	.03	2	1.75	.01	.07	1	12
SX 074774	1	6	7	36	.1	5	4	143	1.79	2	8	ND	8	9	.2	2	2	27	.06	.026	25	8	.10	93	.02	2	1.26	.01	.04	1	2
STANDARD C/AU-S	19	61	40	132	7.1	68	31	1052	3.97	44	15	7	38	53	18.6	15	21	56	.51	.095	38	59	.88	181	.07	38	1.91	.06	.13	11	46

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: P1-P3 Soil/Silt P4-P5 Rock AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 3 1990 DATE REPORT MAILED: Aug 13/90. 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
SX 074775	1	6	8	40	.1	4	3	253	1.80	2	5	ND	5	9	.2	2	2	26	.08	.046	22	7	.13	111	.03	2	1.37	.01	.03	1	14
SX 074776	1	14	14	85	.3	4	7	1339	2.40	2	5	ND	2	23	.2	2	3	29	.24	.056	26	6	.09	415	.01	2	1.02	.01	.06	1	2
SX 074777	1	41	12	70	.7	10	12	908	4.02	2	5	ND	4	27	.2	2	2	65	.31	.061	11	15	.57	159	.07	3	2.51	.01	.05	1	3
SX 074778	1	40	9	43	.3	15	9	495	2.80	2	8	ND	10	19	.2	2	2	36	.36	.095	30	21	.38	83	.03	3	.76	.01	.06	1	6
SX 074779	1	13	13	54	.4	6	6	491	2.61	2	5	ND	3	19	.2	2	2	43	.18	.034	14	10	.16	164	.09	2	1.39	.01	.02	1	3
SX 074780	1	15	10	44	.5	6	4	564	1.94	2	5	ND	4	15	.2	2	2	26	.16	.033	20	8	.13	186	.03	2	1.68	.01	.05	1	25
SX 074781	2	15	12	73	.3	7	7	305	3.00	5	5	ND	4	15	.2	2	2	36	.12	.047	16	9	.16	201	.01	2	1.70	.01	.05	2	16
SX 074782	1	7	14	97	.4	9	6	552	3.10	4	5	ND	4	18	.2	2	2	49	.15	.054	21	10	.21	194	.04	3	1.88	.01	.04	1	37
SX 074783	1	6	13	80	.1	6	4	469	2.42	3	5	ND	3	17	.2	2	2	38	.14	.060	19	9	.19	143	.03	2	1.36	.01	.03	1	9
SX 074784	1	9	19	104	.3	10	6	1194	3.02	2	5	ND	5	35	.2	2	2	50	.32	.057	25	12	.26	206	.03	3	2.04	.01	.05	1	3
SX 074785	1	7	13	92	.2	7	5	1066	2.20	4	5	ND	3	14	.2	2	2	35	.12	.082	15	9	.15	181	.05	3	2.00	.01	.03	1	37
SX 074786	1	5	13	47	.1	6	3	243	2.03	2	5	ND	11	13	.2	2	2	27	.07	.034	26	12	.17	136	.02	2	1.43	.01	.04	1	2
SX 074787	2	6	15	49	.1	3	4	151	2.53	2	5	ND	10	13	.2	2	2	29	.09	.039	21	6	.06	152	.01	2	1.04	.01	.05	1	2
SX 074788	1	4	13	31	.1	3	3	1134	1.18	2	5	ND	3	32	.2	2	2	18	.29	.028	12	4	.07	238	.02	2	.84	.02	.04	1	3
SX 074789	1	11	16	83	.1	8	6	417	2.91	3	5	ND	14	17	.2	2	2	29	.11	.062	41	9	.16	320	.01	2	2.12	.01	.07	1	1
SX 074790	1	5	10	60	.1	7	5	179	2.53	3	5	ND	10	12	.2	2	2	31	.08	.034	31	11	.15	98	.01	2	.95	.01	.03	1	1
SX 074791	1	9	13	61	.1	5	4	187	2.40	4	5	ND	8	13	.2	2	2	30	.12	.044	28	9	.13	146	.01	2	1.48	.01	.05	1	3
SX 074792	2	20	10	66	.1	12	7	270	3.13	2	5	ND	11	18	.2	2	2	37	.26	.066	30	18	.45	185	.01	2	1.20	.01	.08	1	2
SX 074793	3	77	17	123	.3	11	19	2020	4.31	4	6	ND	13	53	.2	2	3	51	.56	.123	21	13	.36	479	.01	2	1.74	.01	.10	2	1
SX 074794	1	8	11	64	.1	5	3	380	1.72	2	5	ND	9	20	.2	2	3	22	.16	.043	28	8	.15	126	.01	2	.99	.01	.04	1	1
SX 074795	1	18	8	54	.1	5	7	502	2.38	5	5	ND	5	22	.2	2	2	38	.22	.028	19	8	.29	175	.01	2	1.10	.01	.03	2	4
SX 074796	1	22	17	125	.4	10	7	2101	2.91	2	5	ND	5	30	.2	3	2	38	.32	.229	15	11	.19	442	.08	3	3.10	.01	.05	1	1
SX 074797	1	35	13	70	.3	11	7	1218	2.66	3	6	ND	4	32	.2	2	2	38	.38	.073	29	15	.34	255	.03	2	1.90	.01	.05	1	2
SX 074798	1	7	11	58	.1	16	6	285	2.50	5	5	ND	6	18	.2	2	2	45	.17	.056	17	29	.36	90	.10	3	1.53	.01	.03	1	133
SX 074799	1	11	7	41	.2	10	4	168	2.05	4	5	ND	9	16	.2	2	2	32	.12	.042	23	18	.31	80	.05	3	1.45	.01	.02	1	157
SX 074800	1	30	5	48	.4	8	8	176	3.83	5	5	ND	8	14	.2	2	2	59	.18	.050	16	17	.49	80	.02	2	1.67	.01	.03	1	11
SX 099301	1	15	8	51	.1	5	7	227	2.80	8	5	ND	11	20	.2	2	2	41	.18	.052	26	6	.51	67	.02	2	1.50	.01	.03	1	19
SX 099302	1	16	10	68	.2	8	8	440	3.04	9	5	ND	6	22	.2	2	2	44	.23	.066	14	8	.49	142	.09	3	2.83	.01	.05	1	18
SX 099303	1	17	8	52	.1	7	8	338	3.26	4	5	ND	4	20	.2	2	2	50	.22	.036	11	9	.45	97	.10	4	1.65	.01	.04	1	95
SX 099304	1	13	11	45	.2	9	6	460	2.99	4	5	ND	4	25	.2	2	2	50	.30	.025	11	13	.42	94	.09	4	1.79	.01	.04	1	2
SX 099305	1	18	8	38	.1	6	7	723	2.53	6	5	ND	6	25	.2	2	2	42	.25	.031	19	10	.47	137	.06	3	1.35	.01	.04	1	1
SX 099306	1	23	12	53	.3	10	9	573	3.38	9	5	ND	6	18	.2	2	2	50	.22	.112	13	14	.49	84	.12	3	2.19	.01	.05	1	1
SX 099307	1	19	8	48	.2	9	7	474	2.77	3	5	ND	7	15	.2	2	2	46	.17	.064	16	15	.40	88	.07	2	1.44	.01	.03	1	2
SX 099308	1	15	9	43	.1	10	7	289	2.81	6	5	ND	9	26	.2	2	2	45	.26	.058	18	19	.40	111	.08	3	1.52	.01	.05	1	1
SX 099309	1	28	9	56	1.0	8	11	695	3.86	14	5	ND	6	27	.2	2	2	55	.26	.027	12	12	.71	108	.07	4	1.93	.01	.06	1	160
SX 099310	1	16	13	32	.4	10	6	185	2.63	6	12	ND	8	13	.2	2	2	38	.11	.064	11	12	.32	105	.14	3	3.13	.01	.03	1	4
STANDARD C/AU-S	18	58	38	132	7.0	72	31	1045	3.95	38	22	7	40	50	18.5	15	22	59	.51	.094	40	60	.91	183	.09	38	1.89	.06	.13	13	47

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
SX 099311	1	15	12	45	.1	8	9	284	3.17	2	5	ND	6	16	.4	2	6	43	.16	.080	12	10	.46	100	.07	4	2.53	.01	.08	1	11
SX 099312	1	13	16	42	.1	9	7	364	2.40	2	5	ND	6	12	.3	2	2	32	.10	.038	15	7	.30	105	.05	3	1.92	.01	.05	1	5
SX 099313	1	11	6	39	.1	12	6	398	2.42	2	5	ND	5	16	.2	2	4	37	.17	.049	16	21	.31	112	.04	5	1.17	.01	.05	1	15
SX 099314	2	13	11	31	.5	7	6	250	2.63	2	5	ND	4	16	.2	2	3	43	.12	.031	9	13	.25	55	.12	5	2.20	.01	.04	1	4
SX 099315	1	12	7	32	.2	5	7	455	2.40	2	5	ND	3	19	.2	2	5	39	.15	.042	12	9	.31	58	.04	4	1.17	.01	.03	1	3
SX 099316	1	14	9	29	.8	8	5	253	2.35	2	5	ND	3	13	.3	2	2	33	.12	.065	7	10	.19	65	.10	3	2.66	.01	.04	1	7
SX 099317	1	12	12	37	2.5	9	6	286	2.40	3	5	ND	2	14	.4	2	2	35	.12	.103	5	10	.20	59	.13	6	2.74	.02	.03	1	56
SX 099318	1	13	7	24	.2	8	5	178	2.52	3	5	ND	3	18	.2	2	2	36	.19	.067	6	10	.29	67	.12	6	4.19	.01	.05	1	2
SX 099319	1	23	12	73	1.1	12	9	2346	2.99	2	6	ND	4	45	.2	2	2	50	.47	.084	10	16	.69	189	.06	4	2.23	.02	.09	1	12
SX 099320	1	54	6	56	.2	12	8	522	3.37	2	5	ND	3	32	.2	2	4	49	.36	.047	10	13	.81	140	.02	2	2.91	.01	.08	1	17
SX 099321	1	33	5	41	.2	10	6	699	2.18	2	5	ND	1	35	.2	2	4	36	.35	.037	19	15	.30	93	.05	2	1.41	.02	.05	1	5
SX 099322	1	16	11	45	.2	12	6	200	2.71	3	5	ND	5	17	.3	2	5	42	.19	.111	10	17	.35	85	.10	5	2.56	.01	.04	1	1
SX 099323	1	26	11	47	.3	14	8	342	2.90	2	5	ND	5	16	.2	2	3	46	.16	.054	12	19	.48	104	.07	2	2.89	.01	.05	1	8
SX 099324	1	16	8	53	.2	11	6	343	2.21	3	5	ND	2	15	.2	2	2	38	.14	.070	7	17	.30	117	.07	5	1.66	.01	.04	1	3
SX 099325	1	9	7	52	.2	9	7	708	2.53	2	5	ND	3	24	.2	2	2	46	.22	.038	10	17	.29	102	.07	2	1.55	.01	.03	1	11
SX 099326	2	18	7	47	.1	52	14	272	3.29	2	5	ND	3	15	.2	2	2	45	.15	.085	6	149	.87	66	.15	5	3.08	.01	.04	1	2
SX 099327	1	132	7	39	.3	11	9	406	2.84	2	5	ND	3	29	.2	2	4	43	.34	.041	20	19	.54	101	.05	2	1.35	.01	.05	1	10
SX 099328	1	24	9	47	.2	11	6	254	2.62	2	5	ND	4	17	.2	2	2	35	.16	.049	7	12	.30	78	.09	2	3.09	.01	.05	1	37
SX 099329	1	8	4	43	.2	10	7	269	3.00	2	5	ND	4	18	.2	2	7	47	.16	.050	9	13	.42	65	.07	3	2.11	.01	.04	1	1
SX 099330	1	9	4	38	.2	7	6	470	2.11	2	5	ND	2	14	.2	2	5	37	.14	.022	7	11	.34	52	.05	2	1.32	.01	.03	2	1
SX 099331	1	13	5	39	.1	11	8	243	2.82	2	5	ND	5	19	.2	2	2	49	.17	.020	12	17	.61	71	.03	2	1.52	.01	.04	1	4
STANDARD C/AU-S	19	60	41	131	7.1	73	32	1053	3.96	41	24	7	38	53	18.9	15	22	56	.52	.097	38	57	.89	181	.07	39	1.89	.06	.13	11	48

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
SX 099332	3	53	20	189	.1	15	8	836	2.77	2	85	ND	2	178	.2	2	4	47	1.45	.105	255	31	.52	110	.02	3	1.47	.01	.11	1	1
SX 099333	1	7	12	74	.1	5	4	438	2.37	9	50	ND	4	47	.2	2	2	38	.54	.098	33	12	.26	44	.03	2	.81	.01	.06	1	1
SX 099334	1	15	11	51	.3	5	5	836	2.18	8	18	ND	5	166	.2	2	2	37	1.21	.056	51	10	.22	233	.01	2	.93	.01	.07	1	1
SX 099335	1	9	10	55	.1	6	5	656	1.96	4	7	ND	4	40	.2	2	2	28	.33	.046	29	9	.27	153	.02	2	.94	.01	.07	1	1
SX 099336	1	17	16	74	.1	10	7	1074	2.28	7	16	ND	3	85	.2	2	2	31	.69	.062	60	18	.41	306	.03	4	1.66	.01	.12	1	1
SX 099337	1	25	11	68	.3	43	17	615	4.84	8	10	ND	8	107	.2	2	2	121	1.24	.268	56	142	1.11	267	.17	2	1.30	.02	.18	1	1
SX 099338	1	9	9	41	.1	11	6	344	4.87	6	22	ND	32	67	.2	2	2	121	.92	.179	62	86	.33	145	.09	2	.70	.01	.08	1	1
SX 099339	1	5	8	45	.2	6	5	326	2.49	3	10	ND	9	43	.2	2	2	49	.57	.097	40	24	.35	70	.08	4	.65	.02	.08	1	1
SX 099340	1	5	7	47	.1	5	4	390	1.55	2	7	ND	5	37	.2	2	3	24	.29	.037	14	8	.30	59	.03	2	.71	.02	.07	2	1
SX 099341	1	3	25	52	.2	4	3	337	1.52	4	5	ND	5	9	.2	2	2	20	.08	.033	14	7	.07	105	.01	2	1.51	.01	.04	2	1
SX 099342	2	5	48	52	.3	4	3	195	1.97	2	5	ND	7	18	.2	2	2	21	.07	.063	17	7	.09	257	.01	2	2.25	.01	.11	1	1
SX 099343	1	5	84	125	2.1	15	6	442	2.09	15	5	ND	5	26	.2	3	3	31	.18	.068	13	19	.18	517	.06	2	3.11	.01	.06	1	1
SX 099344	1	5	26	43	.5	6	4	211	1.85	3	5	ND	7	13	.2	2	2	29	.10	.056	19	14	.11	169	.04	2	1.30	.01	.04	1	1
SX 099345	1	7	31	61	.6	11	5	272	2.51	2	5	ND	8	10	.2	2	4	34	.09	.060	18	17	.21	230	.09	2	2.92	.01	.05	1	1
SX 099346	1	7	17	50	.4	12	5	273	2.18	3	5	ND	7	10	.2	2	2	32	.08	.102	14	20	.16	153	.10	2	2.57	.01	.04	1	2
SX 099347	1	9	16	77	.1	24	7	310	2.32	4	45	ND	9	58	.2	2	2	38	.63	.101	52	45	.44	115	.06	5	1.10	.01	.09	1	1
SX 099348	1	3	17	54	.4	8	3	361	1.56	2	55	ND	4	84	.2	2	6	23	.56	.052	48	17	.18	145	.03	2	.94	.02	.06	2	1
STANDARD C/AU-S	18	58	38	130	6.7	68	31	1047	3.96	40	18	6	37	52	18.3	15	21	56	.52	.088	37	56	.89	179	.09	34	1.89	.06	.14	12	50

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 # 90-1897 Page 1

P.O. Box 12134, 512 - 808 Nelson St., Vancouver BC V6Z 2H2 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
1001	1	50	18	80	.4	13	10	992	3.58	2	5	ND	7	37	.2	2	2	60	.43	.047	22	18	.55	196	.09	5	2.90	.01	.09	1	5
1002	1	122	11	87	.5	10	15	1174	3.87	4	5	ND	3	50	.2	2	2	61	.66	.058	15	13	.53	144	.10	5	2.81	.01	.09	1	15
1003	2	65	16	86	1.0	10	14	761	4.70	6	5	ND	3	25	.2	2	2	80	.28	.050	9	13	.72	77	.12	5	3.07	.01	.08	1	66
1004	1	58	5	79	.5	8	11	809	3.97	7	5	ND	3	35	.2	2	2	64	.54	.074	14	12	.72	123	.01	2	2.76	.01	.13	1	111
1005	1	68	15	98	1.0	11	11	709	3.95	4	5	ND	6	50	.2	2	2	56	.70	.090	26	14	.46	262	.03	2	4.24	.01	.11	1	124
1006	1	16	11	42	.7	4	4	313	1.95	2	5	ND	6	23	.2	2	2	39	.18	.015	30	8	.13	113	.02	2	1.61	.01	.05	1	49
1007	1	10	18	116	.4	7	5	481	2.57	3	5	ND	3	23	.2	2	2	41	.22	.085	23	7	.20	211	.03	5	2.30	.01	.09	1	20
1008	1	9	15	98	.2	6	5	977	2.33	2	5	ND	4	17	.2	2	2	42	.15	.040	24	7	.20	219	.02	3	1.87	.01	.07	1	7
1009	1	7	17	93	.1	2	4	969	1.97	2	5	ND	4	19	.3	2	2	38	.18	.046	28	3	.09	270	.01	2	1.26	.01	.07	1	5
1010	1	11	19	143	.6	6	5	1254	2.48	7	5	ND	4	25	.2	2	2	36	.23	.281	13	5	.14	218	.08	4	3.19	.01	.07	1	14
1011	1	9	17	128	.5	5	4	596	2.07	4	5	ND	4	21	.2	2	2	38	.16	.188	10	6	.13	136	.08	3	2.83	.01	.04	1	31
1012	1	17	16	130	.1	23	10	287	3.14	5	5	ND	5	45	.2	2	3	46	.34	.132	18	13	.45	207	.02	2	3.43	.01	.11	1	6
1013	1	24	18	87	.1	7	8	584	2.68	7	5	ND	5	24	.2	2	2	50	.18	.069	10	11	.45	131	.02	2	2.07	.01	.07	1	7
1014	1	25	13	120	.1	14	9	425	2.34	4	5	ND	4	26	.2	2	2	37	.18	.198	9	10	.25	130	.08	5	4.22	.01	.07	1	1
1015	1	34	8	58	.1	20	10	317	3.11	3	5	ND	14	40	.2	2	2	64	.47	.093	39	44	.78	133	.15	11	1.69	.01	.12	1	5
1016	1	33	14	73	.1	9	11	283	4.00	2	5	ND	4	30	.2	2	2	62	.28	.077	15	14	.64	133	.01	2	2.92	.01	.08	1	3
1017	1	32	16	106	.4	10	9	270	2.53	5	5	ND	4	18	.2	2	2	43	.16	.070	10	15	.34	181	.08	5	2.83	.01	.07	1	4
1018	1	21	20	84	.2	11	10	262	3.23	7	5	ND	4	19	.2	2	3	46	.16	.069	8	14	.49	252	.06	6	3.96	.01	.09	1	2
1019	1	26	13	58	.1	11	9	297	2.79	5	5	ND	4	18	.2	2	2	48	.15	.069	11	16	.40	145	.09	2	2.53	.01	.07	1	5
1020	1	17	17	93	.3	8	7	623	2.75	7	5	ND	8	18	.2	3	2	56	.21	.055	12	14	.72	137	.05	4	3.04	.01	.07	1	1
1021	1	8	10	47	.1	4	3	148	1.59	2	5	ND	14	11	.2	2	2	27	.11	.049	32	7	.22	54	.03	2	1.35	.01	.05	1	3
1022	1	8	12	47	.2	4	4	149	1.70	2	5	ND	16	11	.2	2	2	29	.11	.052	35	7	.22	54	.03	2	1.42	.01	.05	1	4
1023	1	35	11	51	.3	8	8	253	2.77	3	5	ND	6	17	.2	2	2	46	.15	.135	10	13	.28	97	.12	5	3.86	.02	.05	1	5
1024	1	17	11	79	.3	11	7	466	2.67	3	5	ND	7	18	.2	2	2	48	.14	.092	21	16	.34	174	.09	5	2.78	.01	.06	1	1
1025	1	9	17	91	.1	8	4	301	1.92	2	5	ND	6	19	.2	2	2	30	.18	.057	13	8	.13	171	.03	4	1.60	.01	.06	1	16
1026	1	6	15	64	.1	2	2	288	1.12	2	5	ND	6	15	.2	2	3	20	.17	.015	13	5	.11	60	.01	3	.73	.01	.06	1	1
1027	1	5	21	65	.1	3	3	576	1.76	2	5	ND	8	9	.2	2	2	35	.07	.019	17	6	.11	68	.01	2	1.26	.01	.03	1	114
1028	1	6	26	101	.1	5	4	375	2.28	2	5	ND	11	19	.2	2	2	39	.19	.024	18	5	.12	78	.01	4	1.42	.01	.04	1	6
1029	1	84	23	65	.4	11	10	273	3.43	4	5	ND	4	22	.2	2	2	67	.22	.046	15	23	.50	197	.04	2	3.09	.01	.08	1	4
1030	1	51	20	57	.2	8	8	249	2.84	2	5	ND	3	13	.2	2	2	57	.13	.026	11	15	.37	142	.04	2	2.33	.01	.05	1	3
1031	1	45	8	79	.1	10	10	1411	2.99	3	5	ND	2	35	.2	2	2	53	.43	.052	12	17	.45	216	.05	2	2.51	.01	.09	1	11
1032	3	274	7	55	.4	6	9	339	2.88	4	5	ND	3	32	.2	2	4	61	.37	.045	21	18	.46	136	.05	2	2.10	.01	.05	1	8
1033	1	29	14	68	.2	8	8	207	2.48	3	5	ND	3	16	.2	2	2	39	.23	.096	7	10	.25	170	.15	4	4.51	.02	.06	1	3
1034	2	14	11	41	.3	7	5	112	3.47	4	5	ND	4	14	.2	2	4	79	.09	.046	12	28	.17	118	.08	2	1.40	.01	.04	1	1
1035	2	19	10	83	.3	7	7	214	2.74	7	5	ND	3	21	.2	2	2	54	.24	.035	11	16	.33	130	.09	2	2.00	.01	.05	3	11
1036	1	15	21	60	.2	6	6	166	2.63	2	5	ND	3	14	.2	2	2	39	.12	.102	5	7	.13	98	.17	4	4.56	.01	.03	1	1
STANDARD C/AU-S	18	57	38	135	7.3	67	29	1027	3.67	37	15	7	37	47	17.9	14	22	55	.48	.089	36	55	.88	173	.09	34	1.83	.06	.14	11	52

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: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 20 1990 DATE REPORT MAILED: June 25/90. 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
1037	1	26	16	103	.1	8	7	1848	2.79	4	5	ND	2	24	.2	3	4	50	.27	.113	5	11	.35	221	.16	7	3.78	.01	.06	1	1
1038	1	33	8	83	.1	8	8	551	3.10	3	5	ND	2	31	.2	2	2	67	.30	.099	5	9	.60	65	.15	2	4.14	.01	.05	1	2
1039	1	22	10	68	.1	8	7	469	2.43	2	5	ND	3	17	.4	2	2	50	.17	.085	8	10	.43	71	.13	3	3.40	.01	.04	1	1
1040	1	40	19	87	.5	8	10	544	3.54	6	5	ND	3	23	.6	2	4	69	.28	.089	14	11	.72	123	.16	3	5.19	.01	.06	1	4
1041	1	129	6	86	.1	10	18	871	4.03	7	5	ND	1	34	.3	2	2	78	.41	.046	9	12	.78	296	.07	2	3.51	.01	.07	1	1
1042	1	24	12	103	.3	11	7	627	2.58	5	5	ND	4	12	.3	2	3	44	.11	.119	9	14	.22	118	.12	2	3.43	.01	.04	1	1
1043	1	59	14	174	.1	15	9	1436	4.90	4	5	ND	1	12	.4	2	2	81	.09	.053	21	23	.41	88	.01	2	1.70	.01	.05	1	1
1044	1	20	19	136	.3	14	7	621	3.83	3	5	ND	8	28	.2	2	4	46	.27	.050	25	9	.10	207	.01	2	1.70	.01	.09	1	1
1045	1	13	13	99	.2	4	5	585	3.67	2	5	ND	4	16	.4	2	4	56	.16	.075	15	2	.08	127	.01	2	3.31	.01	.06	1	1
1046	1	35	9	66	.2	9	8	436	2.83	2	5	ND	2	31	.3	2	3	55	.32	.033	12	13	.69	84	.05	3	1.95	.01	.08	1	20
1047	1	30	7	54	.1	11	10	493	2.66	4	5	ND	3	34	.2	2	2	57	.35	.032	12	17	.61	57	.08	2	2.08	.01	.08	1	75
1048	1	101	14	56	1.8	15	11	224	3.51	4	5	ND	5	19	.2	2	2	58	.17	.070	11	14	.41	129	.08	2	3.79	.01	.06	1	79
1049	1	35	3	81	.1	9	8	441	2.68	4	5	ND	3	24	.2	2	2	56	.19	.033	13	18	.67	57	.06	2	1.93	.01	.05	1	59
1050	1	16	13	50	.2	5	5	172	1.91	2	5	ND	2	15	.2	2	2	28	.13	.182	4	5	.11	54	.17	3	3.72	.01	.02	1	3
1051	1	15	14	49	.6	5	5	402	1.92	2	5	ND	2	12	.2	3	2	27	.12	.108	3	5	.10	59	.18	6	4.72	.01	.03	3	1
1052	1	71	15	70	.4	10	8	190	2.94	2	5	ND	10	14	.2	2	2	42	.12	.098	11	12	.37	108	.08	2	3.86	.01	.04	1	5
1053	1	14	20	134	.1	5	4	1324	1.98	3	5	ND	4	13	.2	3	2	35	.10	.191	9	6	.09	104	.16	2	3.39	.02	.05	1	18
1054	1	7	23	165	.2	6	4	1600	1.92	4	5	ND	4	12	.2	2	2	37	.15	.103	5	6	.09	105	.15	3	2.18	.01	.04	1	4
1055	1	6	21	77	.1	6	4	782	1.97	2	5	ND	4	11	.2	2	2	39	.12	.037	7	7	.12	111	.12	2	2.05	.01	.04	1	5
1056	1	13	18	68	.2	6	5	240	2.28	3	5	ND	3	13	.2	2	2	44	.12	.094	8	9	.16	84	.15	4	2.58	.01	.04	1	3
1057	1	39	20	93	.1	16	9	322	3.23	2	5	ND	7	14	.2	2	3	53	.12	.093	13	16	.41	140	.04	2	3.58	.01	.06	1	5
1058	1	36	6	116	.1	10	8	765	3.16	2	5	ND	1	16	.2	2	3	59	.13	.036	9	14	.42	138	.07	2	2.30	.01	.05	1	4
1059	1	87	15	101	.5	10	8	1013	2.85	5	5	ND	6	31	.2	2	2	48	.34	.093	58	11	.29	122	.08	2	3.05	.01	.06	1	24
1060	1	11	19	55	.2	6	4	349	1.67	2	5	ND	2	9	.2	2	2	28	.08	.091	7	4	.11	74	.16	2	3.66	.01	.03	1	2
1061	1	44	13	70	.4	17	7	776	2.54	3	5	ND	2	76	.2	2	2	42	.46	.053	31	14	.43	251	.02	2	2.58	.01	.08	1	3
1062	2	100	8	95	.2	9	11	547	4.06	6	5	ND	4	24	.2	2	3	79	.42	.072	10	13	.89	160	.01	2	3.12	.01	.07	1	1
1063	1	30	10	71	.1	9	8	349	2.52	4	5	ND	4	21	.2	2	2	43	.17	.098	13	13	.40	202	.06	2	3.30	.01	.07	1	2
1064	1	19	13	66	.1	9	9	328	2.83	5	5	ND	3	23	.2	3	2	45	.18	.046	13	12	.52	147	.03	6	2.58	.01	.08	1	14
1065	1	22	10	49	.7	6	6	192	2.12	2	5	ND	5	20	.2	2	2	36	.16	.077	9	8	.24	112	.13	2	2.90	.01	.04	1	12
1066	1	13	10	48	.1	7	6	289	2.09	2	5	ND	3	23	.2	2	2	42	.22	.078	13	12	.31	84	.08	7	1.56	.01	.04	2	10
1067	1	66	15	71	.8	13	8	597	3.01	3	9	ND	6	163	.2	2	2	45	1.05	.074	70	16	.53	415	.01	2	3.48	.01	.15	1	5
1068	1	71	6	59	.1	9	9	341	2.87	2	5	ND	4	20	.2	2	2	52	.19	.063	10	12	.55	104	.06	3	2.52	.01	.05	1	6
1069	1	119	9	59	.2	10	9	299	2.58	2	5	ND	2	21	.2	2	2	45	.18	.045	15	11	.45	82	.04	2	2.31	.01	.05	1	7
1070	1	66	6	73	.2	6	9	1223	2.71	3	5	ND	1	15	.2	2	2	57	.14	.055	8	7	.45	104	.03	9	2.25	.01	.05	1	9
1071	1	387	15	77	3.9	13	9	915	3.88	7	5	ND	4	103	.2	2	3	57	.99	.064	67	16	.67	536	.05	2	6.23	.02	.15	2	29
1072	1	18	13	71	.2	6	6	1375	1.77	6	5	ND	2	18	.2	2	2	34	.18	.059	8	7	.17	153	.07	2	1.47	.01	.04	1	14
STANDARD C/AU-S	18	57	41	134	7.2	66	30	1042	3.86	38	16	6	36	47	17.8	14	22	56	.49	.089	36	58	.88	174	.09	34	1.82	.06	.14	11	45

