GEOLOGICAL ASSESSMENT REPORT

ON THE

FAE PROPERTY

FAE 1-3, TAG 1-4, SAM 2&4 CLAIMS

ATLIN MINING DIVISION

TATSAMENIE LAKE AREA, BRITISH COLUMBIA

NTS 104K/8 & 103J/5

58° 17'N 132° 02'W

PREPARED FOR

TAHLTAN HOLDINGS LTD.

SUITE 13 - 1155 MELVILLE STREET

VANCOUVER, BRITISH COLUMBIA

V6E 4C4

PREPARED BY

STETSON RESOURCE MANAGEMENT CORP.

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MARCH, 1988

SUMMARY

The Fae property comprises nine claims, totalling 148 units, situated in the Atlin mining division in northwestern British Columbia. The nearest communities are Telegraph Creek, 80 air kilometres to the southeast and Dease Lake, 140 air kilometers to the east. The property is situated 80 kilometres east of the Pacific Coast on the lee side of the Coast Range Mountains. The region has a relatively dry climate. Most of the claims lie above the tree line, between 760 and 1950 metres above sea level.

The area presently covered by the Fae claims was initially staked as the Fae claims by Kennco Explorations Limited in 1963 and by Skyline Explorations Ltd. as the Norm claims in 1970. Both companies were interested in porphyry style copper and molybdenum mineralization. The Tag claim area was covered by the Giver-Taker property, one of several gold prospects staked by Chevron in the Tatsamenie Lake area in 1982.

One of Chevron's other properties, the Golden Bear, contains proven and probable reserves of 1.5 million tons grading 0.31 oz. gold per ton in a structurally controlled mesothermal deposit. Chevron and joint venture partner, North American Metals (now held by Homestake Development Co.), plan to put the deposit into production once construction of an all season road is completed to the property.

As a result of a research project, the ground was restaked in 1987 as the Fae property by Tahltan Holdings Ltd. Stetson Resource Management Corp., carried out an exploration program under the direction of the writer in 1987. Approximately $87,500.00 was spent on geological mapping, prospecting, rock chip and soil sampling. A total of 121 talus samples, 198 rock chip samples, and 5 stream sediment samples were collected.

Several zones host gold with or without silver, copper, lead zinc, antimony, arsenic and mercury mineralization in structurally controlled quartz ± carbonate veins and associated alteration zones fitting mesothermal and epithermal descriptions.

A two phase exploration program is recommended to test the economic potential of the Fae Property.

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JCF/ms
GR-0427

1. INTRODUCTION

The geology and economic potential of a precious metal prospect covered by the Fae property held by Tahltan Holdings Ltd. is discussed in this report. The data presented is from an exploration program carried out by Stetson Resource Management Corp. under the direction of the writer and public assessment reports discussing exploration work carried out by previous operators. A two phase exploration program is recommended to test the economic potential of these claims

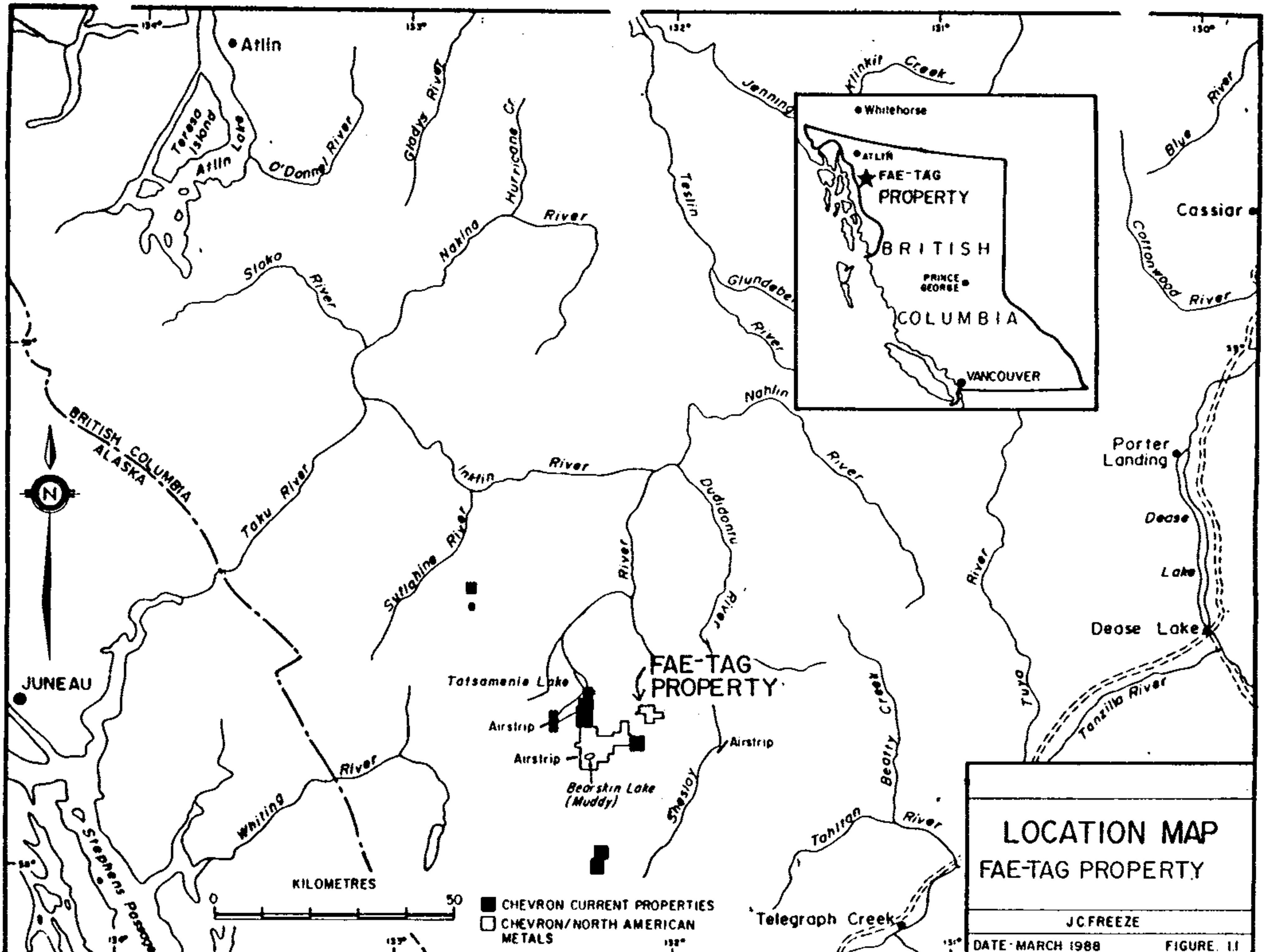
1.1 Location and Access

The Fae property is situated in the Atlin mining division in northwestern British Columbia, approximately 80 kilometres northwest of Telegraph Creek, 140 kilometres west of Dease Lake and 140 kilometres southeast of Atlin. The claim blocks cover a total area of 27.5 square kilometres centred at 58° 17'N and 132° 02' W (Figure 1.1).

The nearest highway to the property area is Highway 114, which extends from Dease Lake to Telegraph Creek. A winter tote road (bulldozer trail) extends 130 kilometres from the highway to Chevron's Golden Bear property, which is 18 kilometres southwest of the Fae property. Construction of an all-weather road is under way to access the Golden Bear property. The new road will come within 2 kilometres of the northwestern corner of the Fae property.

Air access by fixed wing aircraft is available to three gravel landing strips in the area. One on the Sheslay River allows up to DC-3 sized planes; a second at Muddy (Bearskin) Lake handles airplanes up to Caribou size; and a third strip at the western end of Tatsamenie Lake allows airplanes the size of a Cessna 206 to land. Access to Tatsamenie or Little Tats Lake is available by float plane from June until late October and by plane on skis during winter months, except during freezing and break up periods. Helicopters must be used to travel from the lakes or strips to the property. Exploration can be carried out from a camp on the north shore of Little Tats Lake.

Groceries, fuel, lumber and general supplies are available to a limited extent, in Atlin and Dease Lake. The remainder may be trucked from Whitehorse to Atlin or from Terrace to Dease Lake.



LOCATION MAP

FAE-TAG PROPERTY

J.C.FREEZE

DATE · MARCH 1988

FIGURE. 1.1

1.2 Property

The Fae property covers nine contiguous claims comprised of 148 units as listed below. Tahltan Holdings Ltd. holds title to the property by staking or Bill of Sale. Claim locations have been verified by legal (and other) corner posts, and blazed - flagged lines.

Table 1.2
Claim Status

Claim Name	Record No.	Record Date	Expiry Date	No. Units
Fae 1	3054	July 10, 1987	1991	20
Fae 2	3055	July 10, 1987	1991	20
Fae 3	3098	Sept 9, 1987	1991	10
Tag 1	3094	Sept 9, 1987	1991	15
Tag 2	3095	Sept 9, 1987	1991	15
Tag 3	3096	Sept 9, 1987	1991	20
Tag 4	3097	Sept 9, 1987	1991	10
Sam 2	3052	July 10, 1987	1989	18
Sam 4	3053	July 10, 1987	1989	20

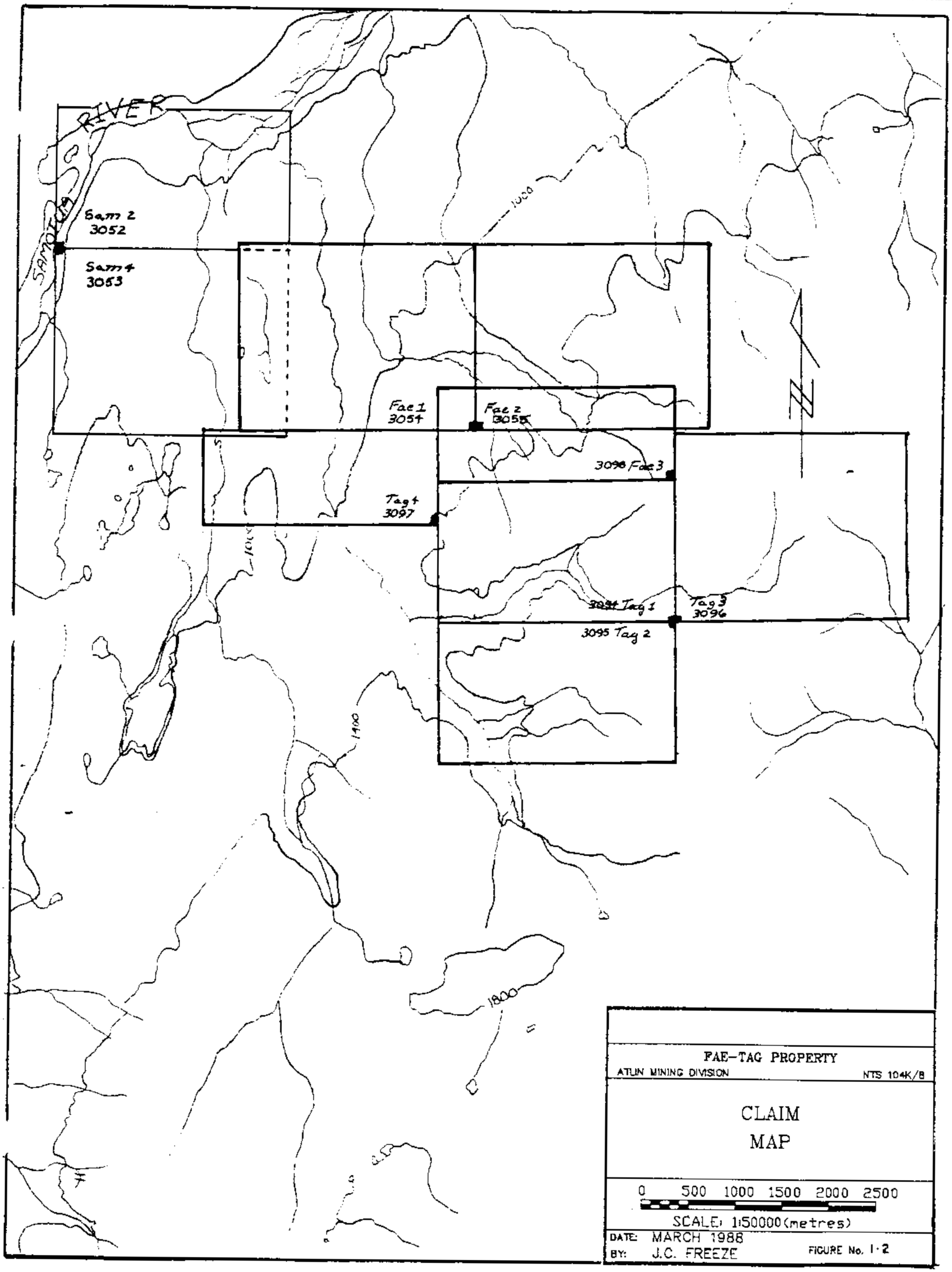
1.3 Physiography, Vegetation and Climate

The claims are situated on the lee side of the Coast Range Mountains, 80 kilometres east of the Pacific Coast. The region has a relatively dry climate; snow cover in winter is moderate; snow, rain and wind storms are common all year round.

The property covers a semi-rugged to sub-alpine terrain. Elevations range from 760 metres (2,500 feet) to 1,950 metres (6,400 feet). Some slopes are fairly steep, but most may be traversed with care.

Vegetation is sparse; treeline is at a elevation of approximately 1,000 metres above which alpine tundra covers the property; shrubs and trees are restricted to valley bottoms. Engelmann spruce, alpine fir, lodgepole pine, white spruce and white bark pine trees characterize the vegetation.

Water and timber resources for exploration and development purposes are available in valleys of creeks flowing northwesterly into the Samotua River. Several tributaries to these main creeks carry sufficient drilling water during most of the year.



FAE–TAG PROPERTY

ATLIN MINING DIVISION NTS 104K/8

CLAIM MAP

0 500 1000 1500 2000 2500

SCALE: 1:50000 (metres)

DATE: MARCH 1988

BY: J.C. FREEZE

FIGURE No. 1·2

1.4 History

The Tatsamenie Lake area was initially explored in the fifties for its porphyry copper potential. Of several copper showings in the area; two have been classified as small porphyry copper type occurrences.

In 1963, Kennco Explorations Limited delineated low grade disseminations of chalcopyrite and molybdenite in silicified fracture zones. These zones occur on the southern margin of a quartz monzonite porphyry intruding Pre-Upper Triassic sediments and volcanics. A copper bearing magnetite rich skarn was also found on the north side of the same intrusive body. Four Fae claims covering these showings were held until 1986.

In 1970 Skyline Explorations Ltd. staked the Norm claims to surround the Fae group and cover any further porphyry style copper and molybdenum mineralization.

Chevron Canada Resources Limited explored the Tatsamenie Lake area for precious metals in 1982. The area now covered by the Tag claims was one of the Chevron properties, called the Giver-Taker, staked to cover an extensive iron carbonate alteration zone.

Several of Chevron's other properties have been developed through to the diamond drilling stage. The most advanced to date is the Golden Bear property on which North American Metals has, under a joint venture agreement with Chevron, developed proven and probable reserves of 1.5 million tons grading 0.31 oz gold per ton. An all season road to the property is currently under construction.

1.5 1987 Exploration Program

The 1987 exploration program was undertaken by geologists, prospectors and field technicians employed by Stetson Resource Management Corp. under the direction of J.C. Freeze of Stillwater Enterprises Ltd. Approximately $87,500.00 was spent on the following surveys which were carried out between August 17 and September 17:

1) Geological mapping was carried out over the center portion of the property at a scale of 1:10,000 and covered 15,000 hectares (see Figures 2.3).

2) Rock chip sampling of quartz and calcite veins, quartz-carbonate stockwork zones, hydrothermal and iron carbonate alteration zones and all pyritic rocks was carried out over the areas mapped (see Figure 3.1). A total of 198 rock chip samples were analysed.

3) Talus sampling was carried out at 25 metre intervals on two contour line crossing the iron carbonate alteration zone on the Tag claims. A total of 121 talus fines and soil samples were collected.

2. GEOLOGY

2.1 Regional Geology

The Tatsamenie Lake area was mapped as part of the Tulsequah map sheet by J.G. Souther of the Geological Survey of Canada in 1971 (Figure 2.1). The oldest unit in the area is a diorite gneiss of unknown age. Permian serpentinite and limestone units are overlain by Pre-Upper Triassic clastic sediments and volcanic rocks. The Permian and Pre-Upper Triassic rocks belong to the Stikine Terrane which is an allochthonous package accreted to the North American craton in latest Triassic to Middle Jurassic time (Monger, 1984). Sedimentary, volcanic and volcaniclastic rocks were deposited on the Stikine Terrane in Triassic to Jurassic time. Four igneous events have intruded these rocks: a Triassic granodiorite; a Jurassic diorite (part of the Coast Complex); a Cretaceous-Tertiary group of rhyolite dykes, and porphyritic feldspar diorite and Late Tertiary-Pleistocene intermediate and felsic extrusive and intrusive rocks.

2.2 Regional Mineralization

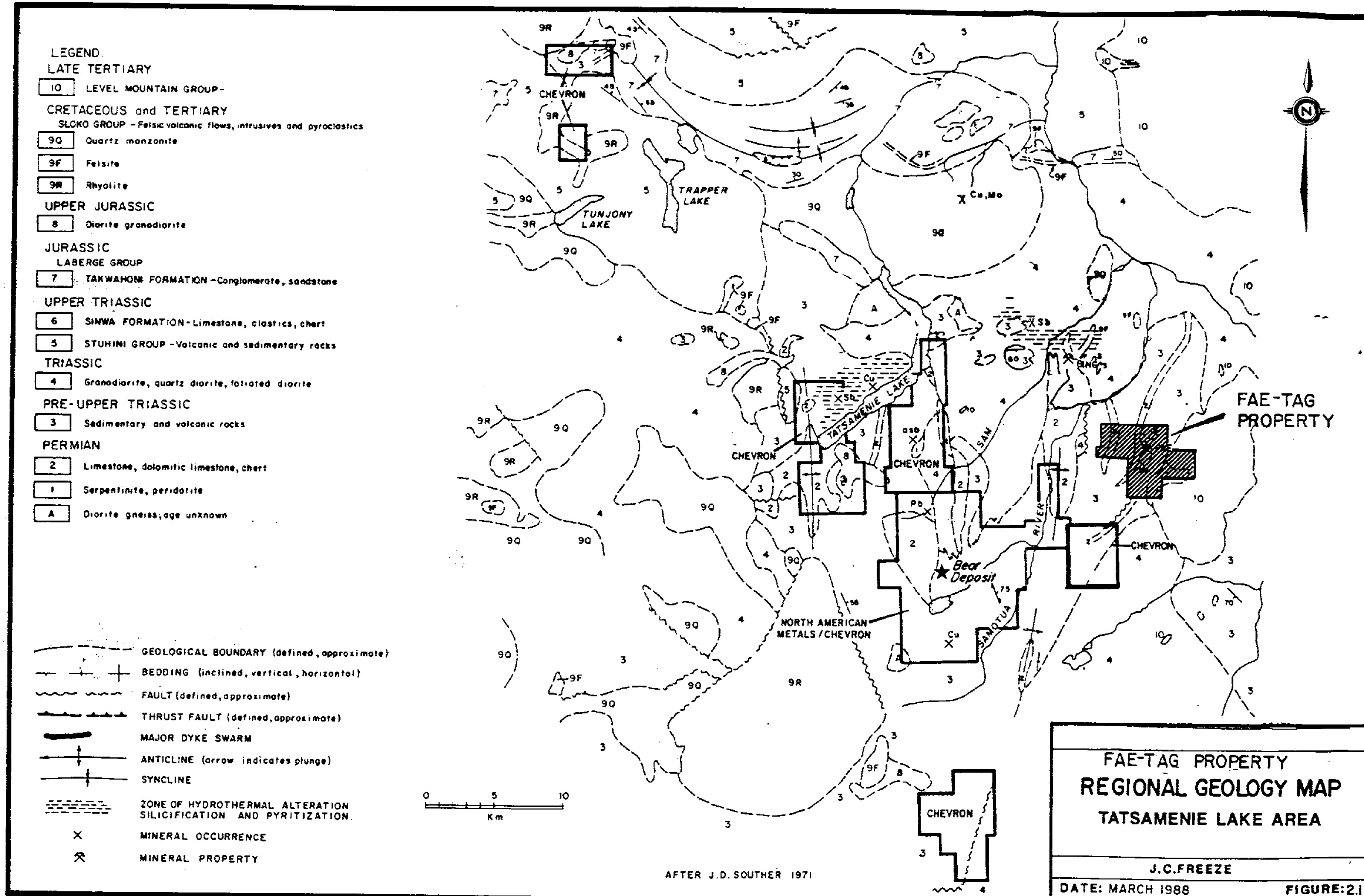
The Stikine Terrane hosts several precious and base metal ore deposits.