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
1073	1	11	21	138	.1	11	5	675	2.28	4	5	ND	4	12	.2	2	3	34	.12	.166	6	13	.18	145	.14	5	3.54	.02	.03	1	3
1074	1	18	18	53	.1	7	4	138	1.87	2	6	ND	5	11	.2	2	2	27	.10	.058	7	9	.14	98	.15	5	4.44	.02	.02	2	13
1075	1	8	21	124	.1	12	5	377	2.01	6	5	ND	5	12	.2	2	2	31	.09	.045	7	11	.13	127	.15	4	3.16	.02	.02	1	25
1076	1	16	19	96	.4	12	5	439	2.14	6	5	ND	7	14	.2	3	2	36	.14	.041	12	13	.17	160	.08	2	2.32	.01	.04	1	5
1077	1	54	11	84	.1	6	7	574	3.16	2	5	ND	5	18	.2	2	4	54	.15	.052	13	9	.18	124	.01	2	1.25	.01	.05	1	1
1078	1	14	12	69	.3	14	9	310	2.56	3	5	ND	4	15	.2	3	2	40	.11	.055	11	15	.30	102	.05	4	2.71	.01	.04	1	2
1079	1	12	14	57	.1	9	6	164	2.44	6	5	ND	4	11	.2	2	2	39	.09	.067	8	16	.27	119	.11	9	2.90	.02	.03	1	3
1080	1	15	11	63	.1	10	8	343	3.10	2	5	ND	4	21	.2	2	2	46	.17	.154	9	15	.38	151	.10	2	3.18	.01	.04	1	9
1081	1	28	14	65	.1	10	9	300	2.98	5	5	ND	5	24	.2	2	2	47	.20	.103	9	13	.47	104	.11	3	3.82	.01	.03	1	5
1082	1	37	12	71	.4	10	11	246	3.37	2	5	ND	4	22	.2	3	2	56	.19	.099	8	12	.53	91	.07	3	3.49	.01	.06	1	24
1083	1	19	10	70	.1	11	9	317	2.83	8	5	ND	3	16	.2	2	2	43	.12	.076	9	16	.43	85	.08	2	2.92	.01	.05	1	7
1084	1	19	12	65	.2	9	9	165	2.31	3	5	ND	3	16	.2	2	2	34	.12	.073	6	10	.19	73	.13	6	4.48	.02	.03	1	7
1085	1	44	13	59	.5	9	8	357	3.06	6	5	ND	4	17	.2	2	2	50	.14	.064	9	13	.40	74	.10	5	3.22	.01	.05	1	41
1086	2	59	10	76	.4	9	8	475	3.17	3	5	ND	5	13	.2	3	2	58	.09	.044	9	17	.50	66	.07	3	2.60	.01	.04	1	5
1087	2	81	13	72	.3	9	13	1011	3.35	2	5	ND	4	31	.2	3	2	52	.28	.054	13	12	.44	153	.05	5	2.78	.02	.06	1	11
1088	1	13	21	104	.1	9	5	583	2.42	2	5	ND	4	19	.2	2	3	37	.13	.059	8	12	.22	141	.12	5	2.84	.01	.03	1	6
1089	1	9	20	61	.1	4	2	111	1.70	2	5	ND	1	13	.2	2	4	36	.12	.027	11	8	.13	36	.03	2	1.07	.01	.03	2	24
1090	1	3	27	311	.1	7	3	130	1.62	2	5	ND	3	14	.2	2	2	25	.18	.023	7	12	.14	186	.01	2	2.22	.01	.04	1	11
1091	1	7	9	70	.1	4	2	357	1.11	4	5	ND	4	11	.2	2	2	22	.09	.022	8	8	.10	96	.04	3	.80	.01	.03	1	1
1092	1	19	11	93	.1	5	6	1161	2.85	3	5	ND	4	27	.2	2	2	55	.36	.039	6	8	.43	254	.01	2	2.31	.01	.08	1	1
1093	1	69	8	91	.2	8	12	1554	4.01	11	5	ND	8	33	.2	2	2	57	.54	.083	14	9	.96	102	.01	2	1.99	.01	.12	1	4
1094	1	23	7	67	.1	6	6	704	1.95	4	5	ND	2	19	.2	2	2	32	.23	.118	5	6	.23	107	.09	5	1.69	.03	.04	1	7
1095	1	47	9	63	.4	9	15	342	3.83	10	5	ND	7	26	.2	3	4	52	.17	.080	11	12	.66	87	.03	4	2.57	.01	.05	1	47
1096	1	32	10	71	.1	13	10	446	3.43	6	5	ND	3	19	.2	2	2	52	.12	.064	8	13	.57	260	.07	2	4.35	.01	.06	1	7
1097	1	92	12	56	.4	11	10	363	2.85	7	5	ND	4	22	.2	3	2	47	.15	.048	10	12	.51	199	.06	2	2.84	.01	.05	1	37
1098	1	97	6	55	.1	10	9	260	2.92	2	5	ND	5	24	.2	2	2	47	.21	.037	13	15	.57	104	.04	2	2.09	.01	.05	1	11
1099	1	47	12	99	.5	10	10	435	3.32	3	5	ND	5	16	.2	2	2	51	.12	.113	7	11	.47	120	.04	2	3.74	.01	.06	1	15
1100	1	21	12	116	.4	10	9	1246	2.73	2	5	ND	3	17	.2	3	2	41	.15	.139	6	11	.26	103	.14	4	4.34	.02	.05	1	11
1101	1	34	14	92	1.5	12	11	571	3.10	7	5	ND	4	18	.2	4	2	53	.17	.060	11	15	.43	87	.11	3	2.64	.01	.06	1	21
1102	1	52	14	82	.5	13	9	431	3.30	8	5	ND	3	19	.2	3	2	64	.20	.047	9	16	.53	132	.07	4	2.77	.01	.04	1	6
1103	1	28	17	82	.4	9	5	562	2.45	3	5	ND	6	12	.2	2	3	35	.12	.079	5	8	.17	86	.19	3	4.49	.02	.05	1	5
1104	1	26	19	102	.2	8	7	558	2.59	5	5	ND	4	18	.2	3	4	42	.18	.120	6	10	.15	140	.17	9	2.81	.02	.03	1	3
1105	1	6	18	103	.5	5	4	275	1.40	2	5	ND	2	9	.2	2	3	23	.07	.065	6	7	.06	76	.14	5	1.80	.02	.02	1	7
1106	1	16	23	120	.3	10	5	333	2.02	6	5	ND	4	10	.2	2	2	29	.09	.059	7	11	.13	127	.13	7	3.11	.02	.03	1	5
1107	1	9	19	93	.1	8	5	202	2.32	10	5	ND	10	15	.2	2	3	33	.13	.039	10	13	.18	105	.04	2	2.17	.01	.03	1	10
1108	1	24	28	145	.1	8	5	895	2.37	8	5	ND	7	25	.2	3	2	41	.25	.064	13	15	.20	174	.03	2	1.43	.01	.06	1	5
STANDARD C/AU-S	18	60	39	133	7.3	73	31	1059	3.86	42	21	7	39	53	18.6	17	19	59	.50	.089	38	61	.91	182	.09	36	1.89	.05	.14	13	46

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
1109	1	33	12	92	.2	7	3	163	1.51	2	5	ND	4	17	.2	2	2	27	.17	.022	13	10	.15	123	.01	3	1.22	.01	.04	1	28
1110	1	31	10	116	.5	14	10	672	3.49	5	5	ND	3	15	.4	2	2	73	.11	.137	7	18	.52	156	.04	2	2.83	.01	.08	1	82
1111	1	27	13	114	.3	11	9	683	3.20	4	5	ND	3	15	.3	2	2	70	.13	.098	7	17	.48	150	.03	5	2.45	.01	.07	1	18
1112	1	22	7	71	.3	26	13	565	3.77	2	5	ND	10	36	.2	2	2	90	.50	.162	29	76	.91	220	.23	3	1.56	.01	.23	1	1
1113	1	25	8	68	.2	25	13	485	3.66	3	5	ND	6	46	.2	2	2	85	.40	.087	35	82	.84	204	.20	5	1.62	.01	.14	1	2
1114	1	34	11	59	.3	12	10	525	2.79	3	5	ND	6	33	.2	2	3	52	.52	.130	30	28	.62	108	.08	2	1.43	.01	.11	1	3
1115	1	29	12	92	.4	33	16	466	4.16	5	5	ND	5	27	.2	2	2	93	.39	.134	24	105	.92	144	.25	5	2.34	.01	.09	1	3
1116	1	33	7	73	.2	33	16	540	4.46	5	5	ND	6	33	.2	5	2	103	.63	.208	36	97	1.29	246	.22	3	1.90	.01	.19	1	5
1117	1	20	11	52	.3	10	8	385	3.06	3	5	ND	3	21	.3	2	3	55	.26	.040	12	16	.43	110	.08	4	2.44	.01	.08	1	3
1118	2	91	15	64	.4	13	15	388	3.35	6	5	ND	6	27	.3	2	2	54	.26	.030	11	18	.60	121	.07	3	3.48	.01	.09	1	8
1119	1	16	6	64	.1	14	8	875	3.00	3	5	ND	3	26	.2	2	2	67	.28	.062	11	25	.73	92	.12	2	2.55	.01	.07	1	3
1120	1	20	8	79	.2	16	11	826	3.63	6	5	ND	3	31	.2	2	2	81	.32	.045	11	23	.78	130	.12	2	2.77	.01	.07	1	2
1121	1	21	3	52	.2	15	10	361	3.53	2	5	ND	4	17	.2	2	2	74	.20	.044	12	26	.99	86	.01	2	2.49	.01	.05	1	1
1122	1	14	10	52	.1	8	6	336	2.48	3	5	ND	3	11	.2	2	2	52	.10	.096	9	16	.23	70	.09	2	1.71	.01	.04	1	10
1123	1	14	13	38	.1	8	5	167	2.31	7	5	ND	4	13	.2	2	2	35	.12	.157	5	10	.12	89	.19	3	5.78	.02	.03	1	9
1124	1	18	11	57	.1	7	6	287	2.25	8	5	ND	4	14	.2	2	2	39	.13	.124	8	11	.18	79	.10	4	2.44	.01	.04	1	5
1125	1	12	12	44	.1	7	4	164	1.93	5	5	ND	5	9	.2	2	2	37	.10	.056	12	14	.23	42	.04	4	.95	.01	.04	1	16
1126	1	12	13	42	.2	7	4	148	1.57	2	5	ND	6	9	.2	2	2	29	.10	.064	13	13	.22	54	.02	4	.86	.01	.03	1	30
1127	1	22	8	49	.1	22	6	239	2.03	2	5	ND	8	15	.2	2	3	40	.23	.084	22	35	.53	73	.07	7	1.12	.01	.07	1	16
1128	1	13	8	62	.1	15	6	432	2.42	5	5	ND	4	16	.2	2	2	49	.23	.101	16	20	.41	72	.11	2	1.16	.01	.07	1	30
1129	1	10	21	66	.3	3	4	1533	2.08	2	5	ND	4	45	.2	2	2	25	.32	.029	20	3	.08	251	.01	2	.86	.01	.08	1	26
1130	1	7	23	65	.3	4	2	364	1.88	3	5	ND	1	10	.2	2	2	40	.07	.033	13	4	.08	70	.05	2	1.27	.01	.02	1	2
1131	1	7	14	67	.1	7	3	635	1.63	5	5	ND	4	23	.2	2	2	22	.23	.222	5	6	.08	282	.21	2	5.10	.02	.04	1	4
1132	1	6	12	113	.3	5	4	966	1.91	2	5	ND	2	30	.2	2	2	38	.29	.065	20	5	.13	199	.03	4	1.74	.01	.06	1	3
1133	1	12	14	128	.2	7	4	629	2.10	5	5	ND	4	15	.2	2	3	31	.14	.156	8	6	.12	154	.14	5	4.54	.01	.04	1	3
1134	2	20	15	86	.3	8	7	396	2.47	4	5	ND	3	33	.2	2	2	35	.31	.112	9	9	.19	119	.11	5	4.48	.01	.04	1	4
1135	7	104	14	68	.4	8	14	887	4.44	3	5	ND	2	28	.5	3	2	94	.27	.103	12	14	.87	105	.09	2	2.70	.01	.06	1	18
1136	1	10	11	32	.4	8	4	137	2.11	2	5	ND	6	10	.2	2	2	41	.05	.016	20	11	.22	55	.05	4	2.01	.01	.03	1	8
1137	1	16	17	84	.3	11	6	451	2.74	5	5	ND	6	19	.2	2	2	49	.14	.029	20	11	.35	189	.05	2	2.78	.01	.07	1	10
1138	1	11	10	75	.1	8	7	889	2.30	3	5	ND	4	32	.2	2	2	38	.21	.241	10	9	.22	192	.09	3	2.87	.01	.05	1	6
1139	8	72	11	90	.2	10	10	891	3.59	4	5	ND	6	15	.2	2	2	63	.12	.150	12	14	.35	81	.11	2	3.00	.01	.04	1	1
1140	1	21	11	69	.3	13	6	296	2.66	11	5	ND	6	10	.2	3	2	45	.14	.156	10	20	.27	60	.16	12	4.62	.01	.04	1	13
1141	1	17	14	47	.1	8	7	1010	2.77	2	5	ND	4	21	.2	2	2	43	.26	.034	16	9	.42	126	.08	2	2.45	.01	.07	1	4
1142	1	13	11	48	.1	7	6	968	2.53	4	5	ND	5	13	.2	2	2	42	.12	.028	14	9	.28	131	.07	2	1.97	.01	.05	1	2
1143	1	34	9	34	.1	6	6	454	2.62	5	5	ND	3	14	.2	2	2	39	.15	.031	14	9	.33	68	.05	3	1.68	.01	.05	2	1
1144	1	27	17	77	.3	11	8	992	3.42	6	5	ND	4	21	.2	2	2	56	.22	.076	15	14	.61	94	.16	5	3.12	.01	.06	1	1
STANDARD C/AU-S	18	57	42	133	7.2	67	29	1033	3.68	39	17	6	37	47	17.7	14	19	55	.48	.087	36	55	.88	174	.09	34	1.83	.06	.14	13	48

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
1145	1	14	6	51	.2	7	6	584	2.35	2	5	ND	2	24	.2	2	2	38	.32	.040	14	10	.36	58	.08	3	2.06	.01	.05	1	7
1146	1	46	13	52	.5	4	10	1397	2.66	2	5	ND	1	42	.2	2	5	41	.62	.055	8	8	.65	68	.03	7	1.50	.01	.06	1	320
1147	1	43	10	48	.6	6	8	1173	2.54	4	5	ND	2	33	.2	2	2	40	.35	.039	11	10	.43	114	.04	2	1.84	.01	.05	2	37
1148	1	8	21	73	.3	5	4	702	1.86	2	5	ND	5	11	.2	2	4	33	.11	.037	10	5	.16	113	.05	2	1.61	.01	.05	1	65
1149	1	5	24	93	.4	2	3	348	1.19	2	5	ND	5	16	.2	2	2	20	.18	.031	11	3	.08	115	.01	4	1.02	.01	.05	1	102
1150	1	8	16	117	.1	5	6	683	2.92	2	5	ND	4	27	.2	2	4	49	.22	.070	18	6	.35	175	.01	2	2.21	.01	.07	1	9
1151	1	8	15	50	.1	5	4	264	2.08	2	5	ND	5	19	.2	2	2	28	.17	.128	6	6	.12	90	.17	4	5.15	.01	.04	1	9
2001	1	14	15	72	.2	6	4	143	2.02	3	6	ND	7	5	.2	2	2	32	.04	.112	7	11	.17	69	.13	5	4.48	.01	.03	1	4
2002	1	21	16	55	.1	8	5	249	1.69	2	5	ND	3	7	.2	2	2	24	.07	.082	3	7	.10	38	.19	8	6.21	.01	.02	1	12
2003	1	29	9	57	.5	6	5	162	2.17	5	9	ND	4	39	.2	2	2	34	.35	.023	22	13	.21	58	.14	6	2.50	.01	.03	1	20
2004	1	19	20	74	.6	8	4	152	2.21	4	5	ND	6	43	.2	2	6	31	.30	.042	19	9	.13	89	.10	5	2.90	.01	.03	1	7
2005	1	11	18	64	.1	7	5	153	2.20	2	5	ND	5	11	.2	2	2	30	.09	.089	5	10	.11	79	.15	9	5.38	.01	.02	1	8
2006	1	11	12	80	.1	7	5	228	2.00	4	5	ND	4	23	.2	2	2	32	.20	.086	8	8	.16	129	.09	2	3.55	.01	.04	1	10
2007	1	18	11	50	.1	7	6	185	2.73	2	5	ND	6	11	.2	2	2	47	.11	.064	9	15	.31	73	.09	5	2.16	.01	.03	1	24
2008	1	22	5	42	.3	6	5	189	1.97	2	5	ND	9	17	.2	2	3	36	.20	.022	32	15	.32	79	.03	2	1.00	.01	.03	2	11
2009	1	14	6	49	.1	9	5	194	1.89	2	5	ND	7	10	.2	2	2	35	.09	.041	17	14	.28	55	.03	10	1.20	.01	.02	2	23
2010	1	7	22	76	.1	7	4	258	2.22	3	5	ND	9	10	.2	4	2	30	.14	.099	4	7	.11	90	.17	6	5.72	.01	.02	1	6
2011	2	8	24	117	.1	10	5	382	2.38	2	5	ND	7	9	.2	2	2	38	.09	.050	10	9	.17	111	.07	6	3.16	.01	.05	1	5
2012	1	22	24	64	.5	10	5	170	2.36	3	5	ND	11	8	.2	2	2	34	.07	.041	25	10	.21	154	.04	6	3.40	.01	.04	1	15
2013	2	38	7	62	.2	5	8	353	3.04	2	5	ND	2	20	.2	2	2	56	.22	.047	6	10	.44	104	.04	2	1.96	.01	.06	1	5
2014	1	247	14	63	1.5	10	6	724	2.84	2	7	ND	7	29	.2	2	2	41	.32	.121	22	11	.25	98	.13	2	5.45	.01	.05	1	7
2015	1	47	11	91	.4	7	8	696	2.85	2	5	ND	2	15	.2	2	2	50	.14	.100	4	11	.48	77	.12	2	2.60	.01	.04	1	4
2016	2	81	6	62	.4	6	9	397	3.44	4	5	ND	2	18	.2	2	2	65	.13	.042	7	12	.56	65	.04	2	1.82	.01	.04	1	22
2017	1	65	6	52	.7	6	5	198	2.14	2	5	ND	3	14	.2	2	3	38	.12	.034	6	8	.26	77	.09	2	2.44	.01	.04	1	4
2018	1	93	18	78	.5	19	7	617	2.36	3	12	ND	6	57	.2	3	4	32	.47	.043	24	24	.38	102	.13	7	3.19	.02	.04	1	3
2019	1	10	20	62	.4	5	4	96	2.41	2	5	ND	4	11	.2	2	4	30	.14	.087	5	5	.10	74	.14	5	4.63	.01	.02	1	4
2020	2	202	15	52	.5	10	7	211	3.12	5	5	ND	5	20	.2	2	3	50	.15	.037	10	13	.41	102	.09	2	3.31	.01	.04	1	7
2021	1	24	8	60	.4	6	6	209	2.21	4	5	ND	3	10	.2	2	2	43	.08	.039	6	8	.18	78	.08	8	1.85	.01	.03	1	7
2022	1	22	11	66	.3	9	7	272	2.72	2	5	ND	3	30	.2	2	2	52	.21	.030	10	14	.52	151	.06	3	2.05	.01	.05	1	2
2023	2	21	11	56	.3	9	7	222	2.65	3	5	ND	4	23	.2	2	2	42	.14	.037	7	11	.46	96	.08	2	2.62	.01	.03	1	5
2024	5	86	7	53	.3	6	8	319	2.82	3	5	ND	2	24	.2	2	2	55	.21	.038	7	10	.55	92	.03	3	1.97	.01	.05	1	10
2025	1	130	9	53	.2	8	8	302	2.39	3	5	ND	3	26	.2	2	3	46	.29	.031	12	14	.66	63	.07	2	1.90	.01	.05	1	15
2026	2	70	14	78	.4	8	7	653	2.43	3	5	ND	3	14	.2	2	3	47	.13	.033	7	9	.31	138	.10	2	2.32	.01	.04	1	9
2027	1	50	10	57	.2	10	7	292	2.44	2	5	ND	4	20	.2	2	2	49	.18	.037	12	16	.59	60	.04	5	1.92	.01	.03	1	7
2028	1	9	8	45	.2	5	6	197	2.06	2	5	ND	4	8	.2	2	3	40	.07	.045	11	10	.34	72	.03	5	1.39	.01	.03	1	9
2029	1	23	6	44	.3	6	5	301	1.93	2	5	ND	4	17	.2	2	2	36	.20	.020	10	11	.33	59	.03	3	1.36	.01	.03	1	11
STANDARD C/AU-S	18	57	42	134	7.3	68	29	1035	3.68	37	18	7	36	48	17.9	17	21	56	.49	.093	36	56	.87	174	.09	34	1.86	.06	.14	11	52

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
2030	1	7	20	69	.1	6	3	177	2.07	5	5	ND	5	14	.3	2	2	33	.13	.057	9	9	.11	61	.12	2	2.47	.01	.03	1	4
2031	1	5	26	56	.3	5	4	136	1.83	3	5	ND	5	9	.2	2	2	31	.09	.052	8	8	.07	53	.10	4	2.26	.01	.03	1	1
2032	1	6	17	57	.1	4	4	157	1.63	3	5	ND	6	7	.3	2	2	29	.06	.048	14	9	.14	55	.04	3	1.30	.01	.03	1	51
2033	1	5	12	74	.3	6	4	191	1.81	4	5	ND	6	9	.2	2	2	32	.07	.024	12	10	.17	108	.08	2	1.67	.01	.03	1	8
2034	1	9	13	85	.3	7	6	300	2.58	5	5	ND	6	12	.3	2	2	49	.13	.049	12	12	.23	103	.10	6	2.08	.01	.04	1	5
2035	1	224	29	107	.4	11	9	525	3.85	7	5	ND	14	18	.3	3	5	58	.19	.066	31	15	.51	153	.05	3	3.73	.01	.07	1	13
2036	1	14	10	72	.3	6	6	265	2.52	8	5	ND	4	25	.2	2	2	37	.27	.126	9	15	.18	88	.14	9	4.42	.01	.03	1	2
2037	2	76	21	94	.4	15	8	470	3.40	9	6	ND	13	70	.5	2	2	51	.39	.105	34	17	.44	179	.08	3	4.43	.01	.06	1	3
2038	1	117	19	81	1.3	16	8	711	3.14	4	7	ND	11	58	.2	2	2	49	.39	.057	67	17	.43	154	.15	6	3.71	.02	.06	1	9
2039	1	14	10	89	.3	6	5	388	2.37	4	5	ND	5	27	.2	2	6	38	.26	.125	9	11	.18	76	.15	8	2.88	.01	.04	1	1
2040	1	10	17	102	.2	5	4	234	2.15	5	5	ND	4	15	.3	2	2	34	.11	.064	6	7	.12	129	.06	3	3.67	.01	.04	1	2
2041	1	44	16	91	.7	10	8	355	2.63	4	5	ND	4	22	.2	2	2	42	.16	.089	16	12	.29	173	.04	2	3.61	.01	.09	1	1
2042	1	34	6	54	.3	10	7	167	2.53	4	5	ND	5	23	.2	2	2	44	.24	.073	13	14	.33	156	.04	4	2.38	.01	.05	1	1
2043	1	28	15	63	.1	7	7	153	2.33	4	5	ND	3	18	.2	2	4	42	.16	.041	12	13	.34	97	.02	5	1.78	.01	.06	1	1
2044	1	31	22	99	.3	10	11	283	2.97	4	5	ND	4	22	.2	2	4	47	.15	.176	11	15	.39	174	.03	4	2.70	.01	.07	1	1
2045	1	77	8	76	.4	9	11	254	4.15	4	5	ND	4	17	.4	2	3	61	.14	.094	11	15	.62	163	.04	2	4.15	.01	.07	1	3
2046	1	18	16	84	.7	8	8	204	2.47	6	5	ND	5	24	.2	2	2	40	.19	.062	10	11	.29	117	.08	5	2.72	.01	.06	1	5
2047	1	32	12	63	.3	10	8	194	2.93	5	5	ND	5	14	.2	2	2	45	.10	.071	13	12	.37	138	.09	3	3.36	.01	.05	1	2
2048	2	41	5	56	.4	8	8	326	2.86	4	5	ND	4	16	.2	2	2	46	.16	.066	10	11	.43	121	.04	4	2.48	.01	.06	1	6
2049	1	85	10	54	.3	8	6	181	2.37	5	5	ND	7	12	.2	2	2	37	.11	.120	8	10	.24	80	.11	5	4.19	.01	.03	1	7
2050	1	21	10	42	.3	6	6	389	2.21	3	5	ND	3	21	.2	2	3	41	.17	.062	9	9	.26	79	.07	5	2.03	.01	.03	1	9
2051	1	32	12	77	.9	7	6	303	2.40	3	5	ND	3	19	.4	2	4	37	.20	.074	8	8	.26	130	.09	6	3.42	.01	.06	1	1
2052	1	20	11	83	.4	7	6	158	2.29	5	5	ND	4	11	.2	2	2	39	.13	.154	7	8	.20	77	.12	5	2.93	.01	.03	1	4
2053	1	22	15	76	.2	7	6	227	1.93	7	5	ND	5	11	.2	2	3	33	.11	.102	8	11	.20	102	.09	9	2.77	.01	.04	1	330
2054	1	8	29	93	.2	7	4	233	2.25	5	5	ND	14	7	.2	2	2	35	.05	.042	15	8	.14	127	.08	7	2.80	.01	.04	2	11
2055	1	6	32	73	.2	5	3	129	1.81	3	5	ND	11	6	.2	2	2	26	.04	.033	17	6	.10	90	.02	4	1.87	.01	.03	1	5
2056	1	10	27	85	.1	9	4	311	2.00	7	5	ND	9	7	.2	2	2	32	.05	.056	13	7	.14	150	.15	2	3.85	.01	.03	1	2
2057	1	5	44	118	.1	6	5	831	2.44	3	5	ND	11	6	.2	2	4	50	.05	.036	12	6	.10	114	.03	2	1.70	.01	.03	1	3
2058	1	87	11	53	.1	10	8	293	2.80	3	5	ND	4	20	.2	2	2	56	.19	.020	13	21	.58	115	.05	3	1.77	.01	.05	2	2
2059	1	67	16	73	.3	10	8	292	3.29	6	5	ND	4	13	.2	2	2	50	.12	.100	8	17	.29	176	.13	5	4.40	.01	.06	1	4
2060	3	79	16	75	.2	10	12	230	4.67	10	5	ND	5	25	.2	2	2	60	.33	.079	10	15	.39	229	.04	2	4.42	.01	.06	1	1
2061	1	48	13	72	.2	9	9	271	3.03	9	5	ND	3	16	.2	2	2	55	.23	.071	8	14	.43	207	.08	4	3.24	.01	.06	1	2
2062	2	142	17	71	.2	11	10	280	3.36	10	5	ND	5	24	.2	2	5	48	.36	.100	13	17	.48	310	.02	2	4.22	.01	.09	1	8
2063	1	22	7	89	.3	8	9	186	3.29	6	5	ND	3	13	.2	2	3	48	.15	.058	9	18	.28	159	.12	6	3.53	.01	.04	2	3
2064	1	16	14	98	.3	7	7	359	2.28	8	5	ND	3	9	.2	2	7	35	.11	.061	7	9	.18	123	.16	4	4.26	.01	.03	1	1
2065	1	28	17	96	.2	9	7	442	3.61	7	5	ND	5	14	.2	2	2	57	.18	.084	11	16	.36	112	.11	3	2.69	.01	.06	1	3
STANDARD C/AU-S	18	57	44	130	7.0	67	30	1024	3.72	41	15	6	36	47	17.7	14	19	56	.49	.090	38	56	.88	175	.09	33	1.81	.06	.14	11	50