In the Iskut area, at the southern end of the terrane, two structurally controlled precious metal deposits have been outlined. Both the Reg property held by Skyline Explorations Ltd. and the Snip property held in joint venture by Cominco Ltd. and Delaware Resource Corp. will be put into production in the near future.

In the Stikine River area two porphyry copper - gold ± molybdenum deposits on Galore Creek and Schaft Creek have been outlined.

In the Stikine Arch area the Red Dog property hosts structurally controlled gold mineralization with associated base metals.

At the northern end of the terrane, in the Taku River area, base and precious metal ore in volcanogenic massive sulphides were produced at the Tulsequah Chief mine and gold ore was produced at the Polaris Taku mine.


LEGEND
LATE TERTIARY
10 LEVEL MOUNTAIN GROUP
CRETACEOUS and TERTIARY
SLOKO GROUP - Felsic volcanic flows, intrusives and pyroclastics
9Q Quartz monzonite
9F Felsite
9R Rhyolite
UPPER JURASSIC
8 Diorite granodiorite
JURASSIC
LABERGE GROUP
7 TAKWAHONI FORMATION - Conglomerate, sandstone
UPPER TRIASSIC
6 SINWA FORMATION - Limestone, clastics, chert
5 STUHINI GROUP - Volcanic and sedimentary rocks
TRIASSIC
4 Granodiorite, quartz diorite, foliated diorite
PRE-UPPER TRIASSIC
3 Sedimentary and volcanic rocks
PERMIAN
2 Limestone, dolomitic limestone, chert
1 Serpentinite, peridotite
A Diorite gneiss, age unknown
GEOLOGICAL BOUNDARY (defined, approximate)
BEDDING (inclined, vertical, horizontal)
FAULT (defined, approximate)
THRUST FAULT (defined, approximate)
MAJOR DYKE SWARM
ANTICLINE (arrow indicates plunge)
SYNCLINE
ZONE OF HYDROTHERMAL ALTERATION SILICIFICATION AND PYRITIZATION
MINERAL OCCURRENCE
MINERAL PROPERTY
0 5 10
Km
AFTER J.D. SOUTHER 1971
CHEVRON
TRAPPER LAKE
TUNJONY LAKE
TATSAMENIE LAKE
SAM
RIVER
SAMOTUA
Bear Deposit
NORTH AMERICAN METALS/CHEVRON
FAE-TAG PROPERTY
BING
N
FAE-TAG PROPERTY
REGIONAL GEOLOGY MAP
TATSAMENIE LAKE AREA
J.C.FREEZE
DATE: MARCH 1988
FIGURE: 2.1

In the Tatsamenie Lake area, centrally located within the Stikine terrane, both porphyry style copper - molybdenum and structurally controlled precious metal mineralization has been found. The most significant precious metal deposit discovered to date is the Bear deposit on the Golden Bear property held by Chevron and North American Metals. The deposit is hosted by an extensive northerly trending structure called the West Wall fault. North trending vertical fault structures between Permian limestone and Pre-Upper Triassic tuff control gold mineralization and associated quartz-carbonate alteration. Both the limestone and the tuff act as hosts to the ore. The gold is commonly associated with disseminations and fracture fillings of fine grained pyrite, predominantly along fault contacts. Accessory minerals include pyrrhotite, arsenopyrite, tetrahedrite and minor galena, sphalerite, chalcopyrite and tellurides. Most of the gold is submicron in size and not visible to the naked eye (Kenway, 1986). The mineralization is considered to fit Lindgren's (1933) mesothermal classification of ore deposits.

The basic model for mineralization in the Bear Deposit comprises:

1) Major structures acting as conduits for mineralizing fluids;

2) A heat source such as intrusive bodies creating hydrothermal convection cells;

3) Structural traps such as folds;

4) Host rocks which are either chemically or physically receptive to deposition of metallic mineralization.

2.3 Property Geology

The Fae property is underlain predominantly by Permian and Pre-Upper Triassic limestone, clastic sediments and volcanic rocks which have been intruded by two igneous events. The first intrusion was a diorite stock in Upper Jurassic time. The second was the Cretaceous and Tertiary Sloko Group of felsic volcanic flows, intrusives and pyroclastics. Jurassic Takwahoni Formation sediments cap the Pre-Upper Triassic package in the southeastern portion of the property. Late Tertiary and Pleistocene Hearts Peak Formation felsic flows and pyroclastic rocks and Level Mountain Group basalt flows cap the older rocks on the east side of the property. (see Figure 2.3).

The Permian Limestone comprises a succession of massive limestone beds, hundreds of feet thick, intercalated with chert, shale and sandstone beds. The limestone is most commonly fine grained and medium grey in colour. Recrystallization occurs near intrusive contacts turning the limestone into a marble. The limestone outcrops in northerly trending elongate bodies on the western portion of the property.

The Pre-Upper Triassic package comprises fine grained, clastic sediments rocks and intercalated andesite volcanic flows and tuffs; chert, jasper, greywacke and limestone. Intense folding and shearing of this package has resulted in the development of slaty cleavage and foliation. Fine grained secondary mica in the sedimentary rocks creates a platy, phyllitic texture and lustrous sheen. The cherts in medium beds; the limestones in beds tens of feet thick. The volcanic rocks have been altered predominantly to a greenstone and chlorite-amphibolite schist.

The Takwahoni sedimentary package comprises predominantly thinly intercalated quartzose sandstone, siltstone and shale. Minor limestone lenses, chert pebble conglomerate and granite boulder conglomerates occur within the sequence. These sediments outcrop on the southeastern portion of the property.

The Post Middle Jurassic intrusive is a fine to medium grained hornblende diorite to quartz monzonite stock. These stocks intrude the Pre-Upper Triassic package in the northeastern portion of the property and both northeast and southwest of Vermillion Ridge.

The Cretaceous-Tertiary Sloko Group intrudes the Permian limestone and Pre-Upper Triassic package as a quartz feldspar porphyry stock on the Fae claims.

At the highest point on the property, the northeast corner, Level Mountain Group basalts cap and are intercalated with Hearts Peak Formation pyroclastics and epiclastics. Basalts also cap Takwahoni sediments in the southeastern portion of the property. The basalts are predominantly fine grained, columnar flows. Vesicles filled with chalcedony amygdules occur near the top of flows. The pyroclastics comprise felsic to intermediate ashflow tuffs and epiclastics comprising clasts of tuffs and Takwahoni sediments.

Pervasive epidote and a yellow-green alteration occurs in the tuffs below the basalts. At the highest basalt-tuff contact a bright orange gossan occurs in extremely weathered material.

2.4 Property Mineralization and Alteration

The most distinct alteration feature on the Fae property is a pervasive iron carbonate alteration zone that weathers to a bright orange colour and appears to be controlled by a northerly striking and westerly dipping structure. The alteration extends from the southwest end of Vermillion Ridge along the ridge to the north across Tag Creek and up Vermillion Tributary. A small iron carbonate alteration zone also occurs in Fae Creek. The Pre-Upper Triassic sediment-volcanic package is the most susceptible unit to this alteration . Quartz-carbonate stockwork often occurs within the pervasive alteration zone. Silicified limestones exposed within this zone may be fault controlled Permian limestone or the Pre-Upper Triassic limestone unit.

Above the headwaters to Vermillion Tributary a bright red gossan occurs at the contact between felsic tuffs and overlying basalt flows. The gossanous material is weathered beyond recognition and no mineralization is visible. However anomalous silver, lead and zinc values were obtained from it.

Silicification is most prominent as a hornfels zone proximal to the intrusive bodies. In addition to the hornfels zones, a distinct east-west zone of cryptocrystalline quartz crosses Fae Creek just north of Chert Peak. The silicified zone comprises brecciated cherts and/or rhyolites healed by chalcedony and quartz, disseminated and massively banded or bedded pyrite, shear zones and complex folding which includes an overturned antiform cored by limestone.

Porphyry style copper and molybdenum mineralization has been known to occur with the Sloko Group quartz-feldspar porphyry stock since the sixties. Quartz stockwork in clay alteration zones within the quartz-feldspar porphyry also host silver and weak gold mineralization.

The siliceous zone crossing Fae Creek hosts gold and silver bearing pyrite in a carbonate altered cherty breccia with fuchsite as well as with chalcopyrite in a silicified limestone in an overturned antiform.

Anomalous gold, silver, antimony and arsenic values occur with blebs of galena, sphalerite and chalcopyrite in iron carbonate altered tuffs in felsenmeer on Fae Ridge south of the east-west siliceous zone.

In the Tag Creek area gold ± silver bearing pyrite is found in: quartz veins with limonite staining; in iron carbonate altered tuffs with quartz lenses; and in graphitic shear zones.

Weak gold mineralization occurs in talus samples throughout much of the pervasive iron carbonate alteration zone.

On the northern end of Vermillion Ridge, within the iron carbonate alteration zone, gold bearing pyrite-arsenopyrite ± galena occurs with weak silver mineralization in: a fuchsitic quartz-carbonate stockwork zone in schists and phyllites; in silicified limestone with sphalerite; and in malachite stained rubble.

3. GEOCHEMISTRY

3.1 Rock Chip Sampling

3.1.1 Sampling, Sample Preparation and Analytical Procedures

Rock chip samples were collected from all outcrops with visible mineralization, boxwork, iron staining or silicification, and from all quartz ± carbonate stockwork veins.

Selected samples were taken where the width of the zone of interest could not be determined. Chip samples were taken at regular intervals (according to the size of the unit) across: the width of lenses and veins; wallrock to beds and veins; and gossanous, siliceous or pyritic zones. A total of 223 rock samples were collected and 198 samples were sent for analysis.

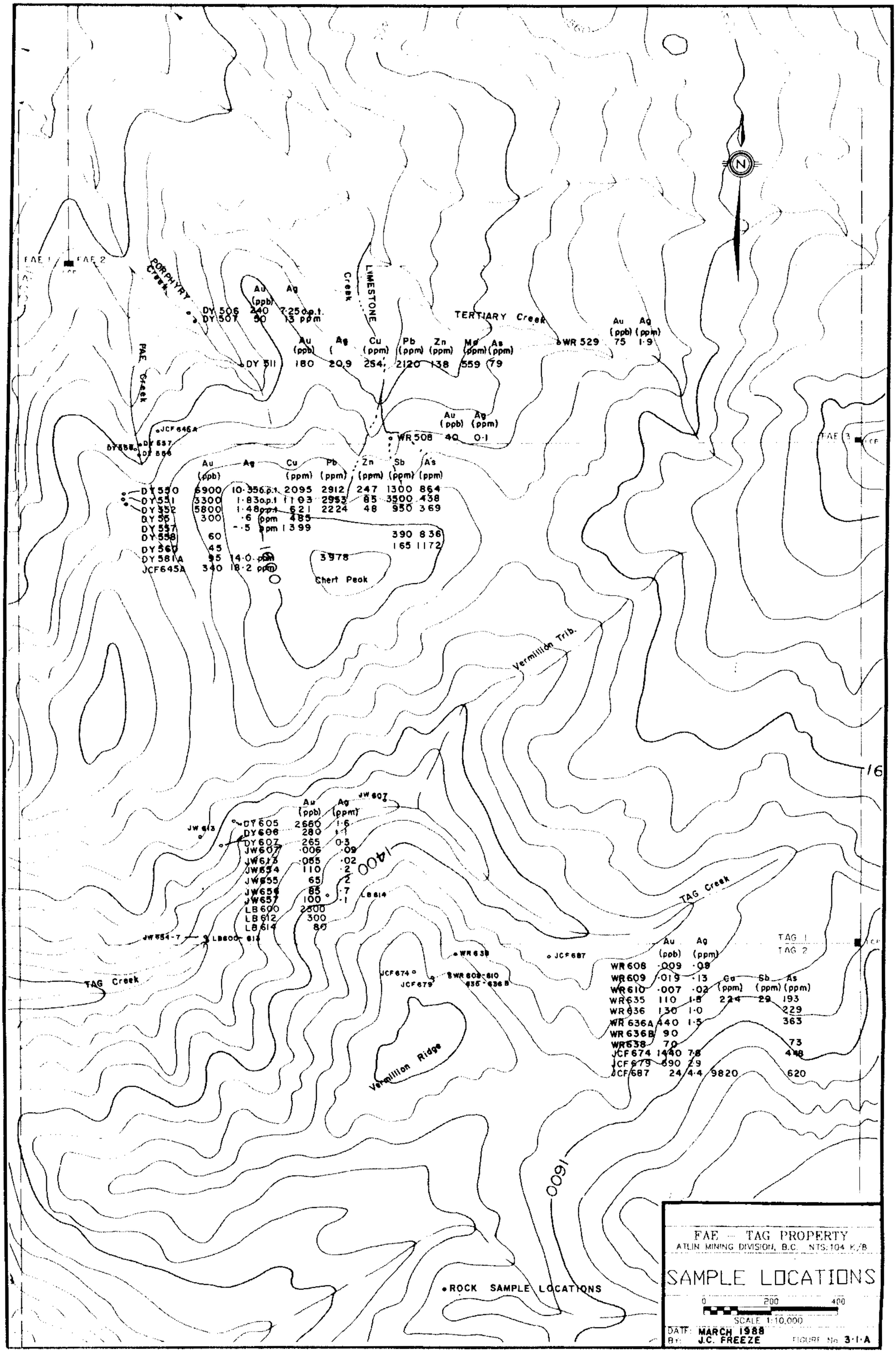
The samples were placed in numbered plastic bags and sent to Bondar-Clegg in Whitehorse, Acme Analytical Laboratories Ltd. in Vancouver and Chemex Labs Ltd. in North Vancouver for analysis. In the laboratory, samples were put through primary and secondary crushers. A sub-sample of approximately 250 gm was then pulverized to minus 100, 140 or 150 mesh. The pulp was then analyzed for gold, silver and other elements according to visible or suspected mineralization (see Appendix I for specifics).

3.1.2 Presentation and Discussion of Results

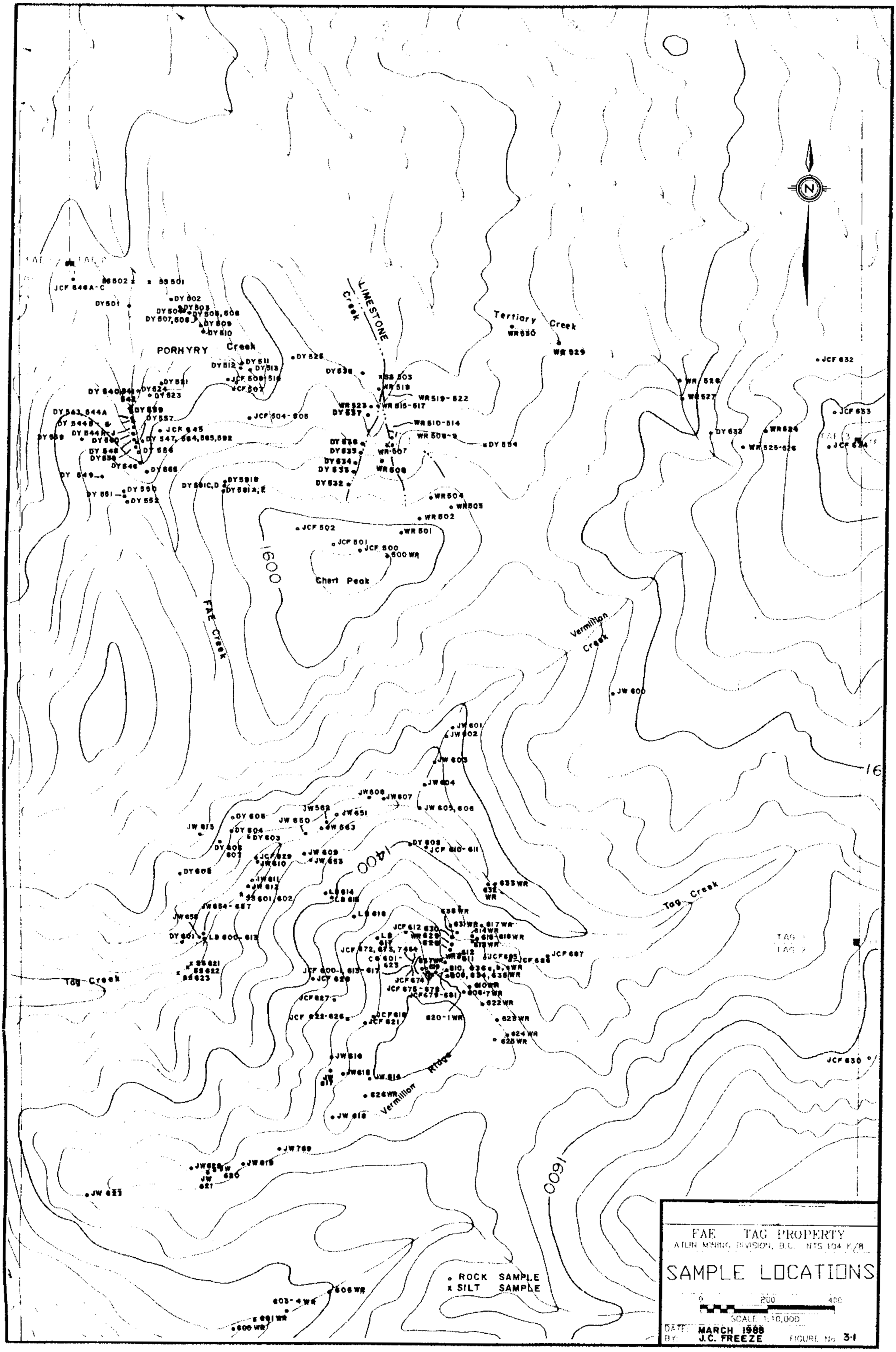
Significant assay results, locations and descriptions of samples are given in Table 3.1. All sample locations are shown on Figure 3.1 and results are in Appendix I.

In Porphyry Creek on the Fae claims quartz stockwork within a clay alteration zone in the quartz feldspar porphyry carries up to 140 ppb gold and 7.25 oz per ton silver over 2.9 metres.

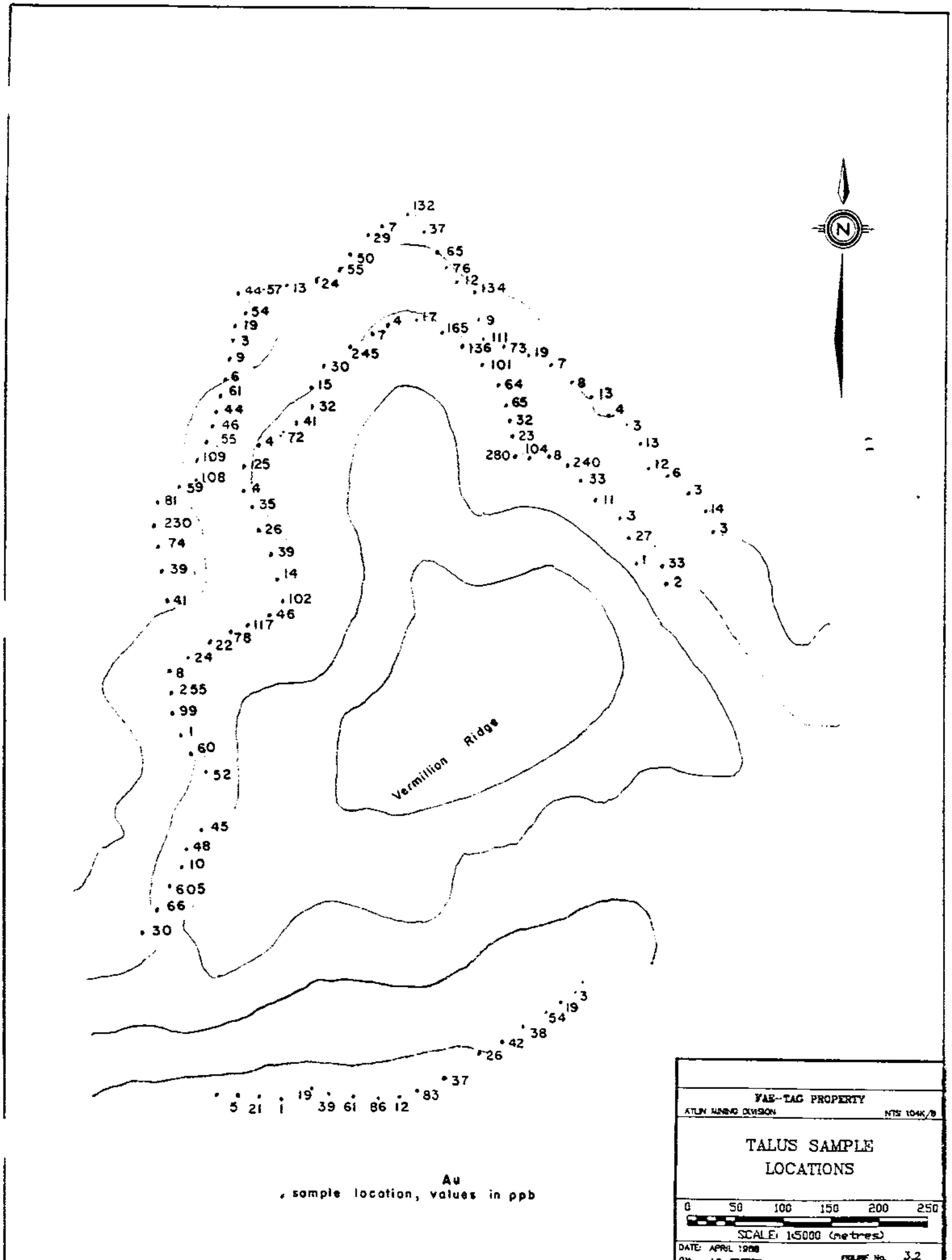
In the siliceous zone on Fae Creek a silicified and dolomitized limestone with pyrite, chalcopyrite and haematite staining contains up to 300 ppb gold with 485 ppm copper across .2 metres. A carbonate altered chert breccia with fuchsite contains 340 ppb gold and 18.2 ppm silver.