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
2066	1	16	15	43	.4	6	5	241	2.29	10	5	ND	2	14	.2	2	3	32	.16	.059	3	5	.14	67	.21	3	3.45	.01	.03	1	1
2067	1	11	10	67	.2	6	6	679	2.30	5	5	ND	2	26	.2	2	2	41	.27	.162	4	8	.22	102	.17	3	3.80	.01	.04	1	1
2068	2	20	14	76	.2	7	10	543	3.47	8	5	ND	2	19	.3	4	2	72	.28	.044	6	9	1.32	146	.06	2	3.62	.01	.05	1	4
2069	1	36	14	105	.1	8	10	1152	3.83	8	5	ND	2	22	.2	2	2	78	.29	.058	10	12	.77	283	.07	2	3.90	.01	.07	1	1
2070	1	9	6	74	.1	4	8	678	2.65	5	5	ND	1	20	.2	2	2	67	.27	.051	5	7	.41	195	.02	2	1.77	.01	.05	1	3
2071	1	62	12	47	.1	9	10	220	3.23	7	5	ND	4	11	.3	2	2	54	.16	.074	12	20	.37	59	.02	2	1.59	.01	.03	2	13
2072	1	13	18	72	.2	5	4	371	1.98	2	5	ND	6	6	.2	2	4	30	.05	.158	9	5	.10	100	.16	4	4.43	.01	.03	1	4
2073	1	10	19	75	.1	3	4	1106	1.85	5	5	ND	8	20	.2	2	2	21	.14	.040	24	2	.08	248	.02	2	1.16	.01	.07	1	1
2074	1	11	20	60	.4	7	4	220	1.73	4	5	ND	5	43	.2	2	3	21	.38	.059	11	4	.13	240	.20	6	4.45	.02	.04	1	4
2075	1	15	8	55	.2	10	8	347	2.74	7	5	ND	2	20	.2	2	2	51	.23	.074	9	15	.56	61	.05	2	1.89	.01	.05	1	4
2076	1	22	7	33	.1	3	6	318	1.97	4	5	ND	5	13	.2	2	5	33	.26	.060	15	8	.36	29	.04	4	.74	.01	.04	1	6
2077	1	14	11	43	.7	4	4	129	2.53	2	5	ND	3	9	.2	2	2	37	.11	.119	5	5	.15	47	.14	2	2.41	.01	.03	1	6
2078	1	8	8	61	.1	8	5	454	1.86	3	5	ND	1	22	.2	2	4	36	.22	.058	12	17	.29	113	.05	4	.90	.01	.04	1	1
2079	1	13	11	56	.1	13	7	272	3.10	7	5	ND	5	11	.2	2	2	57	.13	.087	20	27	.49	41	.08	2	1.15	.01	.03	1	1
2080	1	36	13	65	.2	25	10	496	3.00	4	5	ND	9	32	.2	2	2	57	.50	.108	35	44	.89	100	.14	6	1.60	.01	.13	1	16
2081	1	7	18	37	.3	6	4	170	2.00	5	5	ND	5	11	.2	2	2	31	.09	.099	7	11	.13	76	.13	2	3.27	.01	.02	1	3
2082	1	7	11	35	.2	6	4	211	1.86	3	5	ND	5	10	.2	2	4	35	.06	.047	13	10	.15	62	.06	5	1.70	.01	.02	1	16
2083	1	13	13	55	.2	9	5	140	2.18	3	5	ND	5	13	.3	2	4	36	.12	.057	10	12	.21	82	.11	5	2.62	.01	.04	1	16
2084	1	10	15	85	.1	8	4	492	1.92	5	5	ND	5	13	.2	2	2	35	.12	.081	9	12	.18	95	.13	3	2.89	.01	.03	1	10
2085	1	27	14	86	.1	9	5	357	2.75	7	5	ND	4	29	.2	2	6	47	.20	.104	15	11	.32	199	.10	2	3.07	.01	.06	1	14
2086	1	50	15	119	.5	6	10	1624	3.69	6	5	ND	5	40	.2	2	2	51	.33	.073	32	9	.56	134	.03	2	1.95	.01	.08	1	5
2087	1	16	9	65	.1	6	5	496	2.06	6	5	ND	4	15	.2	2	2	32	.14	.127	7	8	.18	89	.13	3	3.41	.01	.03	1	1
2088	2	18	9	67	.1	8	7	270	2.31	5	5	ND	3	20	.2	2	2	38	.08	.207	4	8	.14	112	.20	6	4.56	.01	.04	1	2
2089	1	31	8	65	.4	9	8	321	2.56	3	5	ND	4	26	.2	2	2	38	.23	.056	14	12	.51	155	.02	3	1.76	.01	.06	1	4
2090	1	19	14	102	.2	18	13	622	3.54	7	5	ND	2	38	.3	2	2	55	.29	.179	20	51	.46	255	.01	2	2.30	.01	.08	1	1
2091	1	44	8	70	.4	18	8	465	2.90	4	5	ND	5	69	.2	2	2	42	.41	.046	30	26	.51	217	.03	2	2.05	.01	.08	1	5
2092	1	21	12	44	.1	9	7	337	2.23	2	5	ND	4	39	.2	2	2	37	.32	.051	19	21	.51	105	.04	7	1.27	.01	.05	1	19
2093	1	23	11	55	.3	10	7	487	2.18	5	5	ND	3	34	.2	3	2	40	.21	.037	11	14	.36	140	.06	2	1.70	.01	.04	1	7
2094	1	18	6	51	.1	5	6	472	2.15	2	5	ND	5	24	.2	2	2	35	.20	.053	14	9	.29	100	.08	3	2.07	.01	.04	2	28
2095	2	119	10	87	.3	9	14	729	4.32	12	5	ND	1	27	.2	2	2	72	.23	.103	6	13	.64	111	.03	2	2.69	.01	.08	1	9
2096	1	33	8	48	.4	7	8	202	2.61	5	5	ND	3	17	.2	3	2	40	.15	.052	15	8	.27	61	.06	3	2.37	.01	.04	1	2
2097	2	123	5	50	.4	8	12	235	2.86	6	5	ND	3	14	.2	2	2	43	.09	.023	11	11	.46	83	.04	2	2.05	.01	.05	1	13
2098	1	198	11	53	.4	9	8	300	3.14	5	5	ND	3	21	.2	2	2	55	.23	.037	9	10	.51	76	.02	2	2.54	.01	.06	1	2
2099	2	39	12	50	.8	6	6	264	2.33	5	5	ND	2	13	.2	2	5	36	.14	.135	5	7	.16	59	.15	3	3.55	.01	.04	1	19
2100	1	11	10	60	.2	7	4	320	1.68	4	5	ND	4	10	.2	2	2	26	.10	.086	6	8	.13	100	.13	4	3.31	.01	.03	1	5
2101	1	7	13	65	.1	6	3	163	1.49	2	5	ND	5	9	.2	2	2	24	.09	.033	9	7	.12	111	.05	5	2.25	.01	.04	1	220
STANDARD C/AU-S	17	56	40	134	7.2	68	29	1034	3.71	43	16	6	36	47	17.7	15	18	56	.49	.087	36	55	.88	174	.09	33	1.86	.06	.14	11	46

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
2102	1	8	14	63	.2	8	4	149	1.70	6	5	ND	8	7	.2	2	2	27	.06	.055	9	9	.16	137	.06	4	3.03	.01	.04	1	5
2103	1	7	21	99	.1	7	5	166	1.80	2	5	ND	7	7	.2	3	2	32	.05	.047	10	8	.14	110	.04	3	2.02	.01	.03	1	5
2104	1	129	10	95	.1	12	13	434	4.05	4	5	ND	4	17	.2	2	2	67	.19	.064	9	12	.65	233	.01	2	2.74	.01	.07	1	1
2105	1	61	15	103	.2	10	12	743	3.97	5	5	ND	4	28	.3	2	2	67	.34	.068	10	12	.67	187	.03	2	2.58	.01	.08	1	6
2106	1	37	10	57	.1	12	9	234	3.01	4	5	ND	3	15	.3	2	2	45	.18	.044	17	17	.59	143	.01	2	1.99	.01	.10	1	3
2107	1	10	12	93	.1	21	9	482	2.20	4	5	ND	1	39	.4	2	2	44	.35	.101	13	48	.80	147	.06	3	2.34	.02	.07	1	1
2108	1	16	11	61	.1	9	8	490	2.13	6	5	ND	3	14	.2	2	2	35	.13	.092	7	9	.28	148	.07	2	2.96	.01	.04	1	470
2109	1	13	14	58	.4	6	5	434	1.81	7	5	ND	3	9	.2	2	2	26	.09	.101	5	5	.12	82	.19	10	4.71	.01	.03	1	13
2110	1	32	8	42	.2	4	8	391	2.45	2	5	ND	3	35	.2	2	2	44	.36	.062	12	11	.63	56	.07	3	1.50	.01	.04	2	17
2111	1	20	10	72	.1	7	6	406	2.59	8	5	ND	3	13	.2	3	2	34	.14	.124	6	9	.34	124	.09	2	4.24	.01	.04	1	9
2112	1	25	4	60	.2	5	7	188	2.35	5	5	ND	3	9	.2	2	2	37	.11	.134	5	7	.23	81	.10	2	3.81	.01	.04	1	8
2113	1	20	11	68	.4	7	6	433	2.43	7	5	ND	3	9	.4	2	2	40	.08	.088	7	10	.30	103	.10	2	2.90	.01	.04	1	4
2114	1	53	17	66	.2	8	7	226	2.76	2	5	ND	6	10	.2	2	2	48	.09	.067	9	11	.44	60	.09	2	3.59	.01	.05	1	15
2115	1	63	10	91	.4	8	7	282	2.96	5	5	ND	4	20	.2	2	2	53	.21	.049	11	10	.56	77	.02	2	2.82	.01	.07	1	42
2116	1	66	6	31	.3	4	3	123	1.19	2	5	ND	5	11	.2	2	2	22	.10	.014	12	9	.13	68	.03	5	1.14	.01	.02	1	5
2117	2	77	27	111	.4	12	6	288	2.58	7	5	ND	12	14	.4	2	2	37	.09	.053	11	13	.25	171	.03	2	4.02	.01	.06	1	27
2118	2	6	19	81	.1	5	3	149	2.07	3	5	ND	4	9	.2	2	2	34	.08	.026	8	9	.12	63	.04	2	1.66	.01	.03	1	7
2119	1	11	18	153	.2	12	5	515	2.49	6	5	ND	5	18	.5	2	2	39	.16	.039	10	13	.22	158	.07	3	2.48	.01	.06	1	9
2120	1	25	7	95	.1	8	6	422	2.44	8	5	ND	5	25	.3	2	2	36	.34	.089	7	9	.29	175	.07	2	2.88	.01	.06	1	7
2121	1	25	14	150	.1	13	6	935	2.49	5	5	ND	3	20	.2	2	2	45	.15	.103	8	20	.49	247	.03	2	1.95	.01	.07	1	9
2122	1	31	15	76	.2	7	7	441	2.66	5	5	ND	4	23	.2	2	2	40	.22	.091	7	12	.41	149	.07	2	3.32	.01	.05	1	17
2123	1	10	16	42	.2	7	3	234	1.81	8	5	ND	2	27	.2	2	2	22	.32	.367	6	5	.17	90	.19	3	4.97	.02	.03	1	5
2124	1	28	10	67	.3	28	12	514	3.85	5	5	ND	5	27	.2	2	2	74	.37	.092	21	68	.88	141	.13	5	2.18	.01	.11	1	6
2125	1	11	15	51	.1	4	4	202	1.86	2	5	ND	2	10	.2	2	2	39	.08	.027	9	8	.18	35	.02	2	.90	.01	.03	1	8
2126	1	25	16	71	.1	26	8	328	2.93	4	5	ND	8	17	.2	2	2	58	.25	.095	21	62	1.01	93	.18	8	1.65	.01	.12	1	5
2127	1	21	5	36	.1	9	5	203	1.73	3	5	ND	6	11	.2	2	2	34	.20	.075	15	17	.30	69	.04	3	1.01	.01	.03	2	6
2128	1	22	7	62	.2	9	7	260	2.43	2	5	ND	3	22	.2	2	2	46	.27	.083	13	25	.42	70	.05	2	1.14	.01	.05	1	4
2129	6	15	17	97	.1	4	5	670	2.82	3	5	ND	13	18	.2	2	2	29	.15	.045	34	6	.14	146	.01	2	.98	.01	.07	3	5
2130	3	12	23	108	.2	7	6	771	2.83	5	5	ND	4	15	.2	2	2	40	.11	.083	15	8	.15	167	.04	2	2.27	.01	.05	1	3
2131	1	45	12	50	.2	8	11	192	2.41	7	5	ND	5	14	.2	2	2	38	.09	.055	8	10	.41	124	.07	2	2.53	.01	.05	1	5
2132	1	24	13	47	.7	9	8	243	2.48	4	5	ND	3	17	.2	2	2	37	.15	.072	6	9	.30	118	.11	2	3.05	.01	.05	2	7
2133	1	23	14	69	.4	9	9	422	2.68	4	5	ND	4	12	.2	2	2	39	.11	.077	5	9	.31	100	.12	2	3.91	.01	.05	1	7
2134	1	38	13	70	.3	8	8	227	3.00	10	5	ND	4	14	.2	2	2	49	.13	.115	6	10	.38	82	.14	2	3.81	.01	.04	1	12
2135	1	30	13	66	.3	6	6	240	2.47	4	5	ND	3	12	.2	2	2	42	.10	.126	6	9	.27	99	.14	6	3.50	.01	.04	2	3
2136	1	24	11	76	.2	8	6	582	2.58	5	5	ND	4	12	.2	2	2	43	.11	.122	7	10	.33	114	.12	3	3.59	.01	.04	1	8
2137	1	48	13	84	.9	9	8	330	2.85	6	5	ND	4	15	.2	2	2	51	.18	.068	7	11	.49	94	.04	2	3.29	.01	.05	1	97
STANDARD C/AU-S	17	56	45	135	7.2	66	29	1035	3.70	38	16	7	37	47	17.9	15	19	56	.48	.091	37	57	.87	175	.09	34	1.83	.06	.14	12	51

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
2138	1	55	13	63	.4	6	6	249	2.76	5	5	ND	5	13	.2	2	2	48	.13	.048	9	11	.37	75	.09	4	2.90	.01	.04	1	4
2139	1	237	10	75	.3	8	8	300	3.07	3	5	ND	4	11	.2	2	2	58	.11	.046	9	13	.55	60	.12	6	2.75	.01	.05	1	21
2140	1	10	10	42	.4	5	3	100	1.60	2	5	ND	7	8	.2	2	2	26	.06	.031	9	9	.12	71	.06	9	1.95	.01	.02	1	49
2141	1	5	16	55	.1	6	3	149	1.45	5	5	ND	6	9	.2	2	2	23	.08	.031	9	10	.11	65	.08	4	2.63	.01	.02	1	15
2142	1	16	17	97	.3	8	5	320	1.76	2	5	ND	10	15	.2	2	2	27	.13	.032	27	15	.21	86	.01	2	1.26	.01	.04	1	20
2143	1	7	19	61	.2	5	4	338	1.88	2	5	ND	9	8	.2	2	2	30	.06	.038	9	8	.08	91	.09	4	2.00	.01	.02	1	20
2144	1	24	15	73	.1	7	6	242	2.10	6	5	ND	5	12	.2	2	2	31	.10	.083	7	9	.18	116	.10	2	3.26	.01	.03	1	6
2145	1	106	7	104	.1	13	13	495	4.30	5	5	ND	3	24	.2	2	2	81	.18	.061	7	20	.88	137	.06	5	1.91	.01	.09	1	12
2146	1	70	19	168	.3	13	13	434	5.05	5	5	ND	4	10	.2	2	2	83	.09	.068	7	20	.72	176	.05	2	2.95	.01	.06	1	7
2147	1	45	19	117	.2	15	9	198	3.47	8	5	ND	6	27	.2	2	2	52	.20	.079	9	16	.37	291	.09	2	3.91	.01	.06	1	28
2148	1	6	22	62	.2	5	3	447	1.74	6	5	ND	4	28	.2	2	2	29	.25	.067	7	5	.10	107	.18	3	4.37	.01	.04	2	21
2149	1	10	22	86	.9	5	4	330	2.25	6	5	ND	4	43	.2	2	2	36	.41	.081	18	8	.23	212	.13	4	3.95	.02	.05	1	7
2150	1	16	12	48	.1	6	6	569	2.53	4	5	ND	5	15	.2	2	2	40	.13	.034	15	11	.37	140	.10	3	2.31	.01	.04	1	21
2151	1	19	23	66	.2	9	9	519	3.58	2	5	ND	4	18	.2	2	2	56	.20	.050	8	11	.52	136	.19	8	3.28	.01	.05	1	10
2152	1	13	13	51	.1	6	6	241	2.54	5	5	ND	6	17	.2	2	2	39	.20	.034	14	10	.28	150	.04	2	2.28	.01	.06	1	6
2153	1	14	13	65	.1	7	7	538	3.26	4	5	ND	3	17	.2	2	3	53	.20	.044	12	11	.39	91	.11	2	1.79	.01	.06	1	4
2154	1	32	12	60	.3	7	8	670	2.65	2	5	ND	4	16	.2	2	2	38	.14	.035	14	11	.40	107	.10	2	2.42	.01	.07	1	30
2155	1	44	17	177	1.1	6	13	1074	3.30	8	5	ND	2	24	.4	2	2	48	.19	.040	10	9	.44	112	.03	2	1.90	.01	.08	1	220
2156	1	15	21	117	.5	7	7	797	2.87	6	5	ND	4	24	.2	2	2	45	.23	.041	17	7	.27	288	.03	3	2.42	.01	.09	1	90
2157	1	8	23	84	.5	5	3	677	1.37	4	5	ND	2	35	.4	2	2	23	.31	.038	21	7	.13	173	.01	2	1.90	.01	.06	1	113
2158	1	11	45	181	.3	3	6	1007	2.56	2	5	ND	4	42	.5	2	2	49	.29	.066	24	6	.21	214	.02	2	1.62	.01	.08	1	32
2159	1	13	19	166	.1	8	6	547	3.10	6	5	ND	3	21	.2	2	2	51	.15	.098	12	9	.27	210	.10	2	2.86	.01	.06	1	7
2160	1	15	9	67	.1	6	6	358	2.58	2	5	ND	4	26	.2	2	2	43	.17	.041	17	11	.43	119	.03	4	1.66	.01	.07	1	6
2161	3	33	14	74	.2	8	7	353	2.48	4	5	ND	5	19	.2	2	2	45	.11	.061	10	14	.24	164	.10	2	3.25	.01	.04	1	9
2162	4	27	16	47	.4	5	6	364	2.87	6	5	ND	2	14	.2	2	2	41	.11	.103	6	5	.11	71	.20	9	5.13	.01	.02	1	2
2163	2	17	21	32	.4	8	5	87	2.26	9	5	ND	4	8	.2	3	2	38	.06	.072	6	11	.14	55	.19	5	5.37	.01	.02	2	6
2164	4	38	12	67	.8	8	6	324	2.70	4	5	ND	3	13	.2	2	2	55	.16	.061	8	12	.30	85	.12	2	3.07	.01	.04	1	37
2165	5	49	16	63	1.2	7	7	398	3.40	4	5	ND	2	29	.2	2	2	65	.30	.082	8	11	.31	105	.13	2	2.37	.01	.05	1	215
3001	1	13	17	65	.2	11	6	142	2.55	8	5	ND	6	8	.2	2	2	40	.07	.133	8	19	.19	61	.17	4	6.29	.01	.02	1	23
3002	1	14	16	72	.4	9	5	149	2.36	3	5	ND	4	14	.2	2	2	46	.11	.038	9	12	.17	95	.14	6	1.96	.01	.04	1	15
3003	1	10	22	95	.4	6	6	295	2.10	4	5	ND	6	12	.2	2	2	33	.09	.064	9	8	.12	78	.11	3	3.73	.01	.04	1	7
3004	18	118	20	70	.4	8	8	573	5.74	5	5	ND	5	35	.2	2	2	98	.21	.057	8	11	.59	91	.01	2	2.88	.01	.06	1	6
3005	2	109	10	67	.1	11	12	836	4.59	8	5	ND	4	46	.2	6	2	87	.64	.106	8	13	1.99	91	.17	3	3.01	.01	.09	2	5
3006	11	344	9	58	.3	8	15	425	5.16	10	5	ND	4	78	.2	4	2	66	1.06	.095	10	15	.83	65	.04	2	3.87	.01	.11	1	4
3007	2	163	12	65	.3	9	8	418	2.50	4	5	ND	4	20	.2	2	2	48	.24	.031	12	18	.63	115	.05	2	2.11	.01	.05	1	18
3008	1	18	9	81	.3	9	7	301	2.57	2	5	ND	4	15	.2	2	2	58	.15	.029	19	14	.67	127	.01	2	2.35	.01	.05	1	13
STANDARD C/AU-S	17	56	39	133	7.3	68	29	1022	3.70	41	18	6	36	48	17.2	15	18	56	.48	.086	37	55	.87	174	.09	32	1.80	.06	.14	12	47

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
3009	1	35	13	66	.4	11	8	519	3.24	3	5	ND	7	17	.2	2	2	49	.19	.052	8	15	.52	96	.15	4	3.87	.02	.06	1	6
3010	1	85	19	79	.4	12	8	615	3.13	2	5	ND	11	16	.2	2	2	47	.15	.081	13	16	.53	113	.11	6	4.00	.02	.10	1	17
3011	1	9	13	41	.1	5	3	101	1.49	2	5	ND	7	8	.2	2	3	25	.09	.016	12	12	.13	35	.03	7	.72	.01	.03	2	6
3012	1	1	13	56	.1	6	3	184	1.61	2	5	ND	8	8	.2	2	4	26	.07	.030	11	12	.10	57	.04	8	.96	.01	.06	1	14
3013	1	23	26	90	.5	10	5	141	2.57	2	5	ND	14	15	.2	2	2	33	.12	.049	8	12	.13	84	.21	6	4.58	.02	.06	1	37
3014	1	6	16	68	.1	5	4	145	1.95	2	5	ND	6	10	.2	2	4	33	.08	.019	11	12	.16	63	.02	5	1.02	.01	.05	1	2
3015	1	16	31	127	.1	8	5	471	3.10	5	5	ND	10	16	.2	2	6	61	.11	.080	8	10	.21	124	.08	7	2.05	.02	.07	1	5
3016	1	31	19	115	.1	14	14	693	4.16	2	5	ND	4	28	.2	2	2	82	.25	.050	7	20	1.22	197	.06	3	3.04	.02	.11	1	4
3017	1	96	13	35	.6	13	5	269	2.11	4	9	ND	8	67	.2	2	3	21	.62	.082	35	7	.20	61	.26	13	6.29	.04	.05	1	5
3018	2	95	21	96	.3	25	9	463	3.86	3	7	ND	14	94	.2	2	2	48	.62	.119	29	16	.35	217	.23	9	6.85	.04	.09	1	6
3019	1	17	14	77	.1	10	6	178	2.74	6	5	ND	7	29	.2	2	3	35	.18	.084	5	11	.18	114	.17	6	5.50	.02	.04	1	5
3020	1	21	21	103	.4	9	8	728	2.91	5	5	ND	9	47	.2	2	2	37	.30	.289	7	12	.15	100	.24	6	5.02	.02	.07	1	3
3021	1	42	13	66	.2	21	9	388	2.96	5	5	ND	4	44	.2	2	2	44	.30	.036	19	18	.49	227	.05	3	2.10	.02	.09	1	1
3022	1	31	18	90	.1	15	9	228	3.24	3	5	ND	7	38	.2	3	3	43	.27	.160	11	17	.36	135	.10	4	4.48	.02	.08	1	5
3023	2	93	12	79	.2	10	15	507	4.83	4	8	ND	9	19	.2	2	4	94	.26	.064	13	16	1.07	145	.01	2	3.42	.01	.10	1	6
3024	1	27	13	87	.1	8	10	465	3.01	3	5	ND	4	32	.2	3	2	49	.25	.135	11	15	.36	190	.03	2	2.71	.02	.09	1	4
3025	1	16	18	72	.1	11	11	325	3.17	7	5	ND	5	30	.5	2	4	48	.23	.069	12	13	.50	169	.06	2	2.72	.02	.09	1	5
3026	1	35	11	46	.4	9	10	333	3.04	2	9	ND	8	22	.2	2	3	48	.19	.094	12	12	.41	109	.11	6	3.04	.02	.09	1	17
3027	1	43	7	31	.1	7	7	180	2.42	5	5	ND	6	28	.2	2	2	43	.29	.103	13	13	.40	46	.08	8	1.44	.01	.05	1	5
3028	1	31	10	45	.1	7	8	299	2.51	2	5	ND	11	30	.2	2	2	43	.32	.066	30	12	.51	70	.07	5	1.32	.03	.10	1	4
3029	1	34	11	50	.1	9	8	182	2.45	2	5	ND	11	24	.2	2	2	40	.18	.045	22	10	.42	110	.07	2	2.22	.02	.09	1	11
3030	1	34	9	49	.1	9	8	213	2.60	2	5	ND	9	22	.2	2	2	43	.16	.040	20	11	.49	118	.06	5	2.09	.02	.07	1	17
3031	1	81	6	39	.1	6	7	195	2.40	3	5	ND	4	26	.2	2	4	45	.18	.025	18	12	.37	45	.03	3	1.36	.01	.06	1	8
3032	1	37	15	94	.3	10	9	420	2.99	2	5	ND	6	16	.2	3	2	41	.14	.106	9	14	.33	126	.10	6	3.45	.02	.07	1	10
3033	1	28	16	74	.1	9	8	905	2.57	2	5	ND	7	12	.2	2	2	41	.11	.028	10	13	.26	156	.05	2	1.81	.01	.06	1	7
3034	1	17	23	73	.2	10	5	500	2.35	2	5	ND	14	8	.2	2	3	34	.07	.058	10	12	.17	97	.14	3	3.64	.02	.06	1	4
3035	1	9	20	65	.1	10	5	372	2.06	6	5	ND	7	14	.2	2	3	28	.16	.050	9	10	.14	158	.17	4	4.26	.02	.05	1	29
3036	1	16	22	77	.1	8	5	185	2.04	3	5	ND	8	10	.2	2	2	34	.09	.029	11	11	.17	132	.03	2	1.86	.01	.05	1	11
3037	1	12	25	134	.1	18	6	306	2.42	2	5	ND	7	23	.2	2	2	37	.21	.063	9	17	.23	297	.20	7	3.44	.02	.06	1	3
3038	1	15	14	53	.1	12	7	204	2.92	2	5	ND	5	20	.2	2	2	53	.13	.084	11	22	.32	77	.15	4	2.70	.02	.07	1	7
3039	1	17	5	56	.1	12	9	290	3.54	2	5	ND	7	15	.2	2	2	79	.21	.090	17	50	.38	76	.08	5	1.26	.02	.07	1	3
3040	1	23	14	75	.2	10	9	304	3.66	2	5	ND	7	13	.2	2	2	67	.13	.145	12	39	.21	90	.11	2	2.74	.02	.08	1	3
3041	1	26	12	65	.4	12	9	271	3.37	5	5	ND	11	13	.2	2	2	63	.17	.072	14	39	.32	106	.08	4	2.43	.01	.07	1	1
3042	1	20	17	53	.1	9	8	141	3.59	2	5	ND	5	19	.2	2	2	62	.17	.057	8	26	.18	125	.13	2	2.56	.02	.07	1	6
3043	1	19	12	50	.2	9	7	260	3.16	10	5	ND	6	16	.2	2	2	52	.15	.049	10	26	.17	135	.15	6	2.87	.02	.08	1	4
3044	1	29	11	79	.2	10	8	297	3.35	4	5	ND	5	12	.2	3	2	44	.16	.078	6	11	.27	151	.08	2	4.68	.02	.07	1	2
STANDARD C/AU-S	18	62	37	131	7.2	73	31	1033	4.00	39	22	8	39	53	18.6	16	18	58	.50	.085	38	60	.93	182	.09	33	1.95	.06	.14	12	52