FAE 1
FAE 2
PORPHYRY Creek
FAE Creek
LIMESTONE Creek
TERTIARY Creek
Au (ppb) Ag
DY 506 240 7.25 o.p.t.
DY 507 50 13 ppm
Au (ppb) Ag Cu (ppm) Pb (ppm) Zn (ppm) Mo (ppm) As (ppm)
DY 511 180 20.9 254 2120 138 559 79
Au (ppb) Ag (ppm)
WR 529 75 1.9
Au (ppb) Ag (ppm)
WR 508 40 0.1
JCF 645A
DY 557
DY 558
DY 566
Au (ppb) Ag Cu (ppm) Pb (ppm) Zn (ppm) Sb (ppm) As (ppm)
DY550 6900 10.356 o.p.t. 2095 2912 247 1300 864
DY551 3300 1.83 o.p.t. 1103 2953 85 3500 438
DY552 5800 1.48 o.p.t. 621 2224 48 950 369
DY55 300 .6 ppm 485
DY557 -.5 ppm 1399
DY558 60 390 836
DY560 45 165 1172
DY581A 95 14.0 ppm
JCF645A 340 18.2 ppm
3978
Chert Peak
FAE 3
Vermillion Trib.
16
Au (ppb) Ag (ppm)
JW 607
JW 613
DY605 2660 1.6
DY606 280 .1
DY607 265 0.3
JW607 .006 .09
JW613 .085 .02
JW654 110 .2
JW655 65 .2
JW656 85 .7
JW657 100 .1
LB600 2300
LB612 300
LB614 80
1400
LB 614
JW 654-7
LB600-614
TAG Creek
TAG Creek
WR 638
JCF 687
JCF 674
JCF 679
WR 608-610
635-636B
TAG 1
TAG 2
Au (ppb) Ag (ppm) Cu (ppm) Sb (ppm) As (ppm)
WR608 .009 .08
WR609 .019 .13
WR610 .007 .02
WR635 110 1.8 224 29 193
WR636 130 1.0 229
WR 636A 440 1.5 363
WR 636B 90
WR638 70 73
JCF674 1440 7.8 448
JCF679 690 2.9
JCF687 24 4.4 9820 620
Vermillion Ridge
1600
• ROCK SAMPLE LOCATIONS
FAE – TAG PROPERTY
ATLIN MINING DIVISION, B.C. NTS:104 K/8
SAMPLE LOCATIONS
0 200 400
SCALE 1:10,000
DATE: MARCH 1988
BY: J.C. FREEZE
FIGURE No. 3·1·A



FAE TAG PROPERTY
ATLIN MINING DIVISION, B.C. NTS 104 K/8
SAMPLE LOCATIONS
o ROCK SAMPLE
x SILT SAMPLE
0 200 400
SCALE 1:10,000
DATE: MARCH 1988
BY: J.C. FREEZE
FIGURE No. 3-1
PORHYRY Creek
LIMESTONE Creek
Tertiary Creek
Chert Peak
FAE Creek
Vermillion Creek
Tag Creek
Vermillion Ridge
1600
1400



N
Vermillion Ridge
132
7
29
37
65
50
55
76
12
134
44-57
13
24
54
19
3
9
6
61
44
46
55
109
108
59
81
230
74
39
41
4
17
7
165
9
111
245
136
73
19
30
101
7
15
64
8
13
32
65
4
41
32
3
72
23
13
4
280
104
8
240
125
33
12
6
4
35
11
3
14
3
26
27
3
39
1
33
14
2
102
46
117
78
22
24
8
255
99
1
60
52
45
48
10
605
66
30
3
19
54
38
42
26
37
83
19
5
21
1
39
61
86
12
Au
. sample location, values in ppb
FAE-TAG PROPERTY
ATLIN MINING DIVISION
NTS 104K/8
TALUS SAMPLE LOCATIONS
0 50 100 150 200 250
SCALE: 1:5000 (metres)
DATE: APRIL 1988
BY: J.C. FREEZE
FIGURE No. 3.2

Above this zone a .15m wide galena and tetrahedrite bearing quartz vein in an iron carbonate alteration zone contains 6900 ppb gold, 10.35 oz. per ton silver, 2095 ppm copper, 2912 ppm zone, 257 ppm antimony, 1399 ppb mercury and 865 ppm arsenic.

On the north slope of Tag Creek, a quartz vein and a black carbonate vein within a quartz-carbonate stockwork zone contain 0.55 oz. gold per ton and 2650 ppb (0.77 oz. per ton) gold over .15 metres and .10 metres, respectively. In Tag Creek below the latter zone, a gouge zone within sheared tuffs, carries 2300 ppb (0.67 oz. per ton) gold over 1.5 m.

Talus samples across the iron carbonate alteration average 40 ppb gold and often exceed 100 ppb gold. At the north end of Vermillion Ridge a fuschsitic quartz-carbonate stockwork zone with disseminated pyrite and arsenopyrite contains 1440 ppb gold, 7.8 ppm silver, 305 ppm lead and 488 ppm arsenic. Below this to the east a pyritic silicified limestone pod contains up to .019 oz. gold per ton, 0.13 oz. silver per ton and 3634 ppm arsenic. A total of 121 talus samples were collected.

3.2 <u>Stream Sediment Sampling</u>

3.2.1 Sampling

Five stream sediment samples were collected from Tag Creek. Approximately 300 gm of fine sand to clay-sized material was sampled by hand and placed in numbered Kraft envelopes. The samples were sent to Bondar-Clegg in Whitehorse for analysis.

3.2.2 Sample Preparation and Analytical Procedure

The samples were oven-dried and sieved to minus 80 mesh. A 10 gram subsample was preconcentrated by fire assay and analyzed for gold by atomic absorption.

3.2.3 Results

Only one sample contains slightly anomalous gold concentrations (20 ppb). Sampling of fine materials in the stream bed has not been very successful in delineating the fine grained gold mineralization in the Tatsamenie area and is not recommended as an efficient exploration tool in this area (Chevron and North American Metals, Pers. Comm.).

CONCLUSIONS

Gold ± silver with occasional chalcopyrite, galena, sphalerite, molybdenum, arsenopyrite and mercury mineralization occurs in several zones on the property. The sulphides occur in quartz ± carbonate vein structures and in the surrounding stockwork and alteration halos, in silicified limestones, in shear zones and in siliceous breccias.

These mineralized structures occur predominantly in the Permian limestone and Pre-Upper Triassic sediment-volcanic package.

Comparing the mineralization discovered on the Fae property to the most economically significant property in the Tatsamenie Lake area, the following observations can be made:

Bear Deposit Model

1) Major structures acting as conduits for mineralizing fluids;

2) A heat source such as intrusive bodies creating hydrothermal convection cells fundamental to both mesothermal and epithermal ore bodies.

3) Structural traps;

4) Host rocks such as limestone and tuffs, that are either chemically or physically receptive to deposition of mineralization.

Fae Observations

1) The Vermillion Ridge iron carbonate alteration zone appears to be controlled by a major northerly striking and westerly dipping structure as evidenced by the outcrop pattern. Anomalous gold values occur in several veins and stockwork zones as well as in the talus covering much of this zone. The Fae Creek gold bearing siliceous zone appears to be controlled by an east-west structure.

2) Both Tertiary Sloko Group and Post Middle Jurassic stocks intrude the Permian and the Pre-Upper Triassic package which host gold mineralization. These intrusive bodies and a deeper seated batholith may have provided the heat source necessary to create hydrothermal convection cells.

3) No structural traps have been identified yet but folding occurs in the sediments in Fae Creek.

4) On the Fae property limestone and tuff units similar to those in the Bear deposit host the mineralized structures.

As in the Bear deposit most of the mineralization on the Fae property fits Lindgren's (1933) mesothermal model for ore deposits. Quartz ± carbonate hosting pyrite, chalcopyrite, arsenopyrite, galena, sphalerite, and tetrehedrite mineralization in veins and associated alteration halos are described by Lindgren (1933) as mesothermal ore deposits. Where the mineralization comprises fewer base metals and an increase in mercury and antimony in cryptocrystalline quartz breccias it fits Lindgren's epithermal model. Both deposits form in similar systems; mesothermal ore forms at intermediate depths under high pressures and intermediate temperatures while epithermal ore forms near surface at low pressures and temperatures. In both cases intrusive bodies are important as heat sources for mineralizing fluids. Both produce a large proportion of the worlds gold and silver ore.

In conclusion, the Fae property is believed to have excellent potential for hosting an economic mineral deposit.

Respectfully Submitted,
STETSON RESOURCE MANAGEMENT CORP.

W.J. DYNES, Prospector

J. F. WETHERILL, B.A.Sc.

W. ROBB, B.Sc.

J.C. FREEZE, F.G.A.C.
STILLWATER ENTERPRISES LTD.

GEOLOGICAL ASSOCIATION OF CANADA
J.C. FREEZE
FELLOW

RECOMMENDATIONS

Based on the conclusions stated, the following two phased exploration program is recommended. The decision to proceed with Phase II is contingent upon favourable results from Phase I.

Phase I

1) Detailed mapping and rock chip sampling of mineralized zones discovered to date. Both the strike and width extent of these zones should be investigated. Investigations should be prioritized as follows:

   a) Fae Ridge Iron-Carbonate Zone;

   b) Tag Creek Iron-Carbonate Zone;

   c) Northern end of Vermillion Ridge;

   d) Fae Creek Siliceous Zone;

   e) Basalt Peak Gossan.

2) Geophysical Surveys: Magnetic and Electromagnetic Surveys should be carried out over mineralized zones to delineate structural controls. Investigations should be prioritized as in Step 1.

3) Soil sampling should be carried out over the strike extension of all mineralized zones where they are covered by soil.

4) Prospecting should be carried out on portions of the property unexplored to date.

Phase II

Diamond drilling should be carried out on the best targets outlined by Phase I. Favorable structures should be tested for both strike and depth extents.

COST STATEMENT

Project Preparation:

Printing		$ 54.16
Maps		612.63
Drafting		373.95
Personnel:		
J.C. Freeze	2 man days @ $300/day	600.00
J.F. Wetherill	10.5 man days @ $225/day	2,362.50
		===========
		$ 4,003.25

Field Personnel:

Geologists:			
J.C. Freeze	12.5 man days @ $300/day		$ 3,750.00
J.F. Wetherill	8 man days @ $225/day		1,800.00
W. Robb	14 man days @ $225/day		3,150.00
Prospectors:			
W.J. Dynes	11 man days @ $225/day		2,475.00
R. Prois	8 man days @ $200/day		1,600.00
Field Technicians:			
M. Pym	13 man days @ $200/day		2,600.00
C. Gjendem	9 man days @ $175/day		1,575.00
A. Wardwell	11 man days @ $175/day		1,925.00
L. Beaudin	7 man days @ $175/day		1,225.00
G. Heynen	8 man days @ $175/day		1,400.00
Cook and First Aid Attendant:			
W. Elliot	12 man days @ $200/day		2,400.00
			===========
		Total:	**$ 23,900.00**

Support:

Mobilization/Demobilization		
Truck Rental		$ 269.51
Freight		396.62
Fixed Wing		2,214.53
Flights		3,114.32
		===========
	Total:	$ 5,994.98

Camp:			
Room	112 man days @ $25.00/manday	$	2,800.00
Groceries	112 man days @ $21.77/manday		2,438.24
Grocery Flights	112 man days @ $ 5.02/manday		562.24
Motel Accommodation			185.36
Restaurant Meals			331.30
Equipment Rental:			
Generator	112 man days @ $2.77/manday	$	310.24
Chainsaw	112 man days @ $3.34/manday		374.08
Communications:			
SBX-11-Rental	112 man days @ $1.22/manday		136.64
Parts	112 man days @ $1.84/manday		206.08
Walkie Talkies	112 man days @ $3.23/manday		361.76
Long Distance			354.70
Expediting	112 man days @ $10.95/manday		1,226.40
	Total:	$	9,287.04

Supplies	$ 5,479.50
Assays	$ 6,003.03

Transportation:

Helicopter & Fuel - 35.96 hours @ $591.9/hour		$21,284.72
Fuel Flights		1,663.71
Courier & Taxis		442.63
	Total:	$ 23,391.06
	Sub Total	$ 78,058.86
	12% Overhead Administration:	$ 9,367.06
	TOTAL COSTS	$ 87,425.92

REFERENCES

FREEZE, J.C., May 1987 — Report on the Northern Gold Project, Atlin Mining Division for Lightning Creek Mines Ltd. and Dia Met Minerals Ltd.

FREEZE, J. C., Feb. 1988 — Report on the Vine Property, Atlin Mining Division for Waterford Resources Ltd.

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SEVENSMA, P.H., 1972 — Geological and Geochemical Report for Skyline Explorations Ltd., Norm Group.

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THICK, M., and WALTON, G., 1983 — Assessment Report Geological and Geochemical Survey, Iver Group, Atlin Mining Division.

WALTON, G., 1984 — Assessment Report Geological, Geochemical Surveys, Giver, Taker claims, Atlin Mining Division.

STATEMENT OF QUALIFICATIONS

NAME:	Freeze, J.C., (nee Ridley), F.G.A.C.
PROFESSION:	Consulting Geologist
EDUCATION:	1981 B. Sc. Geology - University of British Columbia 1978 B.A. Geography - University of Western Ontario
PROFESSIONAL ASSOCIATIONS:	Fellow of the Geological Association of Canada
EXPERIENCE:	1987 - Present: Consulting Geologist with Stillwater Enterprises Ltd. Directing exploration programs and reviewing properties in Canada and U.S.A. 1985 - 1986: Project Coordinator - Geologist with White Geophysical Inc. Coordinating mineral exploration projects involving geology, geochemistry, geophysics and diamond drilling in B.C. and Yukon. 1981 - 1985: Project Geologist with Mark Management Ltd. Hughes-Lang Group. Responsible for precious metals exploration programs involving geology, geochmistry, geophysics and diamond drilling in Western Canada. 1979 - 1981: Summer and part-time Geologist involved with coal exploration in N.E. B.C. with Utah Mines Ltd.

STATEMENT OF QUALIFICATIONS

NAME:	Wetherill, J. F.
PROFESSION:	Geologist - Engineer in Training
EDUCATION:	1987 B.A.Sc. Geology - University of British Columbia
EXPERIENCE:	1987 - Present: Geologist with Stetson Resource Management Corp. Field Supervisor for exploration programs involving geology, geochemistry, and geophysics in B.C. and Yukon.
	1986, June - August: Field Assistant - Geologist involved with geological, geochemical and geophysical aspects of exploration programs in B.C.

STATEMENT OF QUALIFICATIONS

NAME:	Robb, W.D.
PROFESSION:	Geologist
EDUCATION:	1987 B.Sc. Geology - University of British Columbia
EXPERIENCE:	1987 - Present: Geologist with Stetson Resource Management Corp. Field Supervisor for exploration programs involving geology, geochemistry, and geophysics in B.C. and Yukon.
	1986, June - August: Field Assistant - Geologist involved with geological, geochemical and geophysical aspects of exploration programs in B.C.
	1978 to 1982: Land Surveyor with Canadian National Railways, Edmonton, Alberta; British Columbia Railways, Tumbler Ridge; and Hargraves and Associates, Vancouver, B.C.

APPENDIX I

Rock Geochemistry Results

TABLE 3.1
Rock Sample Descriptions and Results

FAE CLAIMS

Samp No.	Location	Rock Type With Mineralization	Width	Attd	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	As ppm
DY506	Porphyry Creek	Qz fldspr prphry-cly alt w/Qz stkwrk	2.9m		240	7.25 opt					
DY507	"	"	8m		50	13 ppm					
DY511	"	Qz fldspr porphry-cly alt & shr'd-Qz vnlts	8m		180	20.9	254	2120	138	Mo ppm 559	79
DY550	Fae Ridge	Fe Cb-Qz Vn-Ga bnd-Te	.15m	Fls nmr	6900	opt 10.35	2095	Hg ppb 1300	2912	247	864
DY531	"	Fe-Cb-Qz (Cryptxln)-Ga Orng wthrng	.15m	"	3300	1.83	1103	3500	2953	85	438
DY552	"	Qz-Cryptxln-Sp	.10m		5800	1.98	621	950	2224	48	369
DY555	Fae Creek	Lmstn-Gry Su-He-Py	.2m	<u>130</u> 45N	300	.6	485				
DY556	"	"			80	-.5	1399				
DY558	"	Chrt-Blk-Py-He & Ja	.15m	<u>130</u>	60			390			836
DY560	"	Qz Vn-Brx w/Su	slct	<u>040</u> 90	45			165			1172
DY581 A	Chert	Fe Cb Vn w/Ga, Sp, Cp, grnstn			95	14.0			3978		
WR508	Lmstn Ck	Slcfc Lmstn Py Qz fldng	±.2m	<u>155</u> 42W	40	0.1					
WR529	Tert Crk	Epiclastic tuff Py blebs-K alt			75	1.9					

TAG CLAIMS

Samp No.	Location	Rock Type With Mineralization	Width	Attd	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	As ppm
JCF645	"	Fuchsite in Cb alt Chrt brx			340	18.2					
DY605	Tag Crk	Cb Vn wht & blk Py	±.1m	098 80N	2650	1.6					
DY606	"	Cb stkwrk blk w/sulph Cb	slct	talus	280	<0.1					
DY607	"	Cb alt phlt w/ blk Cb vnlts Cb	.06m		265	0.3					
JCF679	Verm Ridge WR636	Si brx Py>1%			590	2.9					
JCF674	Verm Ridge	Qz-Cb stkwk w/ Fu	slct		1440	7.8		305			488
[illegible]F687		Cu stn rbl			24	4.4	9920				620
JW607	Tag Crk	Brx Vis Su's Qz-Cb	slct	065 80S	.006	.09					
JW613	"	Msv Qz vn Su's	.15m	020 76E	.055	.02					
JW654	"	Cb-Qz stkwk in ultrmfc	.40m		110	.2					
JW655	"	Tuff-blk crumbly	slct		65	.2					
JW656	"	Cb alt tuff	.30m		85	.7					
JW657	"	Qz Cb stkwk	slct	045 70N	100	.1					
LB600	Tag Crk 1240 El	Tuff & gouge Mnr Su's Chl	1.5m 19.5m		2300						
LB612	Tag Crk	Tuff w/Qz lens	"		300						
LB614	"	Qz-Cb alt phyllite-Su			80						

Samp No.	Location	Rock Type With Mineralization	Width	Attd	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	As ppm
			slct		opt	opt					
WR608	Verm Ridge	Slcfd lmstn Py As Py			.009	.09					
WR609	"	Slcfd lmstn Py	"		.019	.13					
WR610	"	Slcfd lmstn diss Py	"		.007	.02					
					ppb	ppm					
WR635	NE Verm Ridge	Slcfd lmstn Py grey Qz	.3m		110	1.5	224			29	193
WR636	"	Qz stkwk in Si lmstn yellow Py	.08m		130	1.0					229
WR636 A	"	Qz stkwk in Si lmstn yellow Py grey Qz	.08m		440	1.5					363
WR636 B	"	Qz stkwk in Si lmstn	.08m		90						
WR633		Qz stkwk in Si lmstn	.08m		70						73