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
3045	1	67	17	77	.4	11	11	437	3.58	7	5	ND	6	21	.2	2	2	48	.27	.113	7	14	.34	157	.13	6	4.35	.02	.07	1	5
3046	1	21	13	59	.2	10	7	662	2.96	2	6	ND	6	22	.2	2	2	41	.28	.076	6	10	.37	158	.14	4	3.81	.02	.08	1	4
3047	1	37	11	69	.1	10	9	594	3.36	4	5	ND	5	24	.2	2	2	52	.30	.135	8	12	.45	98	.18	6	4.35	.02	.05	1	4
3048	1	24	20	235	.2	10	10	384	3.46	10	5	ND	5	21	.2	2	2	54	.23	.080	6	13	.56	144	.12	5	3.37	.02	.07	1	1
3049	1	13	15	78	.1	9	8	333	3.65	8	5	ND	4	18	.2	2	2	58	.21	.053	5	12	.46	102	.03	3	2.87	.01	.07	1	1
3050	1	23	12	69	.4	11	9	649	3.25	2	7	ND	9	12	.2	2	2	54	.12	.067	9	20	.34	138	.08	5	2.72	.01	.08	1	12
3051	1	17	12	48	.4	8	6	185	2.74	4	9	ND	7	13	.2	2	2	45	.11	.058	10	16	.21	84	.08	5	1.99	.01	.06	2	4
3052	1	17	12	65	.2	8	6	397	2.69	9	5	ND	5	8	.2	2	2	43	.06	.122	8	13	.15	76	.15	6	3.85	.02	.06	1	8
3053	1	14	13	78	.1	10	6	457	2.48	7	5	ND	4	12	.2	2	2	34	.09	.101	8	11	.14	93	.15	4	3.83	.01	.04	1	1
3054	1	15	14	178	.3	11	11	1149	5.77	8	5	ND	6	18	.2	2	2	93	.12	.038	28	10	.72	157	.01	3	2.64	.01	.07	1	1
3060	1	15	21	72	.2	7	6	529	2.36	5	5	ND	7	19	.2	2	2	36	.13	.114	11	11	.19	110	.08	3	1.78	.01	.05	1	5
3061	1	7	13	72	.3	9	6	568	2.30	12	9	ND	8	12	.2	2	3	31	.08	.117	5	10	.15	94	.19	5	5.18	.02	.05	1	1
3062	1	42	14	66	.6	10	7	586	2.74	6	5	ND	6	28	.2	2	2	40	.19	.069	12	13	.24	148	.16	5	3.97	.02	.06	1	3
3063	1	12	17	97	.7	8	7	622	3.17	4	6	ND	7	37	.2	2	2	45	.19	.063	11	12	.20	101	.10	4	2.59	.01	.08	1	5
3064	1	24	7	57	.1	12	9	276	3.62	2	5	ND	9	10	.2	2	2	61	.13	.089	16	24	.63	94	.05	7	1.75	.01	.03	1	1
3065	1	91	14	72	.9	15	9	446	3.35	2	6	ND	10	35	.2	2	2	52	.25	.027	20	21	.39	221	.10	5	3.60	.01	.08	1	2
3066	1	65	12	56	.6	17	9	658	3.46	8	5	ND	5	82	.2	2	2	47	.43	.047	33	19	.50	339	.06	4	2.97	.02	.08	1	20
3067	1	27	12	74	.6	10	8	406	2.43	5	5	ND	4	16	.2	2	2	34	.12	.082	10	11	.23	112	.07	8	2.53	.01	.06	1	3
3068	1	81	15	71	.8	18	9	503	3.40	5	5	ND	7	78	.2	2	2	44	.43	.042	34	22	.47	266	.06	4	3.06	.02	.09	1	1
3069	1	27	8	48	.4	9	11	412	2.95	2	5	ND	8	43	.2	2	2	47	.43	.099	16	15	.54	100	.07	9	1.49	.01	.08	2	13
3070	1	36	13	43	.3	11	9	595	2.77	4	5	ND	5	60	.2	3	2	45	.46	.058	23	16	.68	123	.06	5	1.77	.01	.06	2	30
3071	1	16	4	28	.5	5	3	434	1.17	2	5	ND	3	23	.2	2	2	22	.18	.028	6	6	.23	63	.03	4	1.13	.03	.05	2	1
3072	1	23	15	87	.4	9	10	306	3.15	11	5	ND	6	18	.2	2	2	44	.15	.072	12	13	.41	118	.02	3	2.58	.01	.08	1	10
3073	1	37	8	38	.5	8	9	220	2.47	2	5	ND	7	28	.2	2	2	43	.20	.024	12	11	.40	83	.06	5	1.50	.01	.07	1	3
3074	2	102	7	58	.8	12	10	566	2.93	2	5	ND	5	30	.2	2	2	44	.28	.026	21	13	.44	74	.05	4	2.12	.02	.07	1	24
3075	1	61	12	61	.5	10	9	689	2.86	2	9	ND	8	18	.2	2	2	44	.17	.045	11	13	.45	88	.10	5	2.95	.01	.08	1	1
3076	1	20	10	56	.7	6	5	190	2.16	5	9	ND	7	23	.2	2	2	34	.17	.070	8	10	.24	59	.07	7	1.93	.01	.07	1	10
3077	2	204	16	73	.9	10	6	442	2.66	4	45	ND	14	20	.2	3	6	33	.15	.065	77	12	.20	92	.20	6	5.30	.02	.09	1	1
3078	1	10	21	144	.4	9	5	887	2.32	9	5	ND	5	12	.2	4	2	30	.09	.158	6	9	.13	99	.20	5	4.02	.02	.05	1	8
3079	1	3	16	50	.3	3	2	120	1.60	2	6	ND	9	8	.2	2	2	23	.06	.015	16	6	.12	47	.01	4	1.01	.01	.07	2	71
3080	1	1	19	92	.4	7	5	906	1.90	2	5	ND	7	8	.2	2	5	31	.06	.067	7	9	.13	106	.08	4	1.63	.01	.06	1	2
STANDARD C/AU-S	18	58	42	132	7.3	73	31	1047	4.06	42	16	7	39	52	18.7	16	21	59	.52	.088	39	59	.95	183	.09	36	2.00	.05	.13	13	49

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
3081	1	18	11	70	.1	8	9	554	3.45	2	5	ND	1	15	.2	2	2	58	.13	.023	7	13	.71	212	.01	2	2.27	.01	.02	1	17
3082	1	112	16	151	.2	12	20	1006	5.53	8	5	ND	8	25	.2	2	2	77	.22	.120	8	15	.79	234	.03	2	3.14	.01	.07	1	2
3083	1	20	12	73	.1	15	11	488	2.76	2	5	ND	4	21	.2	2	2	43	.21	.049	11	22	.62	171	.01	2	1.89	.01	.09	1	1
3084	1	49	14	121	.3	10	10	257	3.09	5	5	ND	4	23	.2	2	2	43	.19	.112	7	10	.41	157	.04	4	2.78	.01	.05	1	23
3085	1	37	13	55	.1	8	7	364	2.95	3	5	ND	2	20	.2	3	2	47	.14	.051	7	11	.49	77	.03	2	2.09	.01	.06	1	10
3086	1	23	15	60	.3	9	8	324	2.51	3	5	ND	3	14	.2	2	2	36	.11	.048	6	9	.20	115	.12	5	2.94	.01	.05	1	1
3087	1	43	6	45	.2	7	10	267	3.45	3	5	ND	5	27	.2	2	3	53	.27	.064	9	12	.68	72	.05	2	1.84	.01	.04	1	32
3088	1	11	13	50	.1	4	4	89	3.12	2	5	ND	1	14	.2	2	2	49	.09	.070	5	9	.17	72	.15	2	1.48	.01	.01	1	11
3089	1	30	8	82	.5	9	11	412	3.61	2	5	ND	5	15	.2	2	2	62	.15	.053	8	15	.53	102	.02	2	2.41	.01	.06	1	6
3090	1	44	14	78	.5	11	8	290	3.36	2	5	ND	6	12	.2	3	2	51	.11	.110	7	14	.50	95	.10	4	3.51	.01	.04	1	3
3091	1	37	12	47	.3	7	6	307	1.97	2	5	ND	4	10	.2	2	2	35	.08	.037	9	11	.29	82	.07	5	1.50	.01	.05	1	1
3092	1	52	14	56	.6	6	6	326	2.33	2	5	ND	4	11	.2	2	2	43	.10	.044	7	11	.24	68	.05	2	1.67	.01	.03	1	10
3093	1	8	16	69	.3	6	3	318	1.75	5	5	ND	5	9	.2	2	2	24	.07	.067	6	8	.08	48	.12	6	2.59	.01	.04	1	11
3094	1	1	12	52	.2	4	2	160	1.63	3	5	ND	5	6	.2	2	2	24	.04	.049	8	10	.12	36	.04	3	.96	.01	.03	1	49
3095	2	12	29	53	.1	4	3	251	1.28	2	5	ND	4	14	.2	2	2	20	.12	.016	7	8	.11	82	.01	2	.98	.01	.05	1	13
3096	1	4	17	123	.1	12	6	432	2.31	2	5	ND	3	14	.2	2	2	34	.10	.100	7	15	.18	118	.09	2	2.47	.01	.02	1	4
3097	2	58	12	109	.2	13	12	427	3.77	4	5	ND	4	24	.2	2	2	63	.21	.049	6	15	.74	221	.04	5	2.02	.01	.14	1	1
3098	1	40	12	220	.2	11	11	498	3.80	2	5	ND	4	35	.2	4	2	65	.33	.052	5	14	.73	184	.06	2	2.66	.01	.14	1	1
3099	1	12	14	94	.2	7	10	1392	2.49	2	5	ND	3	23	.2	2	2	57	.21	.042	4	15	.30	124	.02	3	1.25	.01	.06	1	1
3100	2	41	12	60	.4	10	11	373	3.54	2	5	ND	5	22	.2	2	2	55	.15	.042	6	12	.52	93	.09	2	3.10	.01	.06	1	1
3101	1	59	12	52	.5	10	9	233	3.07	5	6	ND	6	21	.2	2	2	44	.18	.058	7	11	.54	125	.12	3	3.62	.01	.06	1	3
3102	4	181	13	49	.6	11	8	339	2.93	3	6	ND	7	17	.2	2	2	42	.18	.079	9	11	.40	110	.16	8	4.73	.02	.06	1	6
3103	1	85	9	56	.5	11	9	371	3.37	2	5	ND	5	29	.2	3	2	58	.24	.053	9	14	.74	91	.06	3	3.07	.01	.08	1	1
3104	1	63	12	80	1.6	12	9	261	3.36	4	5	ND	6	20	.2	2	2	45	.27	.094	12	14	.40	80	.19	6	4.69	.02	.06	1	1
3105	1	20	10	64	.4	11	7	632	2.96	6	5	ND	6	20	.2	3	2	46	.16	.083	9	13	.53	108	.13	3	4.00	.01	.06	1	1
3106	1	85	11	51	.3	10	7	214	2.87	2	5	ND	3	15	.2	2	2	48	.14	.028	10	15	.63	58	.04	2	2.05	.01	.03	1	40
3107	1	58	15	64	.4	9	8	553	2.80	3	5	ND	7	20	.2	3	2	46	.19	.133	8	12	.42	128	.10	2	2.40	.01	.06	1	1
3108	1	62	13	57	.4	9	7	272	2.74	6	5	ND	8	22	.2	2	2	44	.24	.081	9	12	.45	84	.09	9	2.54	.01	.07	1	9
3109	1	31	17	77	.3	8	5	427	2.21	2	5	ND	7	14	.2	2	2	34	.14	.040	9	12	.22	110	.09	5	2.18	.01	.05	1	1
3110	1	6	19	76	.3	4	4	382	1.71	4	10	ND	7	8	.2	3	2	24	.07	.031	8	8	.08	51	.04	2	1.03	.01	.05	1	1
3111	1	1	16	66	.3	5	3	535	1.81	2	7	ND	6	11	.2	2	2	30	.08	.018	8	10	.12	76	.06	2	1.08	.01	.06	1	4
3112	1	8	20	96	.4	8	4	466	2.27	3	12	ND	7	15	.2	3	2	30	.13	.084	5	8	.12	87	.15	4	3.77	.01	.05	2	1
3113	1	1	14	47	.2	6	4	127	2.33	9	13	ND	5	15	.2	2	2	27	.12	.060	4	7	.08	73	.22	5	4.86	.01	.04	1	1
3114	4	124	22	102	.5	20	29	843	9.14	2	5	ND	7	18	.5	3	2	148	.22	.114	7	30	1.70	138	.20	4	3.15	.01	.08	1	1
3115	1	33	10	114	.2	15	11	973	3.59	5	5	ND	4	39	.2	2	2	57	.28	.282	8	16	.45	154	.20	3	4.64	.02	.05	1	1
3116	1	12	10	91	.1	5	5	429	1.93	3	5	ND	4	24	.2	2	2	33	.16	.092	6	10	.17	149	.02	2	1.46	.01	.05	1	1
STANDARD C/AU-S	18	58	39	132	7.3	72	31	1053	3.96	39	21	7	39	53	18.6	15	21	58	.50	.087	38	60	.93	185	.10	31	1.94	.05	.13	13	54

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
3117	1	20	18	47	.1	13	11	247	2.85	5	5	ND	4	12	.2	2	2	47	.11	.048	9	15	.46	96	.06	2	2.81	.01	.05	3	1
3118	1	22	15	53	.1	14	11	242	2.96	7	5	ND	5	12	.2	2	2	49	.10	.036	11	20	.52	95	.05	2	2.93	.01	.06	2	6
3119	1	34	11	54	.1	11	18	520	2.99	3	5	ND	3	11	.2	2	2	47	.12	.060	8	15	.47	109	.03	2	2.06	.01	.06	1	1
3120	1	49	11	52	.2	36	17	271	3.48	2	5	ND	3	18	.2	3	3	89	.25	.037	11	100	1.19	109	.29	7	1.66	.01	.04	1	1
3121	2	174	17	57	.3	11	21	689	3.21	4	5	ND	4	16	.2	2	2	55	.19	.057	10	16	.40	183	.10	2	1.98	.01	.06	1	8
3122	1	49	13	49	.2	11	9	437	2.76	3	5	ND	4	15	.2	2	2	46	.20	.060	9	14	.41	179	.06	4	2.47	.01	.06	1	2
3123	1	13	10	31	.1	5	5	690	1.58	4	5	ND	1	11	.2	2	2	35	.13	.022	5	7	.20	107	.04	5	1.19	.01	.04	2	1
3124	1	31	10	49	.2	10	7	587	2.78	2	5	ND	2	15	.2	2	2	41	.22	.062	5	9	.26	154	.12	4	3.80	.01	.07	1	1
3125	1	18	19	46	.1	12	10	397	2.98	7	5	ND	1	21	.2	2	2	59	.25	.032	5	13	.49	81	.14	2	2.26	.01	.06	1	1
3126	1	11	14	56	.1	10	7	847	2.31	5	5	ND	2	12	.2	2	2	40	.12	.131	4	10	.29	127	.14	2	2.27	.01	.04	1	1
3127	1	14	11	44	.2	9	7	292	2.41	5	5	ND	3	10	.2	2	2	39	.11	.087	6	13	.21	109	.16	2	3.34	.01	.04	1	1
3128	1	21	12	34	.1	11	7	183	2.60	3	5	ND	4	10	.2	2	2	47	.12	.065	9	18	.38	76	.05	4	2.20	.01	.03	1	2
3129	1	17	9	53	.1	9	7	363	2.48	4	5	ND	3	9	.2	2	2	42	.12	.115	10	13	.23	105	.12	2	1.92	.01	.03	2	2
3130	1	8	7	39	.2	5	4	182	1.65	3	5	ND	3	12	.2	2	2	30	.09	.090	7	8	.13	64	.06	3	1.44	.01	.02	1	2
3131	1	11	14	39	.2	10	5	157	1.92	2	5	ND	4	9	.2	2	2	32	.08	.115	7	10	.15	79	.08	9	2.41	.01	.02	1	1
3132	1	7	12	49	.1	7	4	304	2.02	4	5	ND	3	14	.2	2	2	35	.13	.130	9	9	.12	86	.11	2	1.22	.01	.04	2	2
3133	1	11	18	140	.2	9	5	457	2.70	2	5	ND	7	21	.4	2	2	42	.19	.159	15	9	.26	238	.06	7	3.67	.01	.06	1	16
3134	1	7	13	47	.1	14	6	478	2.10	2	5	ND	6	16	.2	2	2	42	.14	.043	17	22	.27	147	.10	3	1.30	.01	.05	1	1
3135	1	12	19	49	.2	8	7	901	2.41	2	5	ND	3	13	.2	2	3	38	.14	.036	11	10	.33	94	.09	6	2.03	.01	.05	1	1
3136	1	16	17	44	.2	8	8	484	3.16	4	5	ND	3	25	.2	2	2	46	.34	.035	10	10	.48	109	.03	2	2.13	.01	.06	1	15
3137	1	9	21	71	.2	7	4	923	1.89	2	5	ND	2	15	.4	2	2	33	.10	.096	6	6	.09	136	.20	7	2.64	.01	.03	1	1
3138	1	21	17	68	.1	8	8	1109	2.70	3	5	ND	2	24	.2	2	2	47	.33	.034	7	8	.37	165	.12	3	2.05	.01	.06	1	7
3139	1	47	14	61	.1	10	9	528	3.59	2	5	ND	5	22	.2	2	2	43	.27	.026	11	9	.63	98	.03	2	2.11	.01	.15	1	1
3140	1	26	11	53	.2	6	7	488	2.60	3	5	ND	5	22	.2	2	3	35	.22	.021	13	8	.37	139	.03	5	1.69	.01	.07	1	16
3141	1	68	19	117	.5	8	17	2125	4.17	5	5	ND	3	24	.6	2	2	58	.26	.044	10	11	.75	140	.06	2	2.02	.01	.13	1	31
3142	1	10	17	98	.3	8	5	325	1.99	2	5	ND	4	17	.2	2	2	30	.14	.025	12	9	.18	116	.05	6	1.86	.01	.04	1	3
3143	1	8	29	56	.3	9	4	454	1.87	3	5	ND	5	22	.2	2	2	31	.18	.019	12	7	.16	129	.07	3	1.63	.01	.04	1	42
3144	1	11	18	74	.2	9	5	400	2.82	4	5	ND	4	34	.2	2	2	41	.22	.035	14	7	.25	132	.11	5	3.42	.01	.05	1	1
3145	1	11	17	76	.1	9	5	446	2.36	4	5	ND	3	14	.3	2	2	42	.09	.120	10	9	.18	147	.09	7	2.19	.01	.04	1	8
3146	1	10	17	75	.2	10	5	913	1.91	6	5	ND	2	16	.2	2	2	33	.10	.097	6	7	.09	137	.20	2	2.67	.01	.03	1	1
3147	6	28	5	43	.1	5	5	192	2.51	2	5	ND	3	9	.2	2	2	58	.07	.039	6	7	.24	88	.01	2	1.19	.01	.03	1	1
3148	1	14	11	62	.3	40	11	419	3.14	3	5	ND	7	22	.2	2	2	52	.33	.095	19	52	.92	94	.05	2	1.69	.01	.06	1	2
3149	1	11	15	76	.6	5	5	307	2.27	3	5	ND	2	12	.4	2	2	37	.12	.143	5	7	.07	73	.13	2	2.67	.01	.03	1	10
3150	1	9	7	68	.4	14	5	313	2.51	3	5	ND	5	13	.2	2	2	39	.11	.054	15	17	.36	117	.03	2	1.80	.01	.04	1	3
3151	8	32	13	44	1.1	10	5	860	2.11	2	87	ND	4	86	.5	2	2	31	.50	.048	55	14	.19	112	.15	2	3.80	.01	.03	1	2
3152	8	60	29	233	.2	10	10	378	3.25	5	9	ND	9	76	.2	2	2	47	.35	.016	16	15	.39	140	.01	2	1.59	.01	.05	1	690
3153	3	33	27	41	.9	8	4	131	2.80	2	37	ND	8	115	.3	2	2	43	.44	.021	14	13	.13	196	.16	2	4.58	.01	.05	1	9
STANDARD C/AU-S	17	58	38	135	7.2	68	31	1051	3.78	39	19	8	37	47	18.7	16	18	57	.50	.093	37	56	.88	174	.09	34	1.83	.06	.14	11	49

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
083258	1	6	11	38	.3	8	5	195	3.07	7	5	ND	5	21	.2	2	2	62	.14	.071	13	15	.36	86	.11	3	1.59	.02	.04	1	1
083259	1	8	12	51	.6	6	4	202	1.82	2	5	ND	6	17	.2	4	2	27	.13	.040	10	10	.11	94	.07	2	2.72	.02	.04	1	3
083260	1	39	108	100	1.8	10	6	279	2.92	5	5	ND	10	22	.3	5	2	39	.20	.041	45	14	.24	95	.12	4	3.56	.02	.06	1	16
083261	1	20	10	65	.1	9	8	310	3.50	5	5	ND	8	11	.2	8	2	53	.08	.098	12	18	.33	64	.08	6	3.56	.02	.04	1	51
083262	1	16	8	53	.3	9	6	285	2.75	2	5	ND	7	14	.2	2	2	46	.10	.107	12	17	.32	89	.08	3	2.49	.01	.05	1	7
083263	1	13	16	58	.3	8	5	195	2.48	2	5	ND	9	17	.2	3	2	38	.11	.066	16	13	.25	101	.07	3	2.64	.01	.05	1	8

APPENDIX II

TRAVERSE NUMBER ____________

N.T.S. 82E-9

PROJECT OUTBACK Claims

AREA Granby River, B.C.

GEOLOGIST(S) D. Bohme

DATE June 11, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (p.p.m. / % /oz. per ton): Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm		
RX 47323	Rock		Chip	1 x 1 m	49°42' 118°28'	Bleached quartz monzonite with cross cutting fractures, some quartz.	7	.1	5	9	48		
RX 47324	"		"	0.3x0.3	" "	Pyritic quartz vein up to 3 cm wide in propyllitized intrusive.	1	.1	88	2	22		
RX 47325	"		"	0.4x0.1	" "	NE trending milky white quartz-calcite vein.	20	.2	13	3	15		
RX 47326	"		"	0.4x0.3	" "	Stockwork veined intrusive; grey to white chalcedony.	515	2.7	17	3	76		
RX 47327	"		"	0.4x0.5	" "	Quartz-adularia flooding and veining.	285	13.8	113	9	39		
RX 47328	Talus		Grab	0.5 x 1	" "	Drusy to banded whitish quartz vein material, some vein breccia and stockwork fractures.	2285	150.3	124	51	25		
RX 47329	Rock		Chip	0.5x0.5	" "	Gossan; between 10-30% pyrite in siliceous intrusive; fractured zone.	42	6.9	1197	7	28		
RX 47330	Talus		Grab	0.5x0.5	" "	Vein breccia, open-space fractured intrusive.	457	.2	5	8	19		
RX 47331	"		"	0.5x0.5	" "	Quartz vein talus; milky white, vuggy quartz, some banded material.	18	.1	9	2	4		

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK Claim

AREA

GEOLOGIST(S) D. Bohme

DATE July 30, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M. Grid Line	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	Cu ppm			
RX 47253	Rock		Chip	1.0x0.5	L 4325 S	Drusy, milky white quartz veinlets in mylonitized intrusive, minor pyrite.	283	7.9	139			
RX 47254	"		"	0.5x0.5	L 4325 S	Bleached, chloritic mylonite with 1-2% pyrite, some bio-sericite mica.	9	.2	23			
RX 47255	"		Grab	0.5x0.5	L 4025 S	Propyllitized monzonite with drusy vuggy veinlets, fine pyrite.	51	.4	29			
RX 47256	"		Chip	0.5x0.5	"	Strongly chloritized schistose mylonite, some cross-cutting quartz veinlets.	263	1.0	88			
RX 47257	"		"	0.3x0.5	"	Moderately siliceous, bleached intrusive, minor pyrite.	247	1.0	20			
RX 47258	"		"	1 x 1	"	Well bleached argillitized intrusive, limonitic, silica cement.	685	1.8	6			
RX 47259	"		"	1 x 1	"	Hydrothermally altered intrusive, silica rich, limonitic.	245	.5	4			
RX 47260	"		"	0.5x0.5	L 4250 S	Bleached white silicified intrusive with quartz veinlet stockwork.	88	.1	2			
RX 47261	"		"	0.5x0.1	"	Quartz-filled fractures in mylonitic-chloritized zone.	6779	119.9	17			
RX 47262	"		"	2 x 2	L 4325 S	Bleached siliceous intrusive, some drusy vuggy quartz veinlets.	156	.2	3			

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK Claim

AREA

GEOLOGIST(S) D. Bohme

DATE July 30, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M. Grid Line	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton): Au ppb	Ag ppm	Cu ppm			
RX 47263	Talus		Grab	0.3x0.3	L 4325 S	Clay altered casts in quartz-rich breccia, chalcedonic quartz, limonitic.	123	.5	6			
RX 47264	Rock		Chip	0.1x0.2	L 4400 S	Drusy, boxwork silica flooded zone with argillitized fragments.	177	.1	2			
RX 47265	"		"	0.5x0.5	"	Limonitic, silicified intrusive, fine-grain-ed silica, some breccia.	327	.6	3			
RX 47266	Talus		Grab	0.3x0.3	"	Coarse-grained white quartz with pinkish feldspar, clay altered fragments.	15	.1	4			
RX 47267	Rock		Chip	0.1x0.4	"	Coarse-grained fracture cut by drusy epi-thermal quartz.	50	.7	39			
RX 47268	"		"	0.2x0.3	"	Open-space fractures filled with boxwork quartz, stockwork.	54	.1	6			
RX 47269	"		"	0.3x0.1	"	Stockwork zone of drusy vuggy quartz vein-lets throughout fracture zone.	234	7.9	41			
RX 47270	Talus		Grab	0.2x0.2	"	Taken by camp, light grey chalcedonic quartz flooded intrusive, weakly banded, limonitic, vuggy pits.	2	.2	5			
RX 47271	"		"	0.5x0.5	L 4775 S	Well bleached, argillitized intrusive, rusty limonite along microfractures, no secondary quartz.	12	.1	2			
RX 47272	"		"	0.1x0.2	L 4850 S	Fine-grained siliceous chloritic quartz monzonite, fine chalcedonic veinlets.	234	.5	13			

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK Claim

AREA

GEOLOGIST(S) D. Bohme

DATE July 30, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M. Grid Line	SAMPLE DESCRIPTION (Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.)	RESULTS (ppm. / % /oz. per ton): Au ppb	Ag ppm	Cu ppm			
RX 47273	Talus		Grab	0.2x0.2	L 4850 S	Strongly propyllitized intrusive; some dirty white ?chalcedonic quartz fragments+boxwork texture; minor pyrite.	668	384	25			
RX 47274	"		"	0.5x0.5	L 4925 S	Rusty coarse-grained quartz vein material; argillitized wallrock.	8	.4	100			
RX 47275	"		"	1 x 1	L 5150 S	Propyllite with numerous coarse-grained quartz veinlets, shart contacts, fine pyrite, chalcopyrite.	1	.2	186			

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK 2 Claim

AREA

GEOLOGIST(S) H. Klatt

DATE August 1, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and / or U.T.M. Grid Line	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (p.p.m. / % /oz. per ton) Au ppb	Ag ppm	Cu ppm			
RX 49601	Talus		Grab		59+00S	Chalcedonic quartz cemented quartz monzonite breccia in subcrop, no pyrite.	25	.1	10			
RX 49602	"		"		"	Intensely propylitized quartz monzonite, trace pyrite, minor quartz-calcite veinlets.	6	.5	90			
RX 49603	"		"		"	Rusty weathering propylitized quartz monzonite as subcrop or float, boxwork quartz texture after pyrite, there was up to 20% pyrite but is now limonite, brecciated and sheared.	21	.8	196			
RX 49604	Rock		"		56+75S	Brecciated quartz monzonite, well propylitized rare chalcedonic veinlets and drusy quartz veinlets, trace pyrite.	20	.9	280			
RX 49605	"		"		"	Rusty weathering rubbly subcrop, pyrite occurs with bleached chlorite within propyliticly altered quartz monzonite, pyrite less than 1%.	25	.6	273			
RX 49606	"		"		55+25S	Propylitized weakly fractured quartz monzonite with a few druzy quartz veinlets.	9	.1	29			

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT CLINTON PROJECT

AREA OUTBACK Claim

GEOLOGIST(S) H. Klatt

DATE August 1, 1990

SAMPLE NUMBER	SAMPLE TYPE RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and / or U.T.M. Grid Line	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	As ppm	Ba ppm		
RX 49607	Rock		Grab		54+50S	Intensely quartz veined quartz monzonite breccia, rusty weathering argillic alteration with quartz veinlets but mainly propylitic alteration.	35	.1	31	91		
RX 49608	"		"		53+00S	Propylitic altered quartz monzonite with hematite and chlorite along fractures, trace pyrite, flaggy weathering shows layering.	6	.2	2	29		

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT CLINTON Project

AREA OUTBACK claim

GEOLOGIST(S) H. Klatt

DATE August 1, 1990

SAMPLE NUMBER	SAMPLE TYPE RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and/or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm./%/oz. per ton) Au ppb	Ag ppm	As ppm	Ba ppm		
RX 49609	Rock		Chip		49°42' 118°29'	Chalcedony breccia vein with trace pyrite, fine grained Fe-carbonate with some of the chalcedony cementing breccia fragments.	141	.9	2	5		
RX 49610	"		"		" "	Fine grained grey to white chalcedonic quartz with a trace of pyrite, from a vein about 30-40 cm wide in altered quartz monzonite.	10	1.4	4	11		

INCO GOLD

TRAVERSE NUMBER ______ **PROJECT** OUTBACK Claim **GEOLOGIST(S)** D. Bohme

N.T.S. 82E-9 **AREA** ______ **DATE** August 1, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M. Grid Line	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	Cu ppm			
RX 47276	Talus		Grab	1 x 1	L 5225 S	Shear/fracture plane with 1-2% sulphides, pyrite, chalcopyrite.	42	.3	590			
RX 47277	"		"	1 x 1	"	Propyllite with cross-cutting drusy, vuggy quartz-carbonate veinlets.	6	.3	29			
RX 47278	"		"	0.5x0.5	"	Coarse to fine-grained quartz-limonite boulder, ?epithermal.	2	.2	88			
RX 47279	Rock		Chip	0.5x0.5	"	Amphibolitized mylonite, chlorite-epidote-pyrite alteration.	1	.1	12			
RX 47280	"		"	0.5x0.5	"	Light green andesite lapilli flow with milky white quartz veinlets.	242	.3	11			
RX 47281	"		"	1x0.5	"	Moderately siliceous andesite dyke, vuggy quartz.	119	.1	17			
RX 47282	"		"	1x0.5	"	Drusy, vuggy quartz cutting green andesite dyke.	212	.1	12			
RX 47283	"		"	0.5x0.5	"	Irregular quartz veinlets in green andesite dyke.	534	.4	9			