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Geochemical Lab Report

REPORT: 117-4982

PROJECT: EAE+IAG PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Ba PPM	La PPM	Ce PPM	Ta PPM	W PPM	Tl PPM	Pb PPM	Bi PPM
JCE-632		21	369	22	24	<10	<10	<10	30	<3
JCE-634		11	336	51	87	<10	<10	<10	106	<3
JCE-640A		<10	272	9	15	<10	<10	<10	7	<3
JCE-640B		<10	482	29	43	<10	<10	<10	33	4
JCE-640C		<10	97	17	29	<10	<10	<10	10	<3
CG-601		11	59	12	<5	<10	<10	24	5	<3
CG-603		10	254	13	<5	<10	<10	10	12	<3
CG-605		<10	115	11	<5	<10	<10	17	35	<3
CG-606		<10	162	11	<5	<10	<10	19	<4	3
CG-607		11	33	14	<5	<10	<10	12	<4	5
CG-608		17	23	15	<5	<10	<10	12	9	4
CG-618		<10	53	13	<5	<10	<10	<10	12	5
CG-619		<10	57	13	<5	<10	<10	<10	17	6
CG-620		14	236	13	<5	<10	<10	16	6	<3
CG-621		19	131	14	<5	<10	<10	20	14	6
CG-622		15	188	14	<5	<10	<10	<10	28	9
CG-623		<10	80	7	<5	<10	<10	<10	45	5
DY-543		<10	32	14	<5	<10	<10	<10	<4	9
DY-544F		<10	5	19	<5	<10	<10	<10	5	<3
DY-544G		<10	27	20	<5	<10	<10	23	79	<3
DY-544H		<10	16	13	11	<10	<10	<10	5	<3
DY-544I		22	6	11	<5	<10	<10	<10	<4	22
DY-544L		22	6	13	<5	<10	<10	<10	4	34

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Geochemical Lab Report

NOV 25 1987

REPORT: 117-4982 (COMPLETE)

REFERENCE INFO: 47-7344

CLIENT: STETSON RESOURCES MANAGEMENT
PROJECT: EAE+TAG

SUBMITTED BY: J.C. FREEZE
DATE PRINTED: 17-NOV-87

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Li	Lithium	23	1 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
2	Be	Beryllium	23	0.5 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
3	B	Boron	23	2 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
4	Sc	Scandium	23	1 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
5	V	Vanadium	23	1 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
6	Cr	Chromium	23	1 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
7	Co	Cobalt	23	2 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
8	Ni	Nickel	23	1 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
9	Cu	Copper	23	1 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
10	Zn	Zinc	23	1 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
11	Ga	Gallium	23	2 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
12	As	Arsenic	23	5 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
13	Rb	Rubidium	23	20 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
14	Sr	Strontium	23	1 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
15	Y	Yttrium	23	1 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
16	Zr	Zirconium	23	1 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
17	Nb	Niobium	23	1 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
18	Mo	Molybdenum	23	1 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
19	Ag	Silver	23	0.5 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
20	Cd	Cadmium	23	1 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
21	Sn	Tin	23	20 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
22	Sb	Antimony	23	5 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
23	Te	Tellurium	23	10 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
24	Ba	Barium	23	1 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
25	La	Lanthanum	23	1 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
26	Ce	Cerium	23	5 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
27	Ta	Tantalum	23	10 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
28	W	Tungsten	23	10 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
29	Tl	Thallium	23	10 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
30	Pb	Lead	23	4 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma
31	Bi	Bismuth	23	3 PPM	HCl-HNO3, (1:3)	Ind. Coupled Plasma

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Geochemical Lab Report

REPORT: 127-7336 (COMPLETE)

REFERENCE INFO:

CLIENT: STETSON RESOURCE MANAGEMENT
PROJECT: DAL

SUBMITTED BY: J. FREEZE
DATE PRINTED: 6-OCT-87

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	46	2 -150	46	CRUSH,PULVERIZE -150	46

REPORT COPIES TO: STETSON RESOURCE MANG.

INVOICE TO: STETSON RESOURCE MANG.

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Geochemical Lab Report

REPORT: 127-[illegible]336 (COMPLETE)

REFERENCE INFO:

CLIENT: DIETSON RESOURCE MANAGEMENT
PROJECT: DAL

SUBMITTED BY: J. FREEZE
DATE PRINTED: 6-OCT-87

ORDER		ELEMENT	NUMBER OF ANALYSED	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	46	5 PPB	NOT APPLICABLE	INST. NEUTRON ACTIV.
2	Sb	Antimony	46	0.2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
3	As	Arsenic	46	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
4	Ba	Barium	46	100 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
5	Br	Bromine	46	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
6	Cd	Cadmium	46	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
7	Ce	Cerium	46	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
8	Cs	Cesium	46	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
9	Cr	Chromium	46	50 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
10	Co	Cobalt	46	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
11	Eu	Europium	46	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
12	Hf	Hafnium	46	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
13	Ir	Iridium	46	100 PPB	NOT APPLICABLE	INST. NEUTRON ACTIV.
14	Fe	Iron	46	0.5 PCT	NOT APPLICABLE	INST. NEUTRON ACTIV.
15	La	Lanthanum	46	5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
16	Lu	Lutetium	46	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
17	Mo	Molybdenum	46	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
18	Ni	Nickel	46	50 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
19	Rb	Rubidium	46	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
20	Sm	Samarium	46	0.1 PPM		INST. NEUTRON ACTIV.
21	Sc	Scandium	46	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
22	Se	Selenium	46	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
23	Ag	Silver	46	5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
24	Na	Sodium	46	0.05 PCT	NOT APPLICABLE	INST. NEUTRON ACTIV.
25	Ta	Tantalum	46	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
26	Te	Tellurium	46	20 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
27	Tb	Terbium	46	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
28	Th	Thorium	46	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
29	Sn	Tin	46	200 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
30	W	Tungsten	46	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
31	U	Uranium	46	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
32	Yb	Ytterbium	46	5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
33	Zn	Zinc	46	200 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
34	Zr	Zirconium	46	500 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.

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Geochemical Lab Report

REPORT: 127-10228 PROJECT: SAL PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Au PPB
R1 FAULT GOUGE		0.8	10
R2 DY503		0.4	<5
R2 DY514		0.6	10
R2 DY518		11.0	35
R2 DY522		0.8	<5
R2 JCF 108		0.1	10
R2 SAL100WR		>50.0	760
R2 SAL101WR		15.0	200
R2 SAL102WR		3.5	15
R2 SAL103WR		14.0	10
R2 SAL104WR		0.4	<5
R2 SAL105WR		0.5	<5
R2 SAL106WR		0.1	<5
R2 SAL107WR		0.8	5
R2 SAL109WR A		0.2	<5
R2 SAL109WR B		7.5	15
R2 SAL110WR		5.6	25
R2 SAL111WR		>50.0	400
R2 SAL112WR		46.0	50
R2 SAL113WR		17.0	80
R2 SAL114WR		>50.0	170
R2 SAL115WR		>50.0	130
R2 7001		0.6	10
R2 7004		0.1	<5
R2 7010		0.1	<5
R2 7011		0.2	10
R2 7012		3.1	75
R2 7016		1.8	70
R2 7017		>50.0	7900
R2 7021		1.4	10
R2 7022		0.5	<5
R2 7024		0.1	<5
R2 7029		<0.1	<5

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Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Certificate of Analysis

OCT 13 1987

REPORT: 427-7904 (COMPLETE)

REFERENCE INFO:

CLIENT: STETSON RESOURCE MANAGEMENT

PROJECT: TAG

Wolf

SUBMITTED BY: UNKNOWN

DATE PRINTED: 8-OCT-87

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu	Copper	1	0.01 PCT		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	1	2 -150	1	ASSAY PREP	1

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INVOICE TO: STETSON RESOURCE MANG.

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BONDAR-CLEGG

Geochemical Lab Report

OCT 21 1987

REPORT: 127-7904 (COMPLETE)

REFERENCE INFO:

CLIENT: STETSON RESOURCE MANAGEMENT
PROJECT: TAG

SUBMITTED BY: UNKNOWN
DATE PRINTED: 10-OCT-87

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu	Copper	41	1 PPM	HNO3-HCL HOT EXTR	PLASMA
2	Zn	Zinc	41	1 PPM	HNO3-HCL HOT EXTR	PLASMA
3	Ag	Silver	41	0.5 PPM	HNO3-HCL HOT EXTR	PLASMA
4	Mo	Molybdenum	41	1 PPM	HNO3-HCL HOT EXTR	PLASMA
5	As	Arsenic	41	5 PPM	HNO3-HCL HOT EXTR	PLASMA
6	Sb	Antimony	41	5 PPM	HNO3-HCL HOT EXTR	PLASMA
7	Hg	Mercury	41	5 PPB	HNO3-HCL HOT EXTR	Cold Vapour AA
8	Au 30g	Gold 30 grams	41	5 PPB	FIRE-ASSAY	Fire Assay AA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
T STREAM SEDIMENT,SILT	4	1 -80	4	DRY, SIEVE -80	4
R ROCK OR BED ROCK	37	2 -150	37	ASSAY PREP	1
				CRUSH,PULVERIZE -150	36

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Geochemical
Lab Report

REPORT: 127-7904

PROJECT: TAG

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Mo PPM	As PPM	Sb PPM	Hg PPB	Au 30g PPB
R2 WR638		363	86	<0.5	2	73	<5	10	70

ACME ANALYTICAL LABORATORIES DATE RECEIVED: AUG 29 1987
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011 DATE REPORT MAILED: Aug 31/87...

ASSAY CERTIFICATE

- SAMPLE TYPE: Rock Chips AU** AND AG** BY FIRE ASSAY.