INCO GOLD

TRAVERSE NUMBER ____________ **PROJECT** OUTBACK 2 Claim **GEOLOGIST(S)** D. Bohme

N.T.S. 82E-9 **AREA** ____________ **DATE** August 1, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and / or U.T.M. Grid Line	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton): Au ppb	Ag ppm	Cu ppm			
RX 47284	Rock		Chip		L 5525 S	Cross-cutting, quartz filled fracture plane in dacite dyke.	19	.1	7			
RX 47285	"		"		"	North-trending quartz-pyrite rich vein with bleached, friable sericitic margins; 1-3% sulphides.	9032	.8	75			

INCO GOLD

TRAVERSE NUMBER

PROJECT OUTBACK Claim

GEOLOGIST(S) D. Bohme

N.T.S. 92E-9

AREA

DATE August 1, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M. Grid Line	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton): Au ppb	Ag ppm	Cu ppm			
RX 47286	Rock		Chip	0.5x0.5	L 5375 S	Tiny chalcedonic veinlets in NE trending fractures in Q.M.	434	1.5	6			
RX 47287	Talus		Grab	0.5x0.5	"	Silica flooded vein breccia 1-5 cm wide in bleached, clay altered quartz monzonite.	1579	7.4	6			

INCO GOLD

TRAVERSE NUMBER ______ PROJECT OUTBACK 5 Claim GEOLOGIST(S) H. Klatt

N.T.S. 82E-9 AREA ______ DATE August 1, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (p.pm. / % /oz. per ton) Au ppb	Ag ppm	Cu ppm			
RX 47192	Talus		Grab		49°40' 118°29'	White quartz vein, 1-2 cm wide in propylitic and weak argillic altered granite.	3	.5	5			
RX 47193	"		"		" "	Limonite cemented breccia of intensely argillic altered granite containing minor pegmatite dykelets.	3	.1	4			
RX 47194	Rock		"		" "	Granitic fault gouge breccia zone with a black chloritic matrix, fragments range from 1 cm to 1 m.	3	.3	32			
RX 47195	"		"		" "	Granitic fault gouge breccia zone with hematite-limonite matrix, fragments range from 1 cm to 1 m.	8	.2	36			
RX 47196	Talus		"		" "	Rounded chalcedonic float boulder in gravel bar, trace pyrite, clear and grey chalcedonic quartz.	2154	8.4	292			

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK 2 Claim

AREA

GEOLOGIST(S) H. Klatt

DATE August 1, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and/or U.T.M. Grid Line	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm./%/oz. per ton) Au ppb	Ag ppm	Cu ppm			
RX 47197	Rock		Grab		64+25S	Rusty weathering argillic altered quartz monzonite with a trace of pyrite in narrow chalcedonic veinlets.	7	1.6	43			
RX 47198	"		"		"	Propylitized quartz monzonite with fine grained chalcedony cementing altered rock fragments, possibly float of Marron flow breccia with a rhyolite matrix.	19	.3	42			
RX 47199	"		"		62+00S	Chloritic fault breccia in quartz monzonite a few narrow quartz veinlets, trace pyrite.	105	.1	20			
RX 47200	"		"		59+75S	Argillic altered quartz monzonite with rare limonite coated fractures, sample bias towards pieces containing limonite.	1	.1	4			

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT Outback 5 Claim

AREA

GEOLOGIST(S) Dave Rawlek

DATE August 2, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % / oz. per ton) Au ppb	Ag ppm	Cu ppm	Ba ppm		
RX 46222	Talus				49°40'N 118°30'W	Massive and fractured white quartz with hematite staining on fracture surface.	2	.3	20	26		
RX 46223	"				" "	Massive epithermal quartz with fractures and hematite staining, slightly vuggy and possible chalcedonic clasts and layers. Trace of visible sulphides.	2	.1	4	8		

INCO GOLD

TRAVERSE NUMBER
N.T.S. 82E-9

PROJECT OUTBACK 7 Claim
AREA

GEOLOGIST(S) D. Bohme
DATE August 3, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton): Au ppb	Ag ppm	As ppm	Ba ppm		
RX 47288	Talus		Grab	0.5x0.5	49°43' 118°28'	Strongly chloritized, pyritic andesite dyke, some Fe-carbonate.	2	.1	7	158		
RX 47289	"		"	0.5x0.5	" "	Clay-carbonate altered intrusive with stained rusty quartz.	1	.1	3	64		
RX 47290	Rock		Chip	0.1x0.5	" "	Intensely sericitized-rusty fissure 5-10 cm wide, thin quartz-carbonate veinlet.	1	.1	3	1092		

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK Claim

AREA

GEOLOGIST(S) D. Bohme

DATE August 5, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	As ppm	Ba ppm		
RX 47291	Talus		Grab		49°42' 118°29'	Bleached, argillaceous intrusive, some fractured quartz-carbonate alteration patches.	1	.1	2	343		

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK Claim

AREA LEAH Showing

GEOLOGIST(S) D. Bohme

DATE August 5, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton): Au ppb	Ag ppm	As ppm	Ba ppm		
RX 49701	Rock		Chip	1x 0.1	49°42' 118°29'	3 cm wide vuggy coarse-grained quartz veinlet with Fe-carbonate infillings.	1	.2	2	143		
RX 49702	"		"	2 x 0.2	" "	2 sub-parallel quartz veinlets up to 2 cm wide, radial quartz and Fe-carbonate in-fillings, minor chalcedony.	5	.2	7	104		
RX 49703	"		"	1.5x0.1	" "	Pyritic-bleached intrusive with vuggy quartz veinlets, minor chalcedony.	6	.4	3	57		
RX 49704	"		"	1 x 0.2	" "	In old adit, shallow dipping, radial quartz vein, pyrite along margins.	1	.1	3	25		
RX 49705	"		"	0.7x0.1	" "	Grey to white banded chalcedony with breccia-ted wallrock.	837	2.5	16	19		
RX 49706	"		"	1.2x0.1	" "	Same vein as RX 49705, mostly coarse-grained hexagonal quartz.	6	.2	2	17		
RX 49707	"		"	1.2x0.15	" "	Grey/black to white chalcedony vein (mostly underwater).	7	.3	2	9		
RX 49708	"		"	1 x0.15	" "	Chalcedony vein, pinch + swell, some car-bonate matrix brecciation.	30	.7	12	11		
RX 49709	"		"	2 x 0.1	" "	Same vein as RX 49708; coarse hexagonal quartz with pyritic wallrock.	10	.3	7	28		
RX 49710	"		"	1.5x0.25	" "	Same vein as RX 49610, coarse-grained radial quartz growths, 1% pyrite.	4	.6	4	95		

INCO GOLD

TRAVERSE NUMBER PROJECT OUTBACK Claim GEOLOGIST(S) D. Bohme

N.T.S. 82E-9 AREA DATE August 5, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton): Au ppb	Ag ppm	As ppm	Ba ppm
RX 49711	Rock		Chip	2 x0.2	49°42' 118°29'	Chalcedony coatings less than 1 cm thick along hexagonal quartz vein.	10	.1	4	27
RX 49712	"		"	1.5x1.5	" "	Stockwork zone; mostly coarse-grained quartz veinlets, some carbonate.	5	.6	6	40
RX 49713	"		"	2 x0.05	" "	Irregular infillings of chalcedony, finely banded.	140	1.4	3	10
RX 49714	"		"	2 x0.1	" "	Same vein as RX 49713; coarser, vuggy quartz vein margins, some pyrite.	52	2.8	4	12
RX 49715	"		"	1 x0.5	" "	Same vein as RX 49715; white kaolinite along quartz vein 0.4 m wide.	160	1.0	6	8
RX 49716	"		"	1.5x0.05	" "	Coarse-grained hexagonal quartz, minor carbonate, pyrite.	1	.1	2	147
RX 49717	"		"	1 x0.15	" "	Coalescing veins, coarse-grained quartz, pyrite-carbonate along margins.	1	.1	5	58
RX 49718	"		"	0.5x0.5	" "	3 en-echelon quartz veinlets up to 0.1 cm wide, bleached wallrock.	38	.8	8	207
RX 49719	Talus		Grab	1 x 1	" "	Coarse-grained quartz vein material; some dark streaks.	3	.2	4	101
RX 49720	Rock		Chip	0.3x0.1	" "	6 cm wide quartz vein with vuggy-carbonate infillings, rusty.	5	.2	2	97

INCO GOLD

TRAVERSE NUMBER ______ **PROJECT** OUTBACK 9 Claim **GEOLOGIST(S)** H. Klatt

N.T.S. 82E-16 **AREA** ______ **DATE** August 5, 1990

SAMPLE NUMBER	SAMPLE TYPE RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	As ppm	Ba ppm		
RX 49623	Rock		Grab		49°46' 118°27'	Chalcedonic veinlets in well argillicly altered granite with some silicification adjacent to the veinlets, trace pyrite up to 1%.	27	4.4	95	139		
RX 49624	"		"		" "	Chalcedonic quartz veined breccia, rusty with a trace of pyrite.	79	31.5	22	90		
RX 49625	"		"		" "	Chalcedonic quartz veins in argillicly altered granite, a few rusty spots.	55	11.3	3	190		
RX 49626	"		"		" "	Chalcedonic quartz veins with fragments of argillicly altered granite, milky white quartz in some veinlets.	1	.5	8	258		
RX 49627	"		"		" "	Pure white to clear chalcedonic quartz veins, virtually no impurities.	9	2.6	2	30		
RX 49628	Talus		"		" "	Colloform banded Fe-carbonate with trace amounts of pyrite in bands, float boulder.	11	.4	6	170		
RX 49629	"		"		" "	Intensely Fe-carbonate altered Marron basalt with about 1-2% pyrite, some mariposite present, float boulder.	5	.2	10	110		
RX 49630	Rock		"		49°46' 118°28'	Rusty weathering Marron basalt with chalcedony in fractures, some druzy quartz, trace pyrite, possibly agate rather than epigenetic veining.	6	.2	7	78		

INCO GOLD

TRAVERSE NUMBER ______

N.T.S. 82E-16

PROJECT OUTBACK 9 Claim

AREA ______

GEOLOGIST(S) H. Klatt

DATE August 5, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton): Au ppb	Ag ppm	As ppm	Ba ppm		
RX 49631	Talus		Grab		49°46' 118°27'	Fine grained white to brown chalcedonic quartz vein boulder, no pyrite seen, indistinct banding.	1	.2	3	73		
RX 49632	"		"		" "	Chalcedonic quartz boulder about .4 m^3, clear quartz with minor granitic host rock, trace pyrite.	1	.1	4	95		
RX 49633	"		"		" "	Chalcedonic quartz cemented Marron basalt breccia, occurs as a small float boulder.	264	106.6	4	2		
RX 49634	"		"		" "	Milky white chalcedonic quartz with trace flecks of pyrite along wispy layers, float boulder.	11	.2	4	12		
RX 49635	"		"		" "	Chalcedonic quartz vein boulder, grey to white quartz with specks of pyrite along layers, minor breccia texture and altered granite wallrock.	5	2.7	2	57		
RX 49636	"		"	5180' elev.	49°44' 118°27'	OUTBACK 8 claim: chalcedonic quartz vein breccia float boulder, a few rusty spots, rounded boulder.	4	.2	5	7		
RX 49637	"		"	"	" "	Chalcedonic quartz vein boulder, fragments of wallrock in breccia texture, clay filled voids.	1	.1	7	42		

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK 8 Claim

AREA

GEOLOGIST(S) H. Klatt

DATE August 6, 1990

SAMPLE NUMBER	SAMPLE TYPE RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	As ppm	Ba ppm		
RX 49642	Talus		Grab	4750' elev.	49°44' 118°27'	Chalcedonic quartz boulder in creek, fine grained white quartz, shows some layering, brecciation contains pyrite grains up to 1 cm size, pyrite less than 1%.	3710	3.5	8	71		
RX 49643	"		"	4940' elev.	" "	Chalcedonic quartz boulder in creek, fine grained white quartz, granite breccia fragments, no pyrite.	33	.1	2	67		
RX 49644	"		"	4980' elev.	" "	Chalcedonic boulder in creek, breccia texture, some layered chalcedony, pyrite less than 1%, angular boulder.	3154	3.6	11	77		

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK 7 Claim

AREA Adrienne Showing

GEOLOGIST(S) D. Rawlek

DATE August 6, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION (Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.)	Au ppb	Ag ppm	As ppm	Ba ppm		
RX 45565	Rock		Grab		49°42'N 118°28'W	Slightly iron carbonate altered granite.	1	.5	5	933		
RX 45566	"		"	20-25 cm wide	" "	More intensely Fe-carb altered granite, some white vuggy quartz present.	11	17.5	4	153		
RX 45567	"		"	10 cm wide	49°43' 118°28'	Multi-episodic quartz vein in granite. Outermost layer may be chalcedonic. Very few sulphides. More altered pyrite is found in severely altered granitic wallrock. Stike/Dip: 160/85SW: Adrienne Showing.	1	.1	2	56		
RX 45568	"		"	10-15 cm wide	" "	7 m long outcrop of vein with definite chalcedony. 160/85SW: Adrienne Showing.	66	.2	4	711		
RX 45569	"		"	"	" "	Quartz vein about 25 m downslope from last 2 veins. Same attitude and features as last 2 veins: Adrienne Showing.	1	.1	5	534		
RX 45570	"		"		" "	Sample taken from a huge outcrop of quartz. This is probably a vein as it has chalcedony vuggy sections and breccia clasts of altered wallrock. Outcrop is about 15 m wide and 75 m long. On side is a cliff face. No contact between granite and quartz was found because of overburden cover. Minor sulphides present.	1	.1	2	1554		
RX 45571	"		"		" "	Same as RX 45570.	13	.1	2	1836		

RESULTS (p.p.m. / % /oz. per ton)

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK 7 Claim

AREA Adrienne Showing

GEOLOGIST(S) D. Bohme

DATE August 10, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (p.p.m. / % /oz. per ton) Au ppb	Ag ppm	As ppm	Ba ppm		
RX 45572	Rock		Chip	1.4	49°43' 118°28'	Silicified intrusive, creamy-beige colour, limonite.	1	.1	4	402		
RX 45573	"		"	2.0	" "	Silicified intrusive, some brecciated fragments.	1	.1	3	99		
RX 45574	"		"	1.7	" "	Silicified cream-white coloured intrusive, limonitic.	5	.1	2	109		
RX 45575	"		"	2 x 2	" "	Weak stockwork zone developed in argillic-ally altered intrusive.	1	.1	2	444		
RX 45576	"		"	1.3	" "	Limonitic to kaolinized breccia fragments in siliceous matrix.	1	.1	5	168		
RX 45577	"		"	1.2	" "	Chalcedony rich matrix breccia, rounded to angular fragments.	1	.2	5	177		
RX 45578	"		"	1.8	" "	Silicified intrusive, some breccia, fine pyrite.	1	.2	4	626		
RX 45579	"		"	2.2	" "	Cream to white coloured silicification, some breccia.	1	.1	2	498		
RX 45580	"		"	2.4	" "	Totally silicified intrusive, kaolinized fragments, fine pyrite.	1	.1	2	721		
RX 45581	"		"	2.5	" "	Silicified breccia, some stockwork of veinlets, limonitic.	1	.1	2	319		

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK 7 Claim

AREA Adrienne Showing

GEOLOGIST(S) D. Bohme

DATE August 10, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION (Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.)	RESULTS (ppm. / % /oz. per ton): Au ppb	Ag ppm	As ppm	Ba ppm		
RX 45582	Rock		Chip	2.5	49°38' 118°28'	White to beige chalcedony, limonitic, multi-stage silica alteration.	1	.1	4	101		
RX 45583	"		"	2.5	" "	Well silicified, multi-stage silica replacement and brecciation.	1	.1	2	109		
RX 45584	"		"	2.5	" "	Silicified, boxwork textured quartz, some vugs.	1	.1	2	533		
RX 45585	"		"	2.8	" "	Milky white chalcedony vein material.	82	1.5	2	1687		
RX 45586	"		"	2.5	" "	Chalcedony replacement throughout, minor pinhead pyrite.	1	.3	2	1583		
RX 45587	"		"	2	" "	White to creamy beige chalcedony replacement, minor breccia.	1	.1	2	1012		
RX 45588	"		"	2.5	" "	Same as above.	1	.1	4	1358		
RX 45589	"		"	2	" "	Same as above.	3	.4	4	2046		
RX 45590	"		"	2	" "	Same as above.	2	.2	2	2007		
RX 45591	"		"	2	" "	Kaolinized angular fragments in chalcedony rich matrix.	2	.3	2	721		
RX 45592	"		"	3	" "	Mostly chalcedony vein material, some breccia, minor pyrite.	1	.1	2	587		
RX 45593	"		"	2.5	" "	Same as above.	1	.1	2	569		
RX 45594	"		"	1.5	" "	Same as above.	3	.1	2	332		

INCO GOLD

TRAVERSE NUMBER ____________

N.T.S. 82E-9

PROJECT OUTBACK 7 Claim

AREA Adrienne Showing

GEOLOGIST(S) D. Bohme

DATE August 10, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	As ppm	Ba ppm		
RX 45595	Talus		Grab	0.2x0.2	49°43' 118°28'	Alternating bands of white to beige chalcedony, some hexagonal quartz.	1	.1	4	120		
RX 45596	Rock		Chip	2.5	" "	Stockwork zone of banded chalcedony veinlets up to 0.2 m wide.	8	.1	2	1726		
RX 45597	"		"	1.5	" "	White chalcedony, kaolinized breccia fragments, limonitic.	1	.1	3	278		
RX 45598	"		"	3	" "	Well silicified breccia, moderate stockwork developed.	1	.1	4	252		
RX 45599	"		"	2	" "	Chalcedony rich replacement of intrusive.	1	.4	2	2154		
RX 45600	"		"	1	" "	White chalcedony rich vein-like zone surrounded by creamy beige silicified breccia.	7	.5	3	1901		

INCO GOLD

TRAVERSE NUMBER ______ PROJECT OUTBACK Claim GEOLOGIST(S) D. Bohme

N.T.S. 82E-9 AREA Tara Showing DATE August 7, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and/or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS Au ppb	Ag ppm	As ppm	Ba ppm		
RX 47292	Talus		Grab	0.2x0.2	49°42' 118°29'	Limonitic dense chalcedonic quartz, some radial quartz along margins.	95	.7	3	389		
RX 47293	Rock		Chip	2x 0.2	" "	Banded chalcedony vein 0.2 m wide with 1 cm wide radial quartz growth.	39	.3	2	154		
RX 47294	"		"	1x0.05	" "	Almost entirely chalcedony, milky white, fine banding.	6	.1	4	39		
RX 47295	"		"	1.5x0.1	" "	Mostly milky white chalcedony, some vugs, limonitic patches.	4	.1	2	96		
RX 47296	"		"	1x 0.2	" "	Well banded chalcedony grey to milky white bands, some very fine pyrite, thin rind of hexagonal quartz along margins.	5	.1	2	77		
RX 47297	Talus		Grab	2 x 3	" "	Several chalcedony boulders up to 0.5 m wide; poor to well developed banding.	1	.3	2	20		
RX 47298	Rock		Chip	2 x0.5	" "	Intensely bleached intrusive, friable sericitic alteration with coalescing veinlets 3-5 cm wide grading into 0.2 m wide chalcedony vein; some pyrite.	6950	5.7	2	33		
RX 47299	Talus		Grab	0.5x0.5	" "	Chalcedony vein, braiding into several thin veinlets, highly bleached brecciated wall-rock.	867	.6	2	27		
RX 47300	"		"	0.5x0.5	" "	Same area as above; mostly finely banded chalcedony, rafted, bleached fragments of intrusive wallrock; fine pyrite.	230	.5	7	33		

INCO GOLD

TRAVERSE NUMBER
N.T.S. 82E-9

PROJECT OUTBACK Claim
AREA

GEOLOGIST(S) D. Bohme
DATE August 7, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and/or U.T.M.	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm./%/oz. per ton): Au ppb	Ag ppm	As ppm	Ba ppm		
RX 49730	Rock		Chip	0.5x0.5	49°42' 118°29'	Mafic andesite porphyry with cross-cutting vuggy quartz veinlet, minor pyrite.	12	.1	4	119		
RX 49731	"		"	1 x0.1	" "	Leah Showing: fine-grained quartz veinlet with vuggy centres, fine pyrite along margins.	8	.3	2	41		
RX 49732	"		"	1 x0.05	" "	Leah Showing: rusty gossanous zone on #1 vein, sericitized intrusive with stockwork of chalcedony veinlets, fine pyrite throughout.	2	.2	4	41		
RX 49733	"		Grab	0.2x0.2	" "	Leah Showing: coarse hexagonal quartz vein about 5 cm wide with fine "dusting" of chalcedonic quartz coating crystals 1-5 mm thick.	7	.3	6	21		
RX 49734	Talus		"	0.3x0.3	" "	Banded chalcedony float along south extension of Leah Showing; fine pyrite, some radial quartz.	197	.1	3	487		
RX 49735	Rock		Chip	0.5x0.5	" "	Along SE trending ridge, carbonatized dioritic dyke with fine pods of pyrite, chalcopyrite, hairline quartz-hematite veinlets.	11	.6	10	126		
RX 49736	"		"	0.5x0.5	" "	Tara Showing: pyritic gossan in argillic to carbonate altered intrusive, some milky white quartz.	54	12.2	2	42		

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK

AREA Outback 5 claim

GEOLOGIST(S) Dave Rawlek

DATE August 8, 1990

SAMPLE NUMBER	SAMPLE TYPE RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	As ppm	Ba ppm			
RX 46224	Rock		Grab	1/2 m^2	49°39' 118°29'	Altered granite. Rock is very siliceous with few mafics. Pyrite clots is 1% abundant. (Outback 5 claim)	1	.1	16	110			
RX 46225	"		"		" "	Altered granite sample from east side of Granby, below Cane Creek. No visible pyrite, altered feldspars are clay. (Outback 6 claim)	16	.1	6	90			

INCO GOLD

TRAVERSE NUMBER
N.T.S. 82E-9

PROJECT OUTBACK Claim
AREA Beth Showing

GEOLOGIST(S) D. Bohme
DATE August 11, 1990

SAMPLE NUMBER	SAMPLE TYPE RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	As ppm	Ba ppm		
RX 49738	Rock		Chip	1	49°42' 118°28'	Along strike of drusy quartz veinlet < 1 cm wide, fine adularia, pyrite.	6	.1	5	31		
RX 49739	"		"	1.5	" "	Across strike of several veinlets; 1 per 10 cm.	9	.1	7	51		
RX 49740	"		"	1.5	" "	Along strike of quartz fracture trending NE, fine pyrite, adularia?	11	.2	14	26		
RX 49741	"		"	1	" "	Weak stockwork zone of drusy quartz veinlets.	30	1.8	9	36		
RX 49742	"		"	1.5	" "	Strong stockwork zone of milky white veinlets in propyllitized quartz monzonite.	51	8.3	16	35		
RX 49743	"		"	1.4	" "	A few parallel veinlets in pyritic, propyllitized quartz monzonite.	67	1.4	13	51		
RX 49744	"		"	1	" "	Chalcedonic quartz - adularia stockwork.	26	2.1	8	47		
RX 49745	"		"	1.4	" "	Weakly developed chalcedony - adularia stockwork.	17	.7	3	50		
RX 49746	"		"	1.5	" "	Weak to moderate stockwork of milky white quartz veinlets.	99	1.7	7	32		
RX 49747	"		"	1	" "	Well bleached intrusive with open space veinlet stockwork; adularia?	216	1.8	14	27		
RX 49748	"		"	1	" "	As Above.	368	3.2	25	23		

INCO GOLD

TRAVERSE NUMBER ______ **PROJECT** OUTBACK Claim **GEOLOGIST(S)** D. Bohme

N.T.S. 82E-9 **AREA** Beth Showing **DATE** August 11, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	As ppm	Ba ppm			
RX 49749	Rock		Chip	1.1	49°42' 118°28'	Weak stockwork of drusy quartz veinlets.	23	.2	7	49			
RX 49750	"		"	1.5	" "	Weak stockwork of quartz veinlets; patchy silica-adularia replacement.	375	1.5	15	78			
RX 49751	"		"	1.3	" "	As Above.	69	.6	4	62			
RX 49752	Talus		Grab	0.5x0.5	" "	Well developed open-space stockwork quartz infilling, some vugs.	181	.4	6	55			
RX 49753	Rock		Chip	1 x 0.3	" "	Along strike of several parallel drusy quartz veinlets.	72	.3	5	32			
RX 49754	"		"	1.6x0.5	" "	As Above.	52	.3	2	35			
RX 49755	"		"	1	" "	Network of subparallel veinlets less than 1 cm wide trending NE.	145	.2	2	31			
RX 49756	"		"	1	" "	As Above.	181	.1	2	36			
RX 49757	"		"	1.3x1.3	" "	Veinlets 1 per 10-20 cm, stockwork in propyllitized quartz monzonite.	2741	1.8	10	25			
RX 49758	"		"	1.3x0.3	" "	Along strike of several open-space drusy quartz veinlets less than 1 cm wide, minor pinhead pyrite.	80	.2	2	36			

INCO GOLD

TRAVERSE NUMBER ________ PROJECT OUTBACK Claim GEOLOGIST(S) D. Bohme

N.T.S. 82E-9 AREA ________ DATE August 12, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	As ppm	Ba ppm		
RX 49759	Rock		Grab	0.5x0.5	49°42' 118°27'	Well bleached kaolinized, limonitic granodiorite with fine-grained chalcedonic quartz veinlet.	24	.3	6	49		
RX 49760	"		Chip	0.5	" "	Malachite stained friable gneissic rock; chloritized, possible detachment fault zone.	40	9.5	2	164		
RX 49761	"		"	0.5	" "	Carbonatized andesite dyke with calcite + quartz veinlets, fine pyrite throughout.	16	.2	3	32		
RX 49762	"		"	0.5	" "	Several vuggy open-space quartz fractures in chloritized quartz monzonite.	6	.2	2	38		
RX 49763	Talus		Grab	0.3x0.3	49°42' 118°28'	Milky white limonitic quartz, bleached argillic intrusive.	4	.1	3	25		
RX 49764	"		"	0.5x0.5	" "	Bleached, feldspathized intrusive with stockwork of drusy quartz veinlets.	63	.3	4	28		
RX 49765	"		"	0.5x0.5	" "	Bleached, feldspathized intrusive, limonitic, with network of drusy quartz veinlets.	36	.1	3	31		
						OUTBACK 2 Claim: August 13, 1990						
RX 49766	Rock		Chip	1 x0.5	49°41' 118°28'	Open-space micro-brecciated ?dacite dyke with drusy quartz infillings.	57	.2	2	44		
RX 49767	"		"	1 x 2	" "	Stockwork veined bleached green dacite dyke, micro-brecciated.	21	.2	2	50		
RX 49768	Talus		Grab	0.5x0.5	" "	Well veined and fractured quartz monzonite talus, drusy open space fractures throughout.	12	.2	2	50		

INCO GOLD

TRAVERSE NUMBER ______ **PROJECT** OUTBACK Claim **GEOLOGIST(S)** D. Rawlek

N.T.S. 82E-9 **AREA** ______ **DATE** August 12, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (metres)	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton): Au ppb	Ag ppm	Cu ppm	Fe %		
RX 49769	Rock		Chip	1 x 0.1	49°42' 118°29'	North trending quartz k-feldspar vein in propyllitized quartz monzonite; minor pyrite.	7	.1	5	1.62		

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK Claim

AREA Jane Showing

GEOLOGIST(S) Dave Rawlek

DATE August 12, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION (Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.)	Au ppb	Ag ppm	Cu ppm	Fe %		
RX 46226	Rock		Grab		49°41'N 118°28'W	Quartz in the Monzonite, 5 cm clot surrounded by Monzonite.	1	.1	254	5.10		
RX 46227	"		"	1/2 m^2	" "	Jane Showing: rusty coloured felsic rock, magnetite and chalcopyrite form mineralization, azurite+malachite also stain rock.	1060	30.6	10845	17.88		
RX 46228	"		"	"	" "	Jane Showing: highest elevation sample. Rusty magnetite with minor chalcopyrite and malachite.	44	1.2	1414	9.03		
RX 46229	"		"	1/3 m^2	" "	Jane Showing: second highest sample taken. Same qualifications as RX 46228.	631	22.3	8347	28.52		
RX 46230	"		"	1/4 m^2	" "	Jane Showing: high grade sample. 70% magnetite, 30% chalcopyrite.	1783	29.4	9000	17.91		
RX 46231	"		Grab		" "	Lowest sample taken on Jane Showing: felsic rock with magnetite and chalcopyrite.	582	16.2	9930	12.88		
RX 46232	"		"	2 x 2 m	" "	Discovery Creek, 4830' elevation, propylitized + carbonitized granite. Highly fractured.	9	.2	96	3.93		
RX 46233	"		"		" "	Discovery Creek, 4250' elev., a recrystallized granite, almost schist like, has a high % of mafics.	9	.4	137	4.76		

RESULTS (ppm. / % /oz. per ton)

INCO GOLD

TRAVERSE NUMBER ________ PROJECT OUTBACK Claim GEOLOGIST(S) H. Klatt

N.T.S. 82E-16 AREA Outback 9 Claim DATE August 4, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA Elev.	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	Au ppb	Ag ppm	Ba ppm			
SX 74569		Silt		4400'	49°46' 118°27'	Sandy gravelly silt, stream is about 2 m wide.	1	.1	114			
SX 74570		"		4510'	" "	Main branch of creek, sandy silt, stream is about 2 m wide.	2	.1	71			
SX 74571		"		"	" "	Tributary creek, sandy silt, creek is about 2 m wide.	2	.1	126			
SX 74572		"		4940'	" "	Tributary creek, sandy silt, creek is about 1 m wide.	1	.1	67			
SX 74573		"		4950'	" "	Main creek, sandy silt, creek is about 2 m wide.	1	.1	51			

RESULTS (ppm. / % /oz. per ton)

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK 8 Claim

AREA

GEOLOGIST(S) H. Klatt

DATE August 6, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA Elev.	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 74574		Silt		4740'	49°44'	Sandy gravelly silt, low organics, stream	2	.1	120			
					118°27'	is about 1 m wide.						
SX 74575		"		5180'	" "	Sandy silt, low organics, stream is about	1	.1	83			
						2 m wide.						

INCO GOLD

TRAVERSE NUMBER ______ PROJECT OUTBACK 7 Claim GEOLOGIST(S) H. Klatt

N.T.S. 82E-9 AREA ______ DATE August 6, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA Elev.	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 74589		Silt		4180'	49°43' 118°28'	Sandy silt, moderate organics, creek is about 1.5 m wide.	2	.1	121			
SX 74590		"		4915'	49°43' 118°27'	Gravelly silt, low organics, creek is about 1 m wide.	1	.1	153			
SX 74591		"		4700'	49°44' 118°27'	Gravelly sandy silt, low organics, creek is about 3 m wide.	1	.1	94			
SX 74592		"		4180'	49°43' 118°28'	Gravelly silt, low organics, creek is about 3 m wide.	1	.1	70			
SX 74593		"		5380'	49°43' 118°26'	Gravelly sandy silt, low organics, creek is about 1 m wide.	2	.1	99			
SX 74594		"		5375'	" "	Gravelly sandy silt, low organics, creek is about 2 m wide.	2	.2	126			
SX 74597		"		4180'	49°43' 118°29'	Soil sample from dry creek bed, low organics.	1	.2	301			
SX 74598		"		4080'	" "	Sandy silt, low organics, creek is almost dry.	1	.1	192			

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK 8 Claim

AREA

GEOLOGIST(S) H. Klatt

DATE August 6, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA Elev.	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % / oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 74599		Silt		4550'	49°44' 118°27'	Gravelly sandy soil, low organics, in dry creek bed, sediments are moist.	1	.1	297			
SX 74600		"		5080'	49°44' 118°26'	Soil sample from dry creek bed, low organics.	1	.1	87			

INCO GOLD

TRAVERSE NUMBER ______ PROJECT OUTBACK Claim GEOLOGIST(S) D. Rawlek/S. Porter

N.T.S. 82E-9 AREA ______ DATE July 27, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA GRID	LATITUDE, LONGITUDE and/or U.T.M. COORDINATE	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm./%/oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 74745		Soil		4250S	6000E	Damp, light brown, silty, 20% gravel, rxfg: angular.	17	.2	126			
SX 74746		"		"	5950E	Dry, orangey, silty, 20% gravel, rxfg: angular.	8	.1	113			
SX 74747		"		"	5900E	Damp, medium brown, silty, 10% gravel, rxfg: ___.	11	.1	128			
SX 74748		"		"	5850E	Dry, orangey brown, silty, 20% gravel, rxfg: angular.	21	.3	121			
SX 74749		"		"	5800E	Damp, light brown, silty, 20% gravel, rxfg: angular.	33	.4	69			
SX 74750		"		"	5750E	Dry, brown, silty, 20% gravel, rxfg: angular.	19	.1	100			
SX 74751		"		"	5700E	Damp, light brown, silty, 30% gravel, rxfg: angular.	1430	4.9	136			
SX 74752		"		"	5650E	Damp, rusty brown, silty, 20% gravel, rxfg: angular.	82	1.0	180			
SX 74753		"		4175S	5650E	Dry, orange brown, silty, 10% gravel, rxfg: angular.	38	1.1	143			
SX 74754		"		"	5700E	Dry, beige brown, silty, 25% gravel, rxfg: subangular.	150	1.0	118			

INCO GOLD

TRAVERSE NUMBER
PROJECT Outback
GEOLOGIST(S) D. Rawlek/S. Porter
N.T.S. 82E-9
AREA
DATE July 27, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA GRID	LATITUDE, LONGITUDE and/or U.T.M. COORDINATE	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % / oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 74755		Soil		4175S	5750E	Dry, light brown, silty, 30% gravel, rxfg: angular.	2280	5.6	198			
SX 74756		"		"	5800E	Damp, limonite brown, silty, 20% gravel, rxfg: angular.	28	.1	172			
SX 74757		"		"	5850E	Dry, light brown, silty, 40% gravel, rxfg: angular.	35	.5	106			
SX 74758		"		"	5900E	Damp, brown, silty, 10% gravel, rxfg: angular.	11	.1	101			
SX 74759		"		"	5950E	Damp, light brown, silty, 10% gravel, rxfg: angular.	11	.3	114			
SX 74760		"		"	6000E	Damp, rusty brown, silty, 10% gravel, rxfg: sub-angular.	15	.2	108			
SX 74761		"		4100S	6000E	Damp, rusty brown, silty, 5% gravel, rxfg: sub-angular.	5	.3	109			
SX 74762		"		"	5950E	Dry, brown, silty, 20% gravel, rxfg: angular.	6	.5	140			
SX 74763		"		"	5900E	Damp, brown, silty, 30% gravel, rxfg: sub-angular.	12	.1	100			
SX 74764		"		"	5850E	Damp, brown, silty, 10% gravel, rxfg: sub-angular.	7	.2	136			

INCO GOLD

TRAVERSE NUMBER ______ PROJECT OUTBACK Claim GEOLOGIST(S) D. Rawlek/S. Porter

N.T.S. 82E-9 AREA ______ DATE July 27, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA GRID	LATITUDE, LONGITUDE and / or U.T.M. COORDINATE	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (p.p.m. / % /oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 74765		Soil		4100S	5800E	Dry, light brown, silty, 20% gravel, rxfg: angular.	24	.3	203			
SX 74766		"		"	5750E	Dry, light brown, silty, 10% gravel, rxfg: sub-angular.	710	5.4	275			
SX 74767		"		"	5700E	Dry, light brown, silty, 20% gravel, rxfg: sub-angular.	163	1.5	192			
SX 74768		"		3875S	5600E	Damp, rusty brown, silty, 20% gravel, rxfg: angular.	9	.3	278			
SX 74769		"		"	5650E	Dry, brown, silty, 10% gravel, rxfg: sub-angular.	7	.1	211			
SX 74770		"		"	5700E	Dry, orange brown, silty, 10% gravel, rxfg: angular.	6	.1	183			
SX 74771		"		"	5750E	Dry, rusty brown, silty, 20% gravel, rxfg: sub-angular.	4	.2	212			
SX 74772		"		"	5800E	Damp, brown, 30% gravel, silty, rxfg: angular.	4	.1	211			
SX 74773		"		"	5850E	Dry, rusty brown, 10% gravel, rxfg: sub-angular.	12	.1	222			
SX 74774		"		"	5900E	Dry, light brown, silty, 10% gravel, rxfg: sub-angular.	2	.1	93			

INCO GOLD

TRAVERSE NUMBER ______ PROJECT OUTBACK Claim GEOLOGIST(S) D. Rawlek/S. Porter

N.T.S. 82E-9 AREA ______ DATE July 28, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA GRID	LATITUDE, LONGITUDE and / or U.T.M. COORDINATE	SAMPLE DESCRIPTION (Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.)	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 74775		Soil		3875S	5950E	Damp, light brown, silty, 20% gravel, rxfg: angular.	14	.1	111			
SX 74776		"		"	6000E	Damp, brown, silty, 20% gravel, rxfg: angular.	2	.3	415			
SX 74777		"		3950S	6000E	Dry, dark brown, silty, 20% gravel, rxfg: angular.	3	.7	159			
SX 74778		"		"	5950E	Damp, light brown, silty, 20% gravel, rxfg: angular.	6	.3	83			
SX 74779		"		"	5900E	Dry, light brown, silty, 10% gravel, rxfg: angular.	3	.4	164			
SX 74780		"		"	5850E	Dry, brown, 10% gravel, silty, rxfg: subangular.	25	.5	186			
SX 74781		"		"	5800E	Dry, brown, 10% gravel, silty, rxfg: angular.	16	.3	201			
SX 74782		"		"	5750E	Dry, brown, 20% gravel, silty, rxfg: angular.	37	.4	194			
SX 74783		"		"	5700E	Dry, brown, 20% gravel, silty, rxfg: angular.	9	.1	143			
SX 74784		"		"	5650E	Dry, brown, silty, 10% gravel, rxfg: angular.	3	.3	206			

INCO GOLD

TRAVERSE NUMBER ____
N.T.S. 82E-9
PROJECT OUTBACK Claim
AREA ____
GEOLOGIST(S) D. Rawlek/S. Porter
DATE July 28, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA GRID	LATITUDE, LONGITUDE and/or U.T.M. COORDINATE	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 74785		Soil		3950S	5600E	Dry, brown, silty, 10% gravel, rxfg: angular.	37	.2	181			
SX 74786		"		3725S	5900E	Dry, light brown, silty, 20% gravel, rxfg: angular.	2	.1	136			
SX 74787		"		3725S	5950E	Dry, light brown, silty, 30% gravel, rxfg: angular.	2	.1	152			
SX 74788		"		"	6000E	Dry, light brown, silty, 40% gravel, rxfg: angular.	3	.1	238			
SX 74789		"		3800S	6000E	Damp, light brown, silty, 10% gravel, rxfg: sub-angular.	1	.1	320			
SX 74790		"		"	5950E	Dry, light brown, silty, 20% gravel, rxfg: sub-angular.	1	.1	98			
SX 74791		"		"	5900E	Dry, light brown, silty, 10% gravel, rxfg: sub-angular.	3	.1	146			
SX 74792		"		"	5850E	Dry, light brown, silty, 10% gravel, rxfg: sub-angular.	2	.1	185			
SX 74793		"		"	5800E	Damp, dark red brown, silty, 10% gravel, rxfg: angular.	1	.3	479			
SX 74794		"		"	5750E	Dry, light brown, silty, 10% gravel, rxfg: angular.	1	.1	126			

INCO GOLD

TRAVERSE NUMBER
N.T.S. 82E-9

PROJECT OUTBACK Claim
AREA

GEOLOGIST(S) D. Rawlek
DATE July 28, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA GRID	LATITUDE, LONGITUDE and / or U.T.M. COORDINATE	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 74795		Soil		3800S	5700E	Moist, brown, silty, 30% gravel, rxfg: angular.	4	.1	175			
SX 74796		"		"	5650E	Damp, brown, silty, 20% gravel, rxfg: angular.	1	.4	442			
SX 74797		"		"	5600E	Damp, dark brown, silty, 10% gravel, rxfg: sub-angular.	2	.3	255			

INCO GOLD

TRAVERSE NUMBER
N.T.S. 82E-9

PROJECT OUTBACK Claim
AREA

GEOLOGIST(S) D. Rawlek/S. Porter
DATE July 29, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA GRID	LATITUDE, LONGITUDE and/or U.T.M. COORDINATE	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 74798		Soil		4550S	5600E	Damp, light brown, silty, 5% gravel, rxfg: sub-rounded.	133	.1	90			
SX 74799		"		"	5650E	Dry, light brown, silty, 10% gravel, rxfg: sub-angular.	157	.2	80			
SX 747800		"		"	5700E	Damp, light brown, sandy silt, 20% gravel, rxfg: sub-angular.	11	.4	80			

INCO GOLD

TRAVERSE NUMBER ______ PROJECT OUTBACK Claims GEOLOGIST(S) D. Rawlek

N.T.S. 82E-9 AREA ______ DATE July 28, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA GRID	LATITUDE, LONGITUDE and/or U.T.M. COORDINATE	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm./%/oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 74695		Soil		3725S	5600E	Damp, limonite brown, silty, 10% gravel, rxfg: sub-angular.	4	.2	532			
SX 74696		"		"	5650E	Dry, limonite brown, silty, 10% gravel, rxfg: sub-angular.	6	.1	443			
SX 74697		"		"	5700E	Damp, limonite brown, silty, 10% gravel, rxfg: sub-angular.	8	.3	155			
SX 74698		"		"	5750E	Damp, limonite brown, silty, 10% gravel, rxfg: sub-angular.	5	.2	145			
SX 74699		"		"	5800E	Damp, limonte brown, silty, 5% gravel, rxfg: sub-rounded.	5	.1	152			
SX 74700		"		"	5850E	Damp, limonite brown, silty, 5% gravel, rxfg angular.	3	.1	210			

INCO GOLD

TRAVERSE NUMBER ______ PROJECT OUTBACK Claims GEOLOGIST(S) D. Rawlek/S. Porter

N.T.S. 82E-9 AREA ______ DATE July 29, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA GRID	LATITUDE, LONGITUDE and/or U.T.M. COORDINATE	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 99301		Soil		4550S	5750E	Damp, brown (orangish), silty, 5% gravel, rxfg: sub-rounded.	19	.1	67			
SX 99302		"		"	5800E	Damp, brown, silty, 20% gravel, rxfg: sub-rounded.	18	.2	142			
SX 99303		"		"	5850E	Damp, brown, silty, 20% gravel, rxfg: sub-angular.	95	.1	97			
SX 99304		"		"	5900E	Damp, brown, silty, 10% gravel, rxfg: sub-angular.	2	.2	94			
SX 99305		"		"	5950E	Dry, brown, silty, 20% gravel, rxfg: angular.	1	.1	137			
SX 99306		"		"	6000E	Dry, light brown, silty, 5% gravel, rxfg: sub-angular.	1	.3	84			
SX 99307		"		4600S	6000E	Dry, brown, silty, 10% gravel, rxfg: sub-angular.	2	.2	88			
SX 99308		"		"	5950S	Dry, brown, silty, 10% gravel, rxfg: sub-angular.	1	.1	111			
SX 99309		"		"	5900E	Damp, brown, silty, 30% gravel, rxfg: sub-angular.	160	1.0	108			
SX 99310		"		"	5850E	Dry, orange-brown, silty, 5% gravel, rxfg: sub-rounded.	4	.4	105			

INCO GOLD

TRAVERSE NUMBER
N.T.S. 82E-9

PROJECT OUTBACK Claims
AREA

GEOLOGIST(S) D. Rawlek/S. Porter
DATE July 29, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA GRID	LATITUDE, LONGITUDE and / or U.T.M. COORDINATE	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 99311		Soil		4600S	5800E	Dry, orange-brown, silty, 5% gravel, rxfg: sub-angular.	11	.1	100			
SX 99312		"		"	5750E	Dry, orange-brown, silty, 10% gravel, rxfg: sub-rounded.	5	.1	105			
SX 99313		"		"	5700E	Damp, brown, sandy silt, 5% gravel, rxfg: sub-angular.	15	.1	112			
						July 31, 1990						
SX 99314		"		4775	5800E	Dry, brown, silty, 20% granite, rxfg: sub-angular.	4	.5	55			
SX 99315		"		"	5850E	Dry, light brown, silty, 20% granite, rxfg: angular.	3	.2	58			
SX 99316		"		"	5900E	Dry, orange-brown, silty, 10% gravel, rxfg: sub-angular.	7	.8	65			
SX 99317		"		"	5950E	Dry, light brown, silty, 5% gravel, rxfg: sub-angular.	56	2.5	59			
SX 99318		"		"	6000E	Dry, orange-brown, silty, 10% gravel, rxfg: sub-angular.	2	.2	67			
SX 99319		"		"	6050E	Dry, light orange-brown, silty, 10% gravel, rxfg: sub-angular.	12	1.1	189			

INCO GOLD

TRAVERSE NUMBER ____ PROJECT OUTBACK Claims GEOLOGIST(S) S. Porter/D. Rawlek

N.T.S. 82E-9 AREA ____ DATE July 31, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA GRID	LATITUDE, LONGITUDE and/or U.T.M. COORDINATE	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm./%/oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 99320		Soil		4775S	6100E	Dry, light brown, silty, 15% gravel, rxfg: angular.	17	.2	140			
SX 99321		"		"	6150E	Damp, brown, silty, 20% gravel, rxfg: sub-rounded.	5	.2	93			
SX 99322		"		"	6200E	Dry, light brown, silty, 5% gravel, rxfg: angular.	1	.2	85			
SX 99323		"		"	6250E	Dry, orange-brown, silty, 5% gravel, rxfg: sub-rounded.	8	.3	104			
SX 99324		"		"	6300E	Dry, brown, silty, 10% gravel, rxfg: sub-angular.	3	.2	117			
SX 99325		"		4850S	6300E	Dry, light brown, silty, 10% gravel, rxfg: sub-rounded.	11	.2	102			
SX 99326		"		"	6250E	Damp, rusty brown, silty, 5% gravel, rxfg: sub-rounded.	2	.1	66			
SX 99327		"		"	6200E	Damp, light brown, sandy, silty, 10% gravel rxfg: sub-rounded.	10	.3	101			
SX 99328		"		"	6150E	Dry, light orange-brown, silty, 10% gravel, rxfg: sub-angular.	37	.2	78			
SX 99329		"		"	6100E	Dry, orange-brown, silty, 5% gravel, rxfg: sub-rounded.	1	.2	65			

INCO GOLD

TRAVERSE NUMBER ______ PROJECT OUTBACK Claims GEOLOGIST(S) S. Porter/D. Rawlek

N.T.S. 82E-9 AREA ______ DATE July 31, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA GRID	LATITUDE, LONGITUDE and / or U.T.M. COORDINATE	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 99330		Soil		4850S	6050E	Dry, brown, silty, 10% gravel, rxfg: sub-angular.	1	.2	52			
SX 99331		"		"	6000E	Damp, brown, silty, 5% gravel, rxfg: sub-rounded.	4	.1	71			

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK 7 Claim

AREA Adrienne Showing

GEOLOGIST(S) D. Bohme

DATE August 10, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SX Stream Silt, Soil	Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (Depth)	LATITUDE, LONGITUDE and/or U.T.M. Coordinate	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (p.p.m. / % / oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 99341		Soil		0.2 m	600N+450E	Light brown to yellow	1	.2	105			
SX 99342		"		"	575N+425E	Yellow	1	.3	257			
SX 99343		"		0.3 m	550N+400E	Yellow	1	2.1	517			
SX 99344		"		"	575N+375E	Yellow	1	.5	169			
SX 99345		"		"	600N+350E	Yellow brown	1	.6	230			
SX 99346		"		0.2 m	625N+325E	Fine and yellow	2	.4	153			
					Coordinate	EAST OF OUTBACK CLAIM - August 12/90						
SX 99347		Silt		0.5 m	49°42' 118°27'	Coarse gravelly silt; intrusive outcrop nearby, elev. 5550'.	1	.1	115			
SX 99348		"		0.1 m	" "	Tiny spring seep flowing NW; good silt, elev. 5540'.	1	.4	145			

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK 5 Claim

AREA

GEOLOGIST(S) D. Rawlek

DATE August 2, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION: Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % / oz. per ton): Au ppb	Ag ppm	Ba ppm			
				Width								
SX 99332		Silt		0.3 m	49°40'N 118°30'W	Creek to the north of Cane Creek on west side of valley. Poor quality sample, high organics, not a good stream for silt. Elevation: 3600'.	1	.1	110			

INCO ●OLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK 4 Claim

AREA

GEOLOGIST(S) D. Rawlek

DATE August 3, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA (Width)	LATITUDE, LONGITUDE and/or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 99333		Silt		1.0 m	49°40'N	Small stream entering Granby from West, 2	1	.1	44			
					118°30'W	streams north of Cane Creek. Poor quality						
						sample, mostly granite gravel.						

INCO GOLD

TRAVERSE NUMBER
N.T.S. 82E-9

PROJECT OUTBACK 3 Claim
AREA

GEOLOGIST(S) D. Bohme
DATE August 6, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA Width	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % / oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 99334		Silt		0.3 m	49°41' 118°29'	East flowing tributary on top of organic debris, good gravelly silt by overturned tree.	1	.3	233			

INCO GOLD

TRAVERSE NUMBER

N.T.S. 82E-9

PROJECT OUTBACK 7 Claim

AREA

GEOLOGIST(S) D. Bohme

DATE August 7, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA Width	LATITUDE, LONGITUDE and/or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (p.p.m. / % /oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 99335		Silt		0.3 m	49°42' 118°29'	Dry creek gully; elev. 4350', good coarse silt.	1	.1	153			
SX 99336		"		"	" "	Elev. 4340'; good fine silt, minor organics	1	.1	306			
						OUTBACK 5 Claim						
SX 99337		"			49°39' 118°29'	Very poor quality sample taken from dried out runoff pool. Mostly sand and organics + little silt.	1	.3	267			
						OUTBACK 6 Claim						
SX 99338		"			49°39' 118°29'	Very little water in stream, looks like a seep. Good silt, lots of sand, low gravel.	1	.1	145			
SX 99339		"			49°38' 118°30'	Creek south of Cane Creek entering Granby from the east. Poor quality, low silt, low sand, high granite gravel content.	1	.2	70			

INCO GOLD

TRAVERSE NUMBER

PROJECT OUTBACK 3 Claim

GEOLOGIST(S) D. Bohme

N.T.S. 82E-9

AREA

DATE August 6, 1990

SAMPLE NUMBER	SAMPLE TYPE: RX Rock, Talus	SAMPLE TYPE: SX Stream Silt, Soil	SAMPLE TYPE: Grab, Chip, Channel	SAMPLE LENGTH, WIDTH, AREA Width	LATITUDE, LONGITUDE and / or U.T.M.	SAMPLE DESCRIPTION Rock type, lithology, character of soil, stream silt, etc. Formation Mineralization, etc.	RESULTS (ppm. / % /oz. per ton) Au ppb	Ag ppm	Ba ppm			
SX 99340		Silt		2.5 m	49°42'	Just off claim to the NW, main creek gully,	1	.1	59			
					118°29'	good coarse to sandy silt.						

APPENDIX III

PETROGRAPHIC REPORT ON SIX THIN SECTIONS FROM THE OUTBACK CLAIMS, SOUTHEASTERN B.C. (INCLUDING BETH SHOWING)

Report for: Dennis Bohme, P. Eng.
Project Geologist
INCO Exploration
Suite 512, 808 Nelson Street
Vancouver, B.C.
V6Z 2H2

Invoice attached

February 28, 1990

Samples submitted: 41133A, 41133B, 41134, 41135, 41160, 41197.

SUMMARY:

The rocks of this suite are mainly felsic plutonic rocks (?hornblende quartz monzonite to grainite, with one sample, 41160, a possible quartz porphyry) that have been cut by a network of banded chalcedonic quartz veins. The primary minerals were plagioclase and mafic relics that may have been hornblende, interstitial K-feldspar and quartz, and accessory magnetite/sphene/rutile. Grain size was about 1-3 mm.

In places the veins have selvages of pink potassic feldspar that may be adularia (adularia is a form of orthoclase that is difficult to confirm, even by X-ray diffraction; it is generally found in low-temperature epithermal systems). Elsewhere, there are selvages of chlorite and limonite that may be after pyrite. The sulfide content is generally low; fresh pyrite, partly replaced by goethite, is seen in sample 41135. No base-metal sulfides or possible hosts for the (low) Au and Ag values were seen.

Alteration of the wall rocks is generally propylitic (albite-chlorite-sericite±clay±carbonate) in 41133A/B, 41134, 41135, and 41160, but locally is phyllic (quartz-sericite) in 41197 or potassic (?adularia) especially adjacent to veins.

Fluid inclusions in vein quartz are abundant but are extremely fine, mainly without visible vapour bubbles. They would be difficult to determine microthermometricaly, but possibly indicate very low temperatures (below 240 °C) by comparison to other systems in the southwestern U.S.A.

Craig H.B. Leitch, Ph.D., P.Eng.

(604) 228-2646 or 921-8780

41133A: PROPYLITIZED QUARTZ MONZONITE, CUT BY QUARTZ-?ADULARIA VEINING

Sample of green proplytic altered plutonic rock cut by a swarm of thin, grey, banded chalcedonic quartz with pink selvages. No sulfides apparent in the hand specimen, which is not magnetic. In thin section, the mineralogy is as follows: Altered wall rock

Plagioclase (albite)	30%
K-feldspar (microcline; primary)	20%
Quartz (mainly primary)	15%
Chlorite (after hornblende)	15%
Hydrobiotite (after hornblende)	5%
Sericite (muscovite)	5%
Epidote	5%
Fe-Ti oxides	5%
Veins	
Quartz	70%
K-feldspar (?adularia)	30%

This sample is made up of about 30% veins and 70% altered wall rock. The wall rock was originally a medium-grained plutonic rock composed of about 20% 1-2 mm long subhedral mafic crystals, probably hornblende, 40% 2-5 mm long euhedral plagioclase crystals, 20% each of anhedral K-feldspar and quartz, with the remainder opaque (Fe-Ti oxides).

The mafic relics are now composed of fine-grained (0.05 to 0.2 mm) secondary minerals, including pale green chlorite that lacks anomalous interference colours and may be magnesian; yellow-green "hydrobiotite" that has too high birefringence to be chlorite; epidote with very weak ploechroism and therefore probably Fe-poor; minor quartz; and opaque oxides.

Plagioclase has been altered to albite (refractive indices slightly lower than quartz, and extinction angles Y^010 about 15 degrees, Z^001 13 degrees, indicating An_{0-5}). It has also been weakly to moderately sericitized by fine flakes of muscovite up to 0.025 mm diameter.

Interstitial K-feldspar has a distinctly lower refractive index than quartz, and grid twinning indicating it probably is microcline. It is likely primary, forming anhedral grains to about 0.5 mm diameter.

Quartz also forms highly irregular interstitial grains of about 0.3 mm average diameter. They are moderately strained (undulose extinction) and fractured.

The veins are mainly made up of finely crystalline anhedral interlocking quartz grains of several size distributions (0.1-0.3 mm, 0.01-0.03 mm) forming ribbons parallel to the vein walls. The selvages are formed of K-feldspar (distinctly lower index than quartz; pink colour due to finely divided hematite/clay particles). The grains are 0.05 mm or less in diameter and anhedral; they cannot be positively identified as adularia in thin section. This would require X-ray confirmation.

41133B: PROPYLITIZED QUARTZ MONZONITE CUT BY CHALCEDONIC QUARTZ-?ADULARIA VEINS

Similar to 41133A, but with thicker, more rectilinear quartz veining that has more obvious banding and chalcedonic character. There are thin (0.1-0.5 mm) bands of alternating grey and white quartz. The pink feldspathic selvages to the veins are thinner than in 41133A, averaging only 0.5 mm. In thin section, the mineralogy is similar to that of 41133A:

Altered plagioclase (albitized, sericitized)	35%
Quartz (primary)	15%
K-feldspar (microcline; primary)	15%
Altered mafic relics	25%
(composed of: hydrobiotite	15%)
(epidote	5%)
(sphene, opaque Fe-Ti oxides	5%)
Veins	10%
(composed of: chalcedonic quartz	9%)
(K-feldspar	1%)

Plagioclase forms subhedral 2-3 mm long crystals with random orientations. They have been albitized as in 41133A, and also altered to fine flakes of sericite and in the cores to epidote. The epidote forms subhedral grains of about 0.03 mm diameter, whereas the sericite is finer, 0.01-0.02 mm across.

The primary quartz forms subhedral to anhedral grains of about 0.5 to 1.0 mm diameter, interstitial to the plagioclase. As in 41133A, it is mildly strained and cut by fractures, some of which are marked by planes of secondary fluid inclusions. Possible primary fluid inclusions up to 10 microns diameter are also abundant.

Primary K-feldspar is mainly microcline, as indicated by grid twinning, and forms anhedral grains of 0.5 mm diameter that are interstitial to the quartz and plagioclase.

Mafic relics probably were 1-2 mm long hornblende crystals. They are now completely pseudomorphed by 0.05-0.1 mm flaky hydrobiotite (birefringence higher than chlorite), 0.02-0.03 mm diameter epidote, minor quartz, and Fe-Ti relics such as 0.05 mm opaque oxides and subhedral sphene up to 0.5 mm long.

The veins are made up of finely banded quartz of two main size distributions: 0.1 mm or greater, and 0.03 mm or finer. The fine collomorphic banding is mainly confined to the fine grained layers, and appears to be caused by very fine grains of K-feldspar (low refractive index, cloudy like the selvages). In places there are prominent clusters of radiating elongate quartz crystals up to 1 mm long, occasionally associated with vugs of up to 1mm diameter. In places where K-feldspar grains project into the veins, they have a bladed or elongated character (up to 0.5 mm long), suggesting primary microcline has been replaced by ?adularia. Adularia is a form of orthoclase that is difficult to confirm.

41134: CHALCEDONIC QUARTZ VEINS IN K-FELDSPATHIZED ?MONZONITE

Massive, chalcedonic, grey and white banded quartz veining cutting a pinkish-grey, highly altered plutonic rock probably derived from the same quartz monzonite as in 41133. This sample is also from the Beth showing; there are no sulfides visible, but the sample assayed 6 g/t Au and 127 g/t Ag. In thin section, the mineralogy is dominated by the quartz of the vein:

Quartz (crystalline and chalcedonic)	70%
Secondary K-feldspar (?adularia)	20%
Mica (sericite, ?clay, etc.)	5%
Opaque (limonite, pyrite)	5%

The remnants of wall rock in this sample are much more highly altered than in 41133. There is no trace of the igneous texture in thin section, although a vaguely igneous texture is apparent in the hand specimen. The strong pink colour in the hand sample suggests strong K-feldspar alteration, and this is borne out in the section by the presence of the same cloudy (hematite-clay dusted) low relief mineral as found in 41133. In this section, it does not form selvages to the veins, but rather pervasive replacements. It could be adularia; although it is mostly very fine-grained (0.02 mm diameter or less), in places there are elongate grains up to 0. 1mm long. No rhombic cross-sections were seen, but the bladed character suggests adularia.

The quartz of the veins exhibits a variety of textures. The bulk of it is clear, as fine-grained (0.05 mm diameter or less) anhedral interlocking aggregates. Within this matrix, there are many rosettes or patches of radiating, spherulitic quartz formed of coarser (up to 0.5 mm) chalcedonic quartz that is characterized bypolarization crosses in crossed polars and by trails of fine primary fluid inclusions that outline growth zones. In places there are also perfectly clear crystals of euhedral alpha-quartz up to 0.3 mm diameter. Both the fine-grained and coarse-grained quartz are cut by thin veinlets of anhedral to bladed, 0.1 mm quartz. There are rare vugs in the vein.

It is doubtful if useful infrmation could be extracted from the primary fluid inclusions in much of the vein quartz due to their small size (generally less than 3 microns) and the apparent lack of a vapour bubble.

Rare patches of mica (mainly sericite, but ther may be some clay) are up to 0.1 mm across and are composed of flakes up to 0.03 mm diameter.

There are actually some sulfides present, forming cubic pyrite up to 0.2 mm across, although almost all is oxidized to limonite, and transported limonite grains stain some mica and feldspar yellow. Without a polished surface to examine, it is difficult to speculate on the locus of the Ag- and Au-bearing minerals.

41135: PROPYLITIZED QUARTZ MONZONITE CUT BY CHALCEDONIC VEINS

Sample of relatively fresh to weakly propylitized felsic plutonic rock similar to 41133A/B, cut by grey chalcedonic quartz veins with sparse pink grains of K-feldspar. This sample also comes from the Beth showing, and was cut to evaluate the opaque minerals seen in the hand specimen. The rock is strongly magnetic, indicating that magnetite is likely present. In polished thin section the following minerals are apparent:

Relict altered plagioclase (albitized, sericitized)	35%
Quartz (partly secondary)	15%
Sericite (muscovite)	15%
K-feldspar (partly secondary)	15%
Chlorite, hydrobiotite	10%
Carbonate (?dolomite or ankerite)	5%
Magnetite (minor hematite)	2%
Pyrite	2%
Limonite (goethite)	1%

Relict plagioclase crystals are generally 2-3 mm long and euhedral in outline. They have been albitized, and are moderately altered to fine sercite as fine 0.025 mm flakes.

Former mafic crystals were of similar size and subhedral to euhedral; they may have been hornblende. They are now pseudomorphed by fine-grained chlorite, minor hydrobiotite, carbonate, epidote (in a few places), and opaques. The opaques are mainly magnetite, as aggregates of subhedral grains of 0.1 mmdiameter, or occasional coarser grains up to 0.5 mm across. The magnetite is lightly altered to fine (0.025 mm) grains of hematite. Pyrite, as subhedral grains up to 1 mm across, is also associated with the altered mafic sites. It is extensively replaced along fractures and margins by goethite, which has red-brown internal reflections. Carbonate does not appear to react to cold dilute HCl, and so may be dolomite or ankerite (although the grains are rather small, about 0.05 to 0.2 mm diameter).

Both quartz and feldspar appear to be partly secondary. Although of the same average grain size and with interstitial character as in 4133A/B, they show evidence of recrystallization and regrowth, especially near the veins. Here the K-spar, which was initially microcline, is veined by clear K-spar in more or less bladed grains up to 0.3 mm long, suggestive of ?adularia. Similar K-spar occurs in the veins.

The veins are composed of bladed but fine-grained (0.1 to 0.5 mm long) quartz with a chalcedonic character. The grains are oriented perpendicular to the vein walls. Selvages of chlorite (with anomalous blue interference colours, indicating higher iron contents) are present in places. There is no clear association, however, between veins and sulfides. Close to the veins, mafic sites may be replaced by coarse (up to 0.2 mm) muscovite. There is nothing in the veins to explain the gold and silver contents (although these are only 2.5 and 25 g/t, respectively).

41160: CHALCEDONIC BRECCIA VEIN IN CHLORITIZED QUARTZ PORPHYRY

Irregular, thin (0.5-1 cm) quartz veinlet in a 5 cm thick, dark green propylitized and brecciated zone. Some of the veining is chalcedonic, some is sheared; there is also a thin zone of red jasper (hematite-silica). The host rock appears to be strongly crushed plutonic as in 41133A/B. The rock is not magnetic, and there are no sulfides visible. In thin section the mineralogy is as follows:

Quartz (chalcedonic and alpha-quartz)	55%
Sericite (muscovite)	20%
Chlorite	10%
Hydrobiotite	10%
Carbonate (?dolomite or ankerite)	3%
Limonite (goethite and hematite)	2%

In thin section, there are obvious quartz phenocrysts that are euhedral and up to 1 mm in diameter. These suggest that the host rock was originally a felsic volcanic, not a plutonic rock as in the previous samples. Thus the sample could come from the Marron volcanics; there are also a few sericitized plagioclase? relics up to 1 mm long.

The primary quartz phenocrysts are very clear, with distinctive curving fractures, and easily separable from the bulk of the quartz in the section, which is cloudy, apparently from myriads of tiny fluid inclusions (1-3 microns). Most of the secondary quartz is chalcedonic in character, and is very fine-grained (typically less than 0.03 mm). There are also irregular, anastamose veinlets with cockscomb texture (bladed crystals up to 0.5 mm long), and occasional vugs. The whole vein system has been brecciated and fragments of wall rock intimately mixed with vein fragments. The fragments are strongly replaced by chlorite as extremely fine-grained (0.01 mm) flakey masses; minor sericite and carbonate are also present.

One end of the slide is dominated by strongly foliated (sheared) rock of two different mineralogical compositions. Nearest the vein the rock is replaced by a very fine (0.025 mm) mixture of hydrobiotite, or chlorite and sericite, while farther away it is replaced by sericite. Remnant plagioclase, mafic and quartz phenocrysts are barely distinguishable, as patches of sericite, sericite plus fine Fe-Ti oxides, and strained coarse quartz, respectively. Thin chalcedonic (cocksocomb) quartz veinlets with chloritic selvages also cut these foliated zones, which are unbrecciated. The chlorite, as opposed to K-spar, may indicate lower-temperature and therefore less mineralized selvages.

Carbonate is similar to that in 41135: it does not appear to react to cold dilute HCl, although it is in very fine grains (0.1 mm) and very sparse. It could be dolomite or ferroan dolomite. There is minor limonite, mainly stains of transported goethite (?possibly from sulfides), and in the band of jasper, where highly anhedral hematite grains are about 0.025 mm in diameter.

41197: QUARTZ-SERICITE ALTERED GRANITE CLASTS IN CHALCEDONIC VEINING

This sample, from the Outback claims, is of an intensely stockworked and altered ?granitic rock. Only small fragments of up to 2 cm diameter of the original wall rock remain in a matrix of pale grey, occasionally vuggy, often bladed cockscomb quartz veinlets. The rock fragments are pale pink to buff, although the colour may be due to weak limonite staining, which is prominent in places in the veining. The rock fragments look granitic. In thin section, the mineralogy is approximately:

Plagioclase (albite)	25%
K-feldspar (microcline)	20%
Quartz (primary alpha-quartz)	15%
Vein quartz	20%
Sericite (muscovite)	15%
Opaque (limonite, mainly goethite)	5%

The wall rock clasts are granitic in appearance, although the composition is more that of a quartz monzonite. They are made up of roughly one-third of each of plagioclase, K-spar, and quartz. Plagioclase forms small subhedral to euhedral tablets up to 1 mm long whose composition is about albite, An_5 as indicated by relief less than quartz and extinction angles of Y to 010=14°, Z to 001 = 10°. K-feldspar is almost all microcline, as indicated by grid twinning and a large negative 2V. It forms large subhedral grains up to 3 mm long that are partly replaced by secondary quartz. Primary quartz forms anhedral grains interstitial to the feldspars that are highly strained (undulose extinction and sutured grain boundaries). The only mafic minerals are limonite and traces of ?chlorite as intergranular films. There is no indication of adularia in the alteration assemblage, which would be characterized as silicic or phyllic from the quartz-sericite mineralogy.

Other wall rock fragments have a highly altered appearance caused by the total destruction of texture by fine-grained sericite and quartz. The sericite is fine-grained muscovite of about 10 micron (0.01 mm) average diameter, andit is mixed with fine silica of about 0.03 mm average diameter. There are patches of coarser quartz that probably represent recrystallized primary quartz, and areas of limonite that may represent former mafic sites. Pyrite was apparently present before weathering, since some of the limonite is dense and has cubic outlines; it formed grains up to 0.3 mm across. Traces of ?sphene (strongly iron-stained) as subhedral grains up to 0.1 mm diameter are sparingly present.

The veins are much the same as in other samples of this suite, generally 1-2 mm thick and composed of bladed (cockscomb)quartz up to 1 mm long. Portions of these crystals are full of highly irregular, probably mainly secondary, inclusions (fluid and solid) up to 10 microns long. Vapour bubbles are generally not visible, which would make microthermometric work difficult. Limonite distributed along the selvages of the veins, and in fractures, is probably after pyrite; if so, this was reasonably well mineralized.

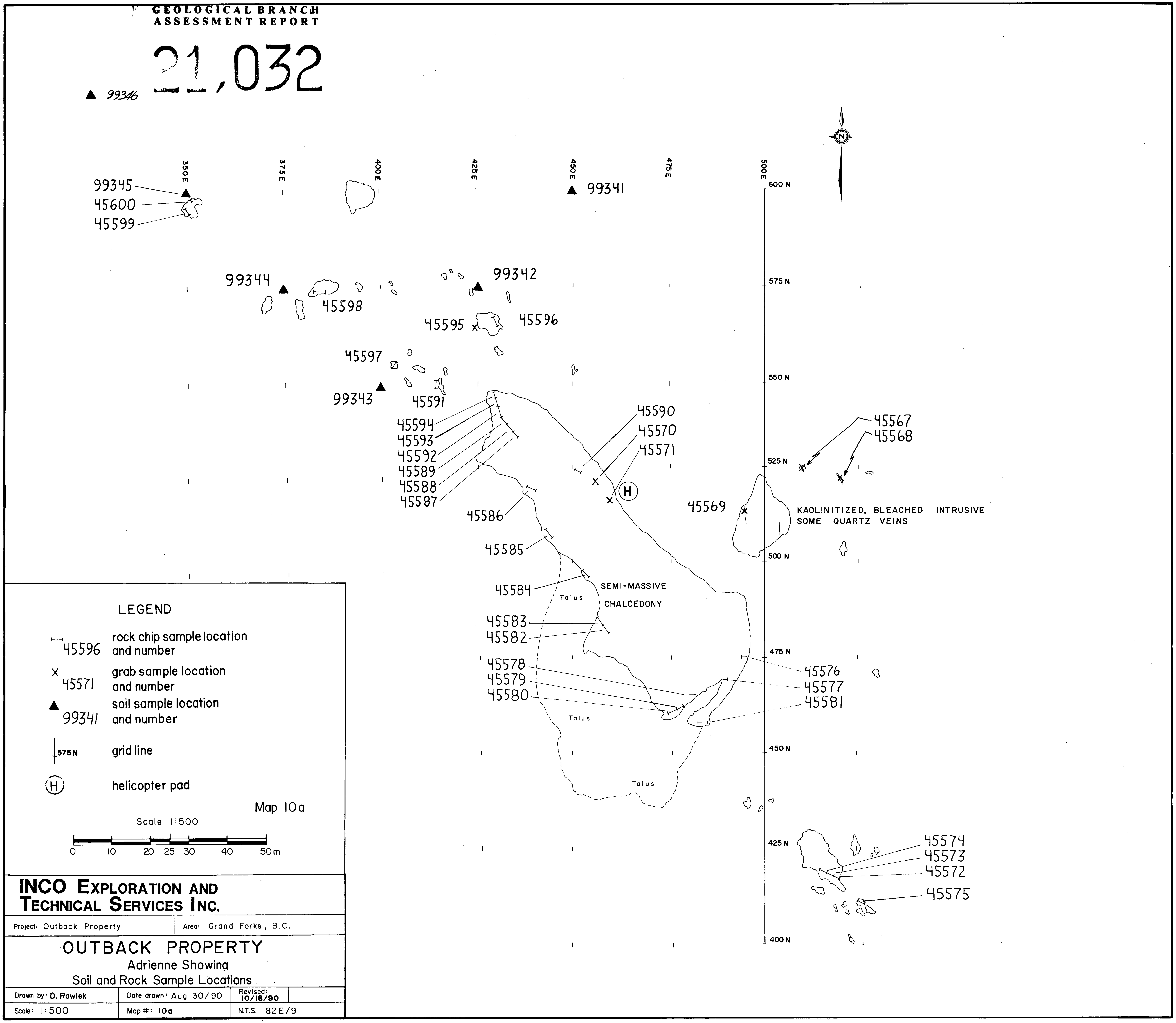
One grain of epidote, as a euhedral 0.2 mm long crystal, was seen.


OUTBACK 7
5597
OUTBACK
5596
OUTBACK 3
5591
OUTBACK 4
5592
OUTBACK 2
5548
OUTBACK 5
5593
Granby River
393000
393500
394000
394500
395000
5507000
5506500
5506000
5505500
5505000
5504500
5504000
5503500
5503000
5000
4500
4000
38+00S
41+00S
44+00S
47+00S
50+00S
53+00S
56+00S
59+00S
62+00S
64+25S
63+00S
52+00E
55+00E
56+00E
58+00E
60+00E
LEGEND
53+00S Grid Coordinate
+5506000 U.T.M.
Contour lines
Contour interval - 100 feet
Creek
Legal corner posts (LCP)
GEOLOGICAL BRANCH
ASSESSMENT REPORT
21,032
Claims staked by chain and compass
Scale 1:5000
0 100 250 500m
Map 11a
INCO EXPLORATION AND
TECHNICAL SERVICES INC.
Project: Outback Property
Area: Grand Forks, B.C.
OUTBACK PROPERTY
Soil Sample Locations
Drawn by: I. Casidy
Date drawn: Aug 30/90
Revised: 10/16/90
Scale: 1:5000
Map #: 11a
N.T.S. 82E/9


OUTBACK 7
5597
OUTBACK
5596
OUTBACK 3
5591
OUTBACK 4
5592
OUTBACK 2
5548
OUTBACK 5
5593
393000
393500
394000
394500
395000
5507000
5506500
5506000
5505500
5505000
5504500
5504000
5503500
5503000
+ 5506000
+ 5503500
River
Granby
5000
4500
4000
5500
38+00S
41+00S
44+00S
47+00S
50+00S
53+00S
56+00S
59+00S
62+00S
64+25S
63+00S
52+00E
55+00E
56+00E
58+00E
60+00E
GEOLOGICAL BRANCH
ASSESSMENT REPORT
21,032
LEGEND
53+00S Grid Coordinate
395000 +5506000 U.T.M.
Contour lines
Contour interval - 100 feet
Creek
Legal corner posts (LCP)
470
>150
>50 TO 150
>25 TO 50
>15 TO 25
>6 TO 15
>4 TO 6
0 TO 4
Claims staked by chain and compass
Scale 1:5000
0 100 250 500m
Map 11b
INCO EXPLORATION AND TECHNICAL SERVICES INC.
Project: Outback Property
Area: Grand Forks, B.C.
OUTBACK PROPERTY
Soil Geochemistry - Gold (ppb)
Drawn by: I. Casidy
Date drawn: Aug 30/90
Revised: 10/15/90
Scale: 1:5000
Map #: 11b
N.T.S. 82E/9

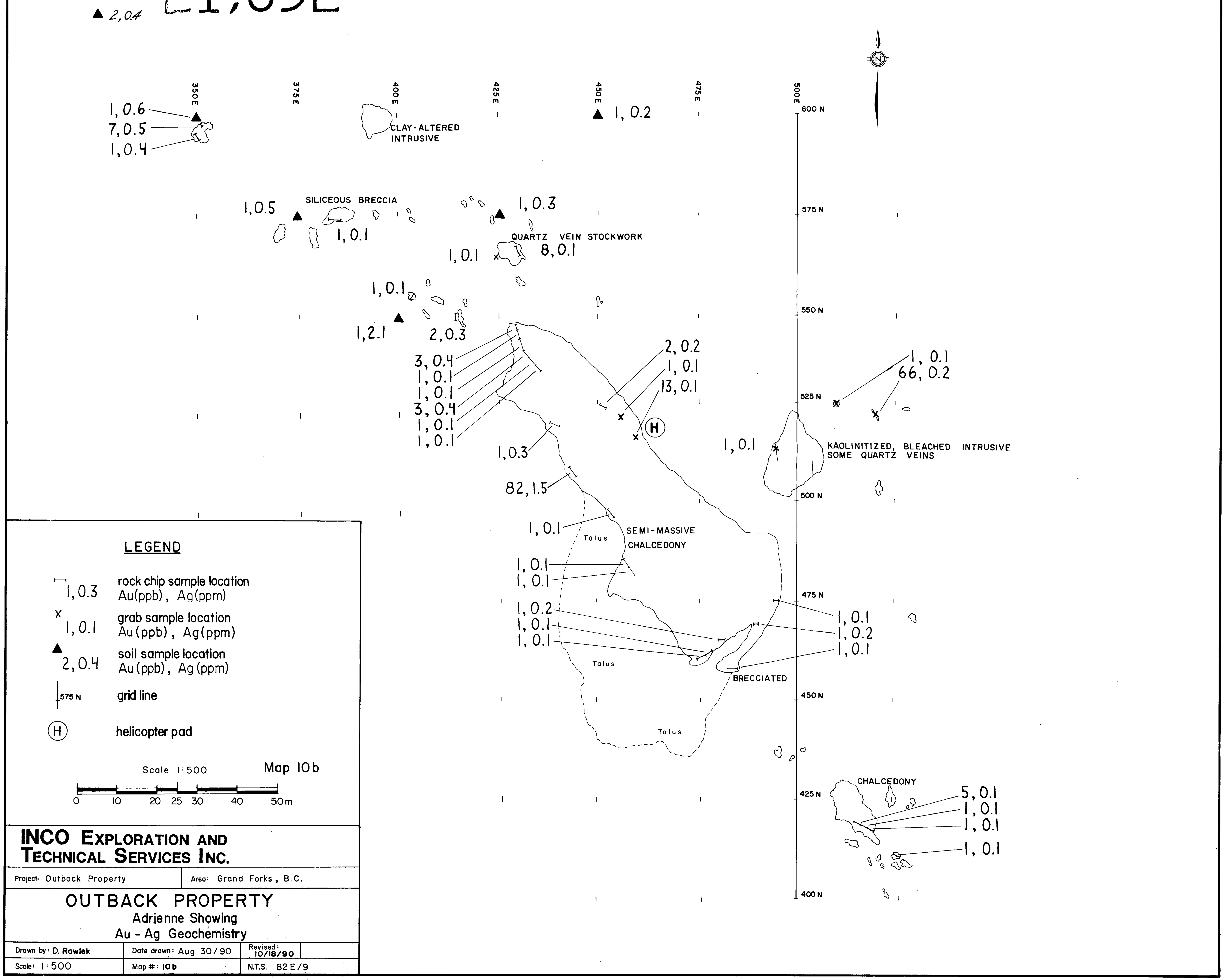
OUTBACK 7
5597
OUTBACK
5596
OUTBACK 3
5591
OUTBACK 4
5592
OUTBACK 2
5548
OUTBACK 5
5593
Granby
River
5000
4500
4000
5500
393000
393500
394000
394500
395000
5507000
5506500
5506000
5505500
5505000
5504500
5504000
5503500
5503000
+ 5506000
+ 5503500
38+00S
41+00S
44+00S
47+00S
50+00S
53+00S
56+00S
59+00S
62+00S
64+25S
63+00S
52+00E
55+00E
56+00E
58+00E
60+00E
GEOLOGICAL BRANCH
ASSESSMENT REPORT
21,032
LEGEND
53+00S Grid Coordinate
395000
+5506000 U.T.M.
Contour lines
Contour interval - 100 feet
Creek
Legal corner posts (LCP)
>150
>100 TO 150
>75 TO 100
>55 TO 75
>33 TO 55
>10 TO 33
0 TO 10
Claims staked by chain and compass
Scale 1:5000
0 100 250 500m
Map 11d
INCO EXPLORATION AND
TECHNICAL SERVICES INC.
Project: Outback Property
Area: Grand Forks, B.C.
OUTBACK PROPERTY
Soil Geochemistry - Copper (ppm)
Drawn by: I. Casidy
Date drawn: Aug 30/90
Revised: 10/15/90
Scale: 1:5000
Map #: 11d
N.T.S. 82E/9

OUTBACK 7
5597
OUTBACK
5596
OUTBACK 3
5591
OUTBACK 4
5592
OUTBACK 2
5548
OUTBACK 5
5593
River
Granby
38+00S
41+00S
44+00S
47+00S
50+00S
53+00S
56+00S
59+00S
62+00S
64+25S
63+00S
52+00E
55+00E
56+00E
58+00E
60+00E
GEOLOGICAL BRANCH
ASSESSMENT REPORT
21,032
LEGEND
53+00S Grid Coordinate
395000
+ 5506000 U.T.M.
Contour lines
Contour interval - 100 feet
Creek
Legal corner posts (LCP)
>1.3
>1.1 TO 1.3
>0.9 TO 1.1
>0.7 TO 0.9
>0.5 TO 0.7
>0.3 TO 0.5
0 TO 0.3
Claims staked by chain and compass
Scale 1:5000
0 100 250 500m
Map 11c
INCO EXPLORATION AND
TECHNICAL SERVICES INC.
Project: Outback Property
Area: Grand Forks, B.C.
OUTBACK PROPERTY
Soil Geochemistry - Silver (ppm)
Drawn by: I. Casidy
Date drawn: Aug 30/90
Revised: 10/16/90
Scale: 1:5000
Map #: 11c
N.T.S. 82E/9


GEOLOGICAL BRANCH
ASSESSMENT REPORT
21,032
99346
350E
375E
400E
425E
450E
475E
500E
600 N
575 N
550 N
525 N
500 N
475 N
450 N
425 N
400 N
99345
45600
45599
99341
99344
45598
99342
45595
45596
45597
99343
45591
45594
45593
45592
45589
45588
45587
45586
45585
45584
45583
45582
45578
45579
45580
45590
45570
45571
45567
45568
45569
KAOLINITIZED, BLEACHED INTRUSIVE
SOME QUARTZ VEINS
SEMI-MASSIVE
CHALCEDONY
Talus
Talus
Talus
45576
45577
45581
45574
45573
45572
45575
LEGEND
45596 rock chip sample location and number
45571 grab sample location and number
99341 soil sample location and number
575N grid line
H helicopter pad
Map 10a
Scale 1:500
0 10 20 25 30 40 50m
INCO EXPLORATION AND TECHNICAL SERVICES INC.
Project: Outback Property
Area: Grand Forks, B.C.
OUTBACK PROPERTY
Adrienne Showing
Soil and Rock Sample Locations
Drawn by: D. Rawlek
Date drawn: Aug 30/90
Revised: 10/18/90
Scale: 1:500
Map #: 10a
N.T.S. 82E/9

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,032



LEGEND

- 1, 0.3 — rock chip sample location Au(ppb), Ag(ppm)
- × 1, 0.1 — grab sample location Au(ppb), Ag(ppm)
- ▲ 2, 0.4 — soil sample location Au(ppb), Ag(ppm)
- 575 N — grid line
- (H) — helicopter pad

Scale 1:500

Map 10b

0 10 20 25 30 40 50m

INCO EXPLORATION AND TECHNICAL SERVICES INC.

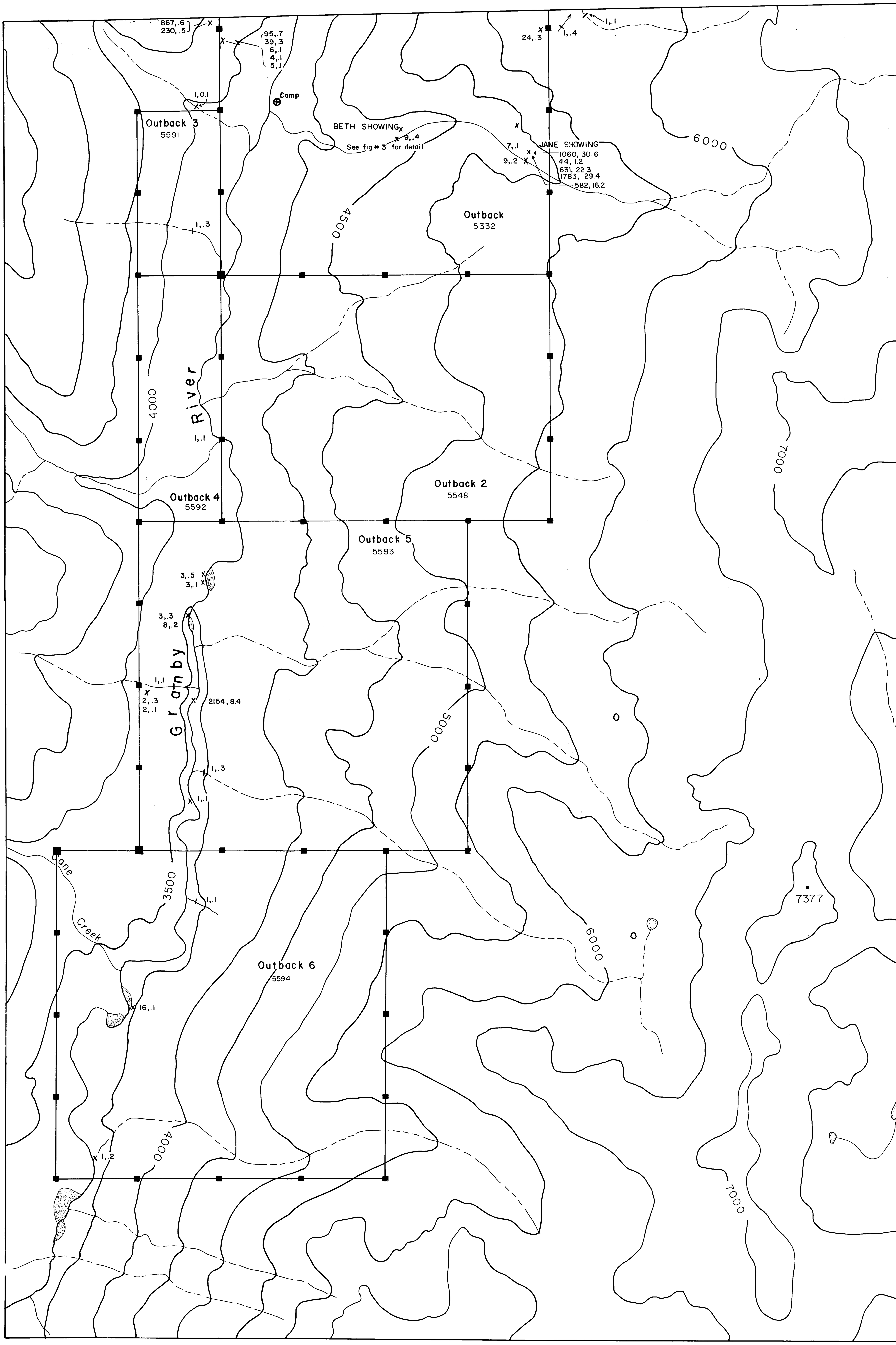
Project: Outback Property | Area: Grand Forks, B.C.

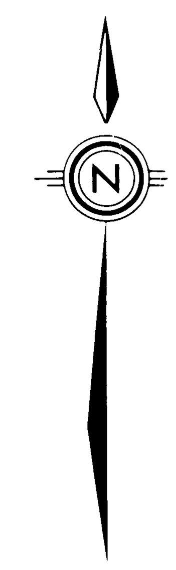
OUTBACK PROPERTY
Adrienne Showing
Au - Ag Geochemistry

Drawn by: D. Rawlek	Date drawn: Aug 30/90	Revised: 10/18/90
Scale: 1:500	Map #: 10b	N.T.S. 82E/9

OUTBACK 7
5597
ADRIENNE SHOWING
See Map 10a,b for detail
LEAH SHOWING
See fig. # 4 for detail
OUTBACK
5596
4000
5000
4500
5500
TARA SHOWING
54
95
39
x 12
6
4
5
1
6950
867
230
56+00E
60+00E
38+00S
55+00E
41+00S
44+00S
47+00S
50+00S
53+00S
56+00S
59+00S
62+00S
64+25S
52+00E
55+00E
58+00E
60+00E
63+00E
River
Granby
Main Camp
247
263
51
245
685
63
36
88
6779, 119.9
123
156
177
327
283
9
234
15
50
54
18
457
42
181
72
52
145
181
2741
80
20
515
285
2285, 150.3
BETH SHOWING
See fig# 3 for detail
JANE SHOWING
1060, 30.6
44,
631, 22.3
1783, 29.4
582, 16.2
OUTBACK 3
5591
12
234
668, 38.4
8
7
242
119
212
534
1
1
42
6
2
6
434
1579
19
35
9032
21
57
12
9
20
25
6
25
21
OUTBACK 4
5592
105
7
19
OUTBACK 2
5548
OUTBACK 5
5593
LEGEND
Claims staked by chain and compass
Grid lines
Contour lines
Contour interval - 100 feet
Creek
Rock sample
Corner and Identification posts (ID)
Legal corner posts (LCP)
582, 16.2 Gold (ppb), Silver (>15.0 ppm)
51 Gold (ppb)
GEOLOGICAL BRANCH ASSESSMENT REPORT
21,032
Scale 1:5000
0
100
250
500m
Map 9
INCO EXPLORATION AND TECHNICAL SERVICES INC.
Project: Outback Property
Area: Grand Forks, B.C.
OUTBACK PROPERTY
ROCK SAMPLES
Au, Ag GEOCHEMISTRY
Drawn by: I. Casidy
Date drawn: Aug 30/90
Revised: 10/19/90
Scale 1:5000
Map #: 9
N.T.S. 82E/9


OUTBACK 7
5595
Adrienne-Showing
see map 10 a,b for detail
Leah Showing
see figure 4a,b for detail
OUTBACK
5332
4000
5000
5500
4500
TARA
SHOWING
49736
47292-300
49730
56+00E
60+00E
49763
38+00S
55+00E
47257
47256
47259
47258
47255
41+00 S
49764
49765
47260
47270
47263
47261
Comp
47262
47253-54
44+00S
47264
47269
River
49769
47265
47266
47267
49752-758
47331
47330
47268
47329
49738-751
47325-28
47324
Beth Showing
see figure 3a,b for detail
RX 46227-231
JANE SHOWING
47+00S
47271
63+00E
OUTBACK 3
5591
52+00E
47272
47274
47273
50+00S
47323
47275
41149
47280-283
47279
47276
47277
47278
53+00 S
49608
47286
47287
47284
49607
47285
49606
49766
-49768
56+00S
49604
49605
Granby
59+00S
49602
49601
49603
OUTBACK 4
5592
47200
47199
62+00S
64+25S
52+00E
47197
47198
55+00E
58+00E
60+00E
OUTBACK 2
5548
OUTBACK 5
5593
LEGEND
Claims staked by chain and compass
Grid lines
Contour lines
Contour interval - 100 feet
Creek
Rock sample
Corner and Identification posts (ID)
Legal corner posts (LCP)
47199 Sample number (prefixed by Rx)
GEOLOGICAL BRANCH
ASSESSMENT REPORT
21,032
Scale 1:5000
0 100 250 500m
Map 8
INCO EXPLORATION AND
TECHNICAL SERVICES INC.
Project: Outback Property
Area: Grand Forks, B.C.
OUTBACK PROPERTY
ROCK SAMPLE LOCATION MAP
Drawn by: I. Casidy
Date drawn: Aug 30/90
Revised: 10/19/90
Scale 1:5000
Map #: 8
N.T.S. 82E/9





GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,032

LEGEND

- Contour lines
- Contour interval - 500'
- Creek
- x Rock sample
- / Silt sample
- ■ Corner and Identification posts (ID)
- ■ Legal corner posts (LCP)
- 3710,3.5 Rock and silt samples in ppb Au and ppm Ag.

Claims staked by chain and compass

Scale 1:10 000

0 100 200 300 400 500 600 700 800 900 1000 m

Map 6

Southern Half Mapsheet

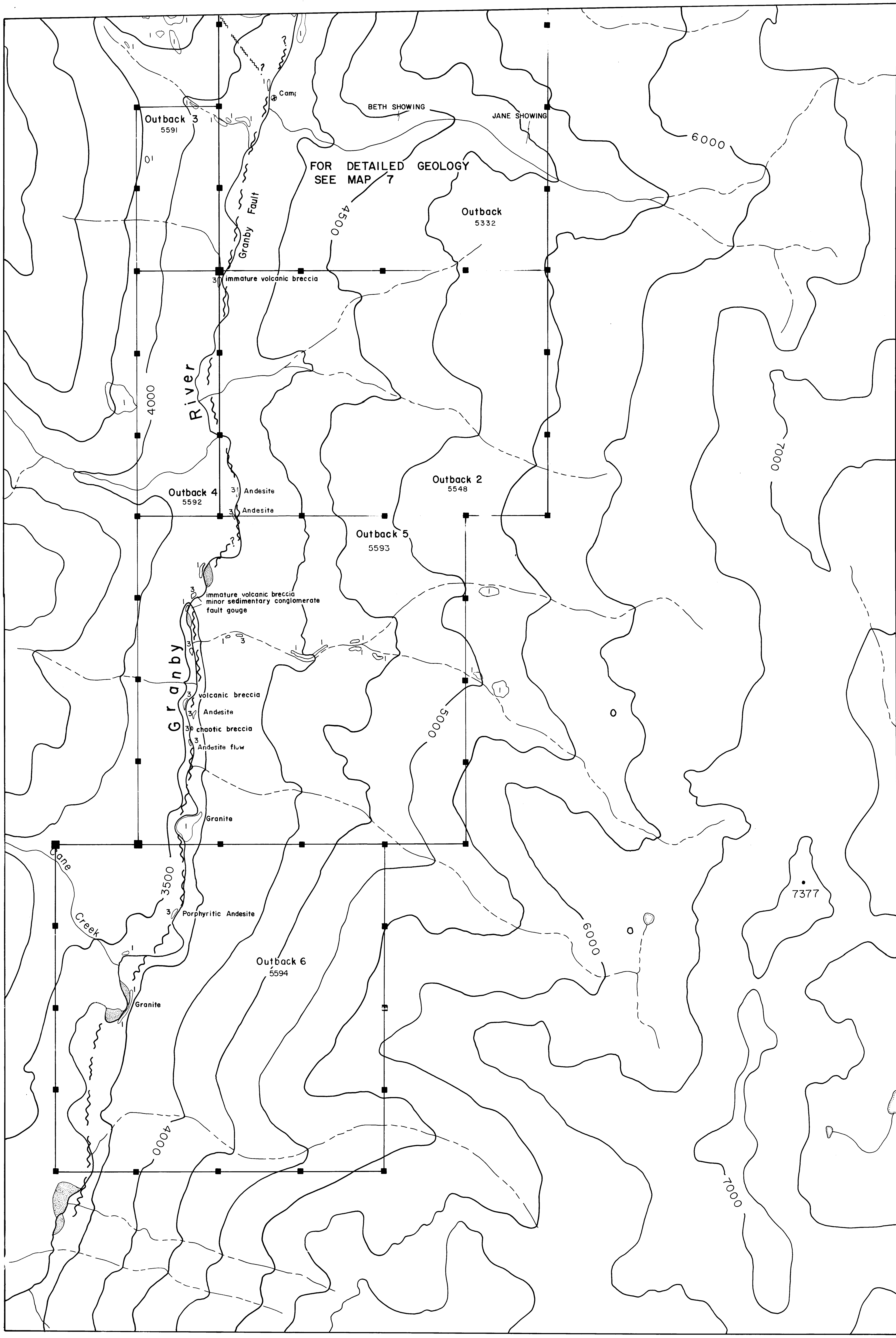
INCO EXPLORATION AND TECHNICAL SERVICES INC.

Project: Outback Property	Area: Grand Forks, B.C.

OUTBACK PROPERTY
SILT AND ROCK - Au, Ag GEOCHEMISTRY

Drawn by: I. Casidy	Date drawn: Aug 30/90	Revised: 10/19/90	
Scale: 1:10 000	Map #: 6	N.T.S. 82E/9	


OUTBACK 7
5595
Adrienne Showing
see map 10a,b for detail
Leah Showing
see fig. 4a,b for detail
OUTBACK
5332
4000
5000
4500
5500
TARA SHOWING
CLIFF FAULT
River
Camp
talus
Beth Showing
see figure 3a,b for detail
JANE SHOWING
OUTBACK 3
5591
Granby Fault
Granby
volcanic conglomerate
breccia
slickensides
OUTBACK 4
5592
OUTBACK 2
5548
OUTBACK 5
5593
56+00E
60+00E
38+00S
55+00E
41+00S
44+00S
47+00S
52+00E
63+00E
50+00S
53+00S
56+00S
59+00S
62+00S
64+25S
55+00E
58+00E
60+00E
GEOLOGICAL BRANCH
ASSESSMENT REPORT
21,032
LEGEND
CRETACEOUS (?)
OKANAGAN BATHOLITH
1 Quartz Monzonite to Granite, unaltered
2 Quartz Monzonite, propyllitized
3 Quartz Monzonite; argillitized, bleached
4 Cataclasite — Quartz Monzonite; foliated
EOCENE
MARRON FORMATION
5 Basalt - Andesite flows, magnetic
6 Dacite; fine-grained grey-green matrix
Outcrop boundary
Fault (inferred)
Geological contact
Legal corner post
Identification post
Contour lines - 100 feet
56+00E Grid lines with coordinates
Creek
Claims staked by chain and compass
Scale 1:5000
0 100 250 500m
Map 7
INCO EXPLORATION AND TECHNICAL SERVICES INC.
Project: Outback Property
Area: Grand Forks, B.C.
OUTBACK PROPERTY
GEOLOGY
Drawn by: I. Casidy
Date drawn: Aug 30/90
Revised: 10/19/90
Scale 1:5000
Map #: 7
N.T.S. 82E/9



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GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,032

LEGEND

CRETACEOUS (?)

OKANAGAN BATHOLITH

1	Quartz Monzonite to Granite; variably propyllitized and/or argillitized, minor fine grained pyrite, magnetite.
2	Biotite - Muscovite Cataclastic Quartz-Monzonite; usually intensely foliated, locally chloritic with fine pyrite.

EOCENE

MARRON FORMATION

3	Basalt - Andesite flows, minor trachyte; massive, locally amygdaloidal, weakly magnetic
4	Dacite to Dacite Lapilli Tuff; fine grained, grey-green colour, usually non-magnetic.

Outcrop boundary
Fault (inferred)
Geological contact
Legal corner post
Identification post
Creek
Contour lines - Interval 500 feet

Claims staked by chain and compass

Scale 1:10 000

0 100 200 300 400 500 600 700 800 900 1000 m

Map 4

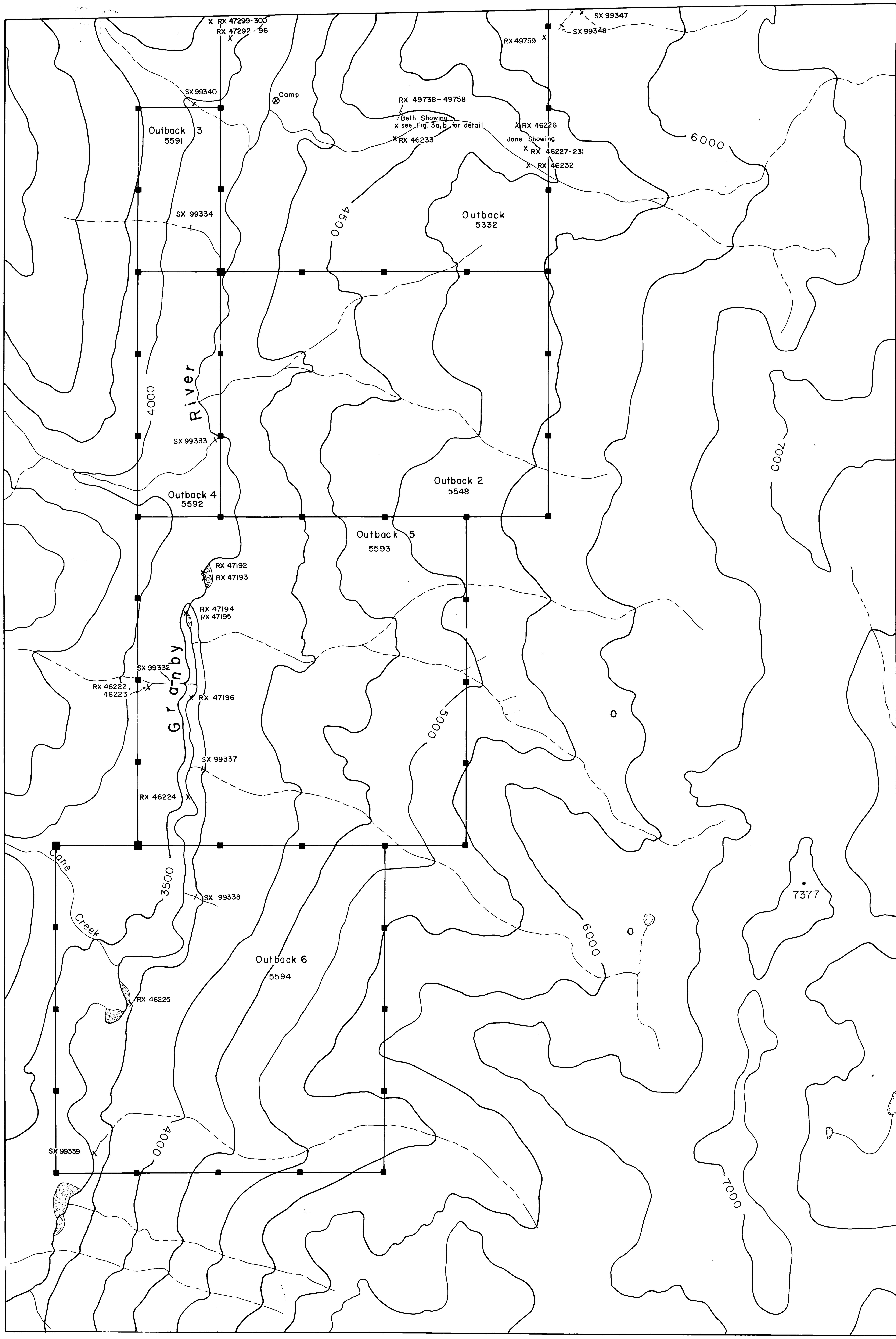
Southern Half Mapsheet

INCO EXPLORATION AND TECHNICAL SERVICES INC.

Project: Outback Property	Area: Grand Forks, B.C.

OUTBACK PROPERTY
GEOLOGY

Drawn by: I. Casidy	Date drawn: Aug 30/90	Revised: 10/17/90
Scale: 1:10 000	Map #: 4	N.T.S. 82E/9



21,032

GEOLOGICAL BRANCH
ASSESSMENT REPORT

LEGEND

Contour lines

Contour interval - 500 feet

Creek

x Rock sample

/ Silt sample

■ Corner and Identification posts (ID)

■ Legal corner posts (LCP)

RX 45993 Sample number (prefixed by Rx) for rock samples

SX 74600 Sample number (prefixed by Sx) for silt samples

Claims staked by chain and compass

Scale 1:10 000

0 100 200 300 400 500 600 700 800 900 1000 m

Map 5

Southern Half Mapsheet

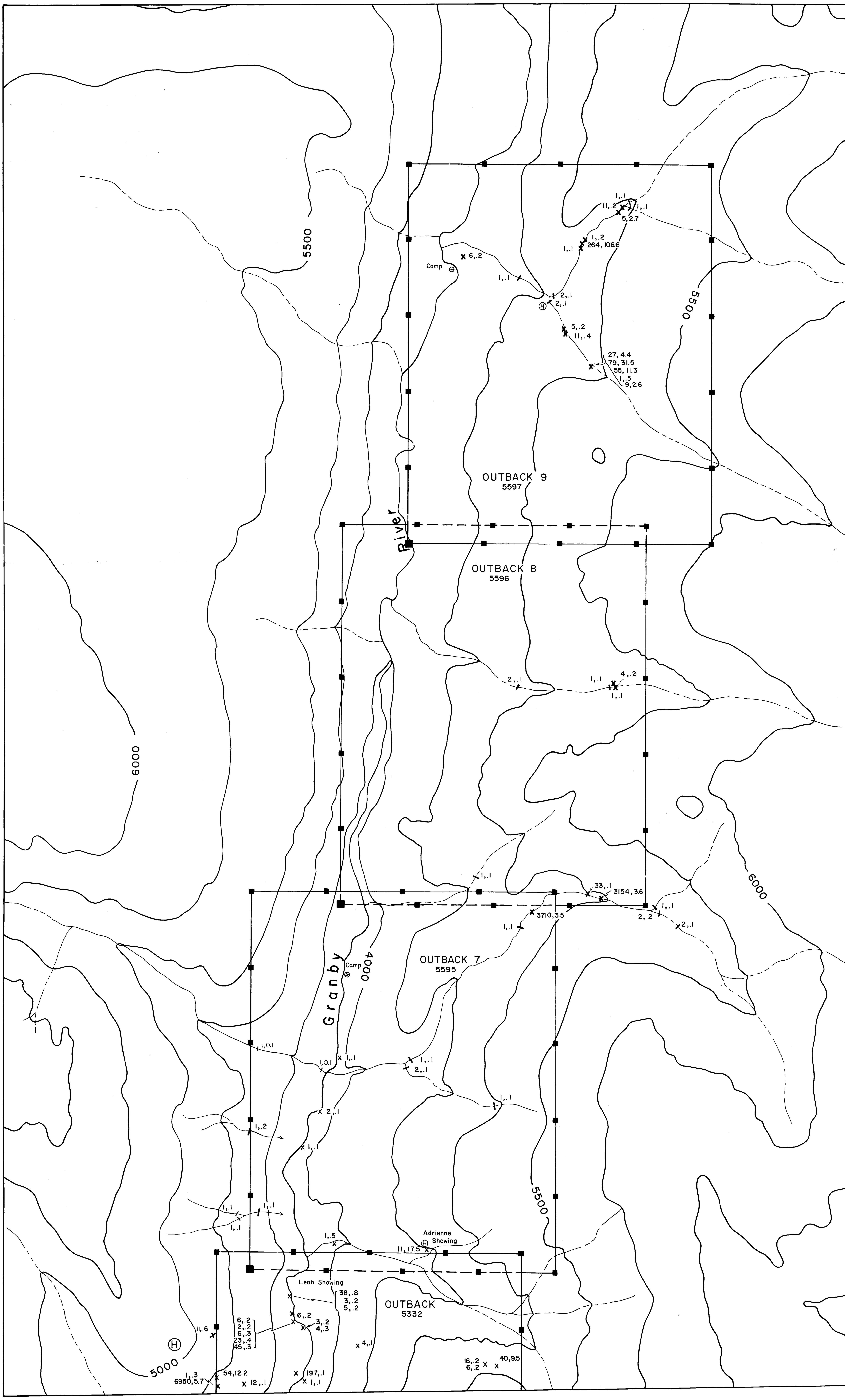
INCO EXPLORATION AND TECHNICAL SERVICES INC.

Project: Outback Property	Area: Grand Forks, B.C.

OUTBACK PROPERTY

SILT AND ROCK SAMPLE LOCATION MAP

Drawn by: I. Casidy	Date drawn: Aug 30/90	Revised: 10/17/90
Scale: 1:10 000	Map #: 5	N.T.S. 82E/9



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,032

LEGEND

- Contour lines
- Contour interval - 500'
- Creek
- x Rock sample
- / Silt sample
- ▪ Corner and Identification posts (ID)
- ■ Legal corner posts (LCP)
- 3710,3.5 Rock and silt samples in ppb Au and ppm Ag.
- (H) Helicopter pad

Claims staked by chain and compass

Scale 1:10 000

0 100 200 300 400 500 600 700 800 900 1000 m

Map 3

Northern Half Mapsheet

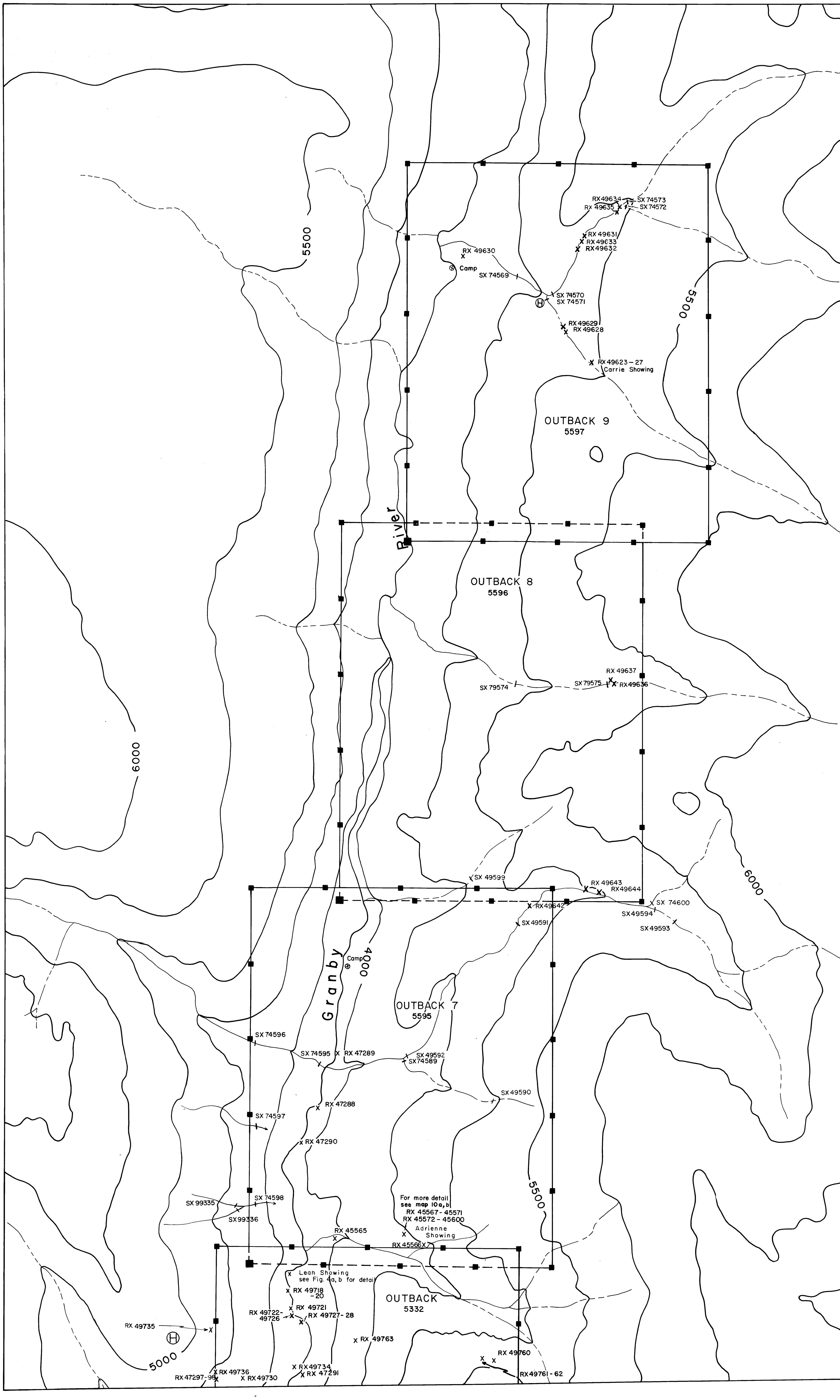
INCO EXPLORATION AND TECHNICAL SERVICES INC.

Project: Outback Property	Area: Grand Forks, B.C.

OUTBACK PROPERTY

SILT AND ROCK - Au, Ag GEOCHEMISTRY

Drawn by: I. Casidy	Date drawn: Aug 30/90	Revised: 10/18/90
Scale: 1:10 000	Map #: 3	N.T.S: 82 E/9,16



GEOLOGICAL BRANCH ASSESSMENT REPORT

21,032

LEGEND

- Contour lines
- Contour interval - 500 feet
- Creek
- x Rock sample
- / Silt sample
- ■ Corner and Identification posts (ID)
- ■ Legal corner posts (LCP)
- RX 45993 Sample number (prefixed by Rx) for rock samples
- SX 74600 Sample number (prefixed by Sx) for silt samples
- Claims staked by chain and compass
- Ⓗ Helicopter pad

Scale 1:10 000

0 100 200 300 400 500 600 700 800 900 1000m

Map 2

Northern Half Mapsheet

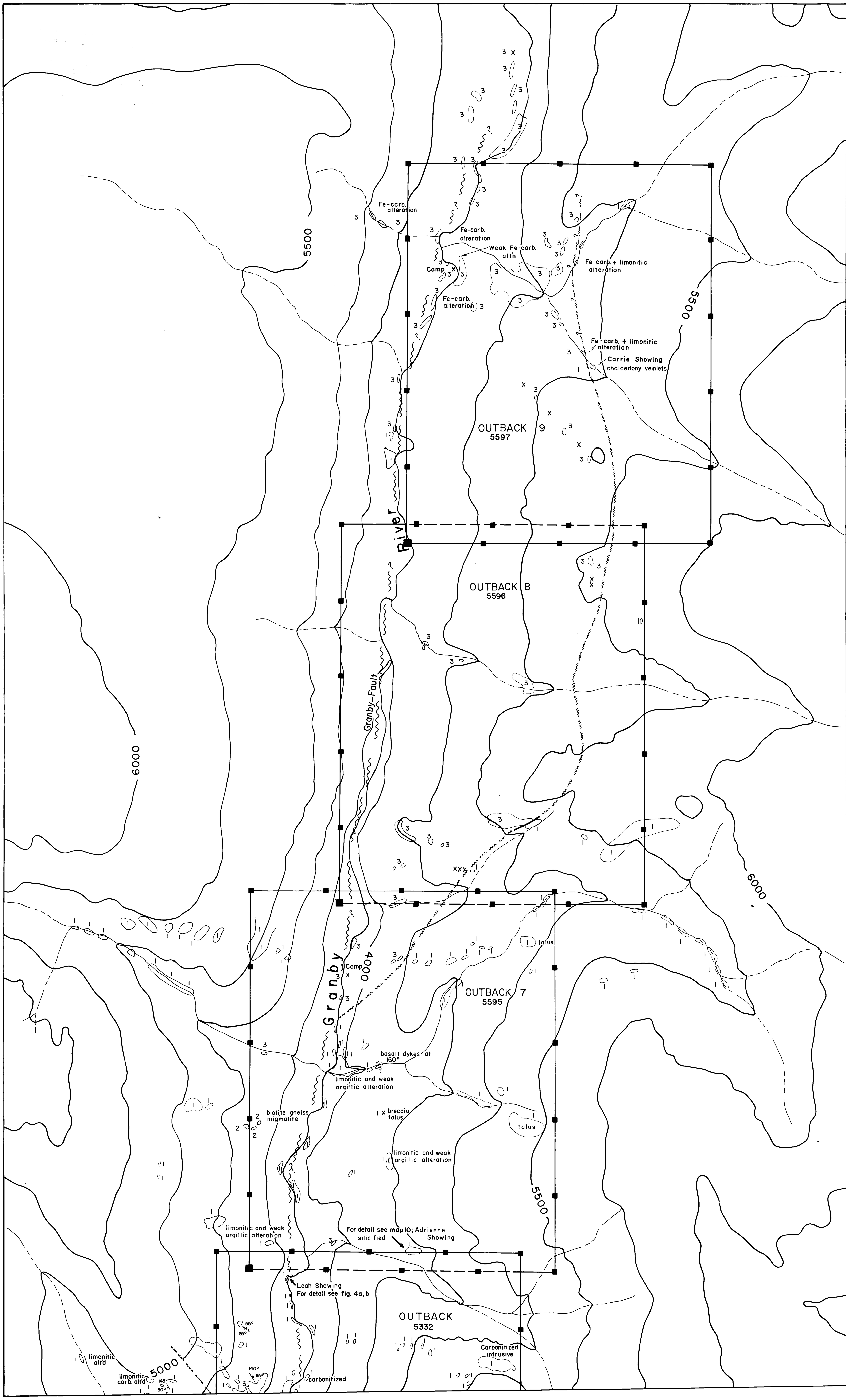
INCO EXPLORATION AND TECHNICAL SERVICES INC.

Project: Outback Property	Area: Grand Forks, B.C.

OUTBACK PROPERTY

ROCK AND SILT SAMPLE LOCATION MAP

Drawn by: I. Casidy	Date drawn: Aug 30/90	Revised: 10/19/90
Scale: 1:10 000	Map #: 2	N.T.S.: 82 E/9,16



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,032

LEGEND

CRETACEOUS (?)

OKANAGAN BATHOLITH

1	Quartz Monzonite to Granite; variably propyllitized and/or argillitized, minor fine grained pyrite, magnetite.
2	Biotite - Muscovite Cataclastic Quartz - Monzonite; usually intensely foliated, locally chloritic with fine pyrite.

EOCENE

MARRON FORMATION

3	Basalt - Andesite flows, minor trachyte; massive, locally amygdaloidal, weakly magnetic
4	Dacite to Dacite Lapilli Tuff; fine grained, grey - green colour, usually non-magnetic.

Outcrop boundary
Fault (inferred)
Geological contact
Legal corner post
Identification post
Creek
Contour lines - Interval 500 feet

Claims staked by chain and compass

Scale 1:10 000

0 100 200 300 400 500 600 700 800 900 1000 m

Map 1

Northern Half Mapsheet

INCO EXPLORATION AND TECHNICAL SERVICES INC.

Project: Outback Property	Area: Grand Forks, B.C.

OUTBACK PROPERTY GEOLOGY

Drawn by: I. Casidy	Date drawn: Aug 30/90	Revised: 10/17/90
Scale: 1:10 000	Map #: 1	N.T.S: 82 E/9,16