ASSAYER: D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

STETSON RESOURCE PROJECT - TAG 600 File # 87-3757 Page 1

SAMPLE#	AG** OZ/T	AU** OZ/T
JCF-600	.02	.001
JCF-601	.01	.001
JCF-610	.01	.001
JCF-611	.01	.001
JCF-612	.01	.001
JCF-613	.01	.001
JCF-614	.02	.001
JCF-615	.01	.001
JCF-617	.01	.001
JCF-618	.01	.001
JCF-621	.01	.001
JCF-622	.03	.002
JCF-623	.01	.001
JCF-624	.04	.001
JCF-625	.01	.001
JCF-626	.01	.001
JCF-627	.02	.001
JCF-628	.01	.001
JCF-629	.01	.001
JCF-630	.01	.001
JCF-631	.54	.477
JW-603	.01	.001
JW-605	.01	.004
JW-606	.02	.001
JW-607	.09	.006
JW-609	.01	.001
JW-610	.01	.001
JW-613	.02	.055
JW-614	.01	.001
JW-615	.01	.001
JW-616	.01	.001
JW-617	.01	.001
JW-618	.26	.001
JW-619	.01	.001
JW-620	.01	.001
JW-621	.01	.001
JW-622	.03	.001

SAMPLE#	AG** OZ/T	AU** OZ/T
WR-600	.01	.001
WR-601	.04	.001
WR-602	.01	.001
WR-603	.02	.001
WR-604	.02	.001
WR-605	.01	.001
WR-606	.01	.001
WR-607	.04	.001
WR-608	.09	.009
WR-609	.13	.019
WR-610	.02	.007
WR-611	.03	.001
WR-612	.04	.001
WR-613	.02	.001
WR-615	.03	.001
WR-616	.01	.001
WR-617	.01	.001

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Geochemical Lab Report

REPORT: 127-7904 | PROJECT: TAG |

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Mo PPM	As PPM	Sb PPM	Hg PPB	Au 30g PPB
T1 SS602		44	127	<0.5	4	19	5	140	<5
T1 SS603		41	121	<0.5	3	15	5	150	<5
T1 SS604		42	130	<0.5	3	15	6	150	5
T1 SS605		42	137	<0.5	3	12	<5	150	<5
R2 LB600		25	99	<0.5	<1	<5	<5	15	2300
R2 LB601		29	110	<0.5	<1	<5	<5	5	25
R2 LB602		19	116	<0.5	<1	<5	<5	25	20
R2 LB603		44	108	<0.5	<1	<5	<5	<5	5
R2 LB604		28	89	<0.5	<1	<5	<5	<5	25
R2 LB605		9	116	<0.5	<1	<5	<5	5	50
R2 LB606		93	136	<0.5	<1	<5	<5	15	10
R2 LB607		13	146	<0.5	1	<5	<5	10	20
R2 LB608		21	139	<0.5	<1	<5	<5	5	5
R2 LB609		21	108	<0.5	1	<5	5	10	5
R2 LB610		44	87	<0.5	<1	<5	<5	5	<5
R2 LB611		22	97	<0.5	<1	<5	<5	<5	5
2 LB612		7	125	<0.5	<1	<5	<5	10	300
R2 LB613		27	119	<0.5	<1	<5	<5	5	25
R2 LB614		15	104	<0.5	1	12	<5	55	80
R2 LB615		26	101	<0.5	1	55	6	<5	<5
R2 WR619		69	92	<0.5	1	6	<5	20	<5
R2 WR620		121	374	7.6	3	369	12	140	55
R2 WR621		67	41	<0.5	13	13	<5	5	10
R2 WR622		19	86	<0.5	<1	15	<5	20	15
R2 WR624		2	29	<0.5	<1	<5	<5	15	<5
R2 WR625		27	61	<0.5	<1	<5	<5	10	<5
R2 WR626		<1	18	<0.5	<1	<5	<5	5	<5
R2 WR627		2	17	<0.5	<1	<5	<5	5	10
R2 WR628		3	64	<0.5	1	<5	<5	5	<5
R2 WR629		51	158	<0.5	10	64	<5	20	<5
R2 WR630		2	17	<0.5	2	27	<5	10	15
R2 WR631		2	12	<0.5	5	<5	<5	10	<5
R2 WR633		68	71	<0.5	1	<5	<5	30	5
R2 WR634		78	1097	<0.5	1	147	12	70	60
R2 WR635		224	153	1.5	2	193	29	65	110
R2 WR636		14	65	1.0	10	229	5	10	130
R2 WR636A		21	80	1.5	6	363	6	30	440
WR636B		10	82	<0.5	2	49	<5	15	90
R2 WR636C		4	75	<0.5	1	16	<5	30	10
R2 WR637		649	120	<0.5	1	154	26	800	10

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Certificate of Analysis

REPORT: 427-7904

PROJECT: TAG

SAMPLE NUMBER	ELEMENT UNITS	Cu PCT
R2 WR6368		<0.01

Registered Assayer, Province of British Columb

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: JAN 06 1988
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 DATE REPORT MAILED: Jan. 11/88

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE 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 AA FROM 10 GRAM SAMPLE.

ASSAYER: D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

STETSON RESOURCES PROJECT-TAG File # 88-0052

SAMPLE#	AG PPM	AU* PPB
JCF 500	.6	2
JCF 501	.1	1
JCF 502	.4	1
JCF 504	.2	1
JCF 505	.1	1
JCF 507	.3	1
JCF 508	.3	2
JCF 509	1.5	1
JCF 510	.4	1
JCF 550	.8	4
JCF 602	.1	38
JCF 675	5.1	22
JCF 676	.1	1
JCF 677	1.6	30
JCF 678A	1.9	12
JCF 678B	.3	1
JCF 679	2.9	590
JCF 680	.1	1
JCF 681	.3	1
7464	.1	5
STD C/AU-R	7.7	490

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Phone: (613) 749-2220
Telex: 053-3233

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Geochemical Lab Report

REPORT: 017-5823 (COMPLETE)

REFERENCE INFO: 47-7040

CLIENT: STETSON RESOURCES MANAGEMENT
PROJECT: TAG

SUBMITTED BY: J.C. FREEZE
DATE PRINTED: 14-OCT-97

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag	Silver	7	0.1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
2	Au	Gold	7	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	7	-200	7	CRUSH,PULVERIZE -200	7

REMARKS: < MEANS LESS THAN.

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Geochemical Lab Report

REPORT: 917-[illegible]

PROJECT: [illegible] PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Au PPB
D7-60[illegible]		0.9	<5
D7-603		<0.1	<5
D7-604		0.3	<5
D7-605		1.6	2650
D7-606		<0.1	290
D7-607		0.3	265
D7-608		<0.1	15

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Geochemical Lab Report

REPORT: 087-5224 (COMPLETE)

REFERENCE INFO: 47-7345

CLIENT: STETSON RESOURCES MANAGEMENT
PROJECT: IAG

SUBMITTED BY: J.C. FREEZE
DATE PRINTED: 6-OCT-87

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	4	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
STREAM SED., SILT	4	-80	4	DRY,SIEVE -80	4

REMARKS: < MEANS LESS THAN.

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Geochemical Lab Report

REPORT: 017-5224

PROJECT: TAG

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
SS601		<5
SS621		<5
SS622		<5
SS623		20

Talus and Soil Sample Analyses

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

OCT 08 1987

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: SEPT 23 1987 DATE REPORT MAILED: Oct 6/87 ASSAYER. D.Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

STETSON RESOURCES PROJECT-TAG File # 87-4447 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
TA647 1500	3	29	16	99	1.5	28	34	1863	10.51	70	5	ND	5	115	1	2	2	47	2.82	.140	24	7	.33	85	.01	2	.62	.03	.41	1	12
TA648 1500	10	147	132	159	1.7	56	40	670	4.57	110	5	ND	2	69	1	6	2	55	4.09	.075	11	24	.35	79	.01	7	.55	.02	.14	1	134
TA649 1500	1	11	4	32	.2	11	8	567	2.89	3	5	ND	1	57	1	2	2	41	3.01	.167	6	2	.86	77	.02	8	.85	.03	.37	1	9
TA650 1500	4	159	26	356	1.0	45	31	2147	8.95	93	5	ND	4	116	5	2	2	73	1.84	.167	22	14	.45	242	.02	3	.84	.03	.19	1	111
TA651 1500	2	119	11	99	.6	64	21	1398	6.51	25	5	ND	1	197	1	2	2	125	9.97	.051	5	23	.52	118	.01	3	.51	.01	.09	2	73
TA652 1500	2	94	55	157	1.3	21	21	1767	8.96	33	5	ND	3	76	1	3	2	100	.49	.081	13	16	.22	104	.01	5	.65	.02	.09	1	58
TA653 1500	2	232	11	106	.5	24	19	1496	6.69	59	5	ND	2	168	1	7	2	67	3.17	.069	11	9	.24	95	.01	4	.43	.02	.10	1	19
TA654 1500	2	141	8	83	.6	29	25	807	5.43	27	5	ND	1	208	1	6	2	52	9.80	.041	2	9	.52	92	.01	2	.41	.01	.09	1	7
TA655 1500	2	119	24	102	.9	17	24	1479	7.23	11	5	ND	1	216	1	2	2	182	4.87	.085	10	17	.49	149	.01	3	.74	.02	.14	2	8
TA656 1500	2	201	8	130	.7	26	23	1189	6.89	12	5	ND	1	147	1	2	2	140	6.03	.076	8	15	.54	110	.01	14	.60	.02	.10	1	13
STD C/AU-S	19	59	37	135	7.4	69	27	1044	4.07	37	20	7	40	51	18	17	21	59	.52	.086	38	63	.89	178	.09	37	1.86	.08	.15	13	48
TA657 1500	14	78	15	177	.8	81	24	710	6.58	37	7	ND	1	209	1	5	2	40	5.81	.050	5	14	2.50	72	.01	5	.28	.02	.04	1	4
TA658 1500	10	69	11	134	.7	66	23	1275	7.36	37	5	ND	3	171	1	2	2	43	2.59	.094	16	20	.77	89	.01	2	.45	.03	.06	1	3
TA659 1500	3	350	11	113	.7	12	32	2061	11.61	11	5	ND	2	89	1	2	2	200	2.83	.148	11	3	.88	227	.01	6	1.32	.03	.07	2	13
TA660 1500	3	219	9	124	.5	23	28	1475	9.49	6	5	ND	1	51	1	2	2	227	1.06	.087	11	19	.95	78	.01	4	1.45	.03	.06	1	12
TA661 1500	3	150	10	112	.7	31	25	1539	8.10	11	5	ND	2	86	1	2	2	183	2.62	.066	13	23	.44	119	.01	2	.73	.03	.08	1	6
TA662 1500	2	112	16	148	.6	24	22	1690	7.98	14	5	ND	1	46	1	2	2	160	.37	.117	12	31	.58	121	.02	4	1.50	.03	.09	1	3
TA663 1500	3	157	17	220	.7	22	23	1136	8.88	7	5	ND	2	51	1	2	2	243	.65	.084	10	19	.29	90	.01	3	.86	.03	.07	2	14
TA664 1500	2	111	8	122	.5	21	21	1136	7.90	6	5	ND	1	51	1	2	2	211	.93	.077	8	17	.44	123	.01	5	.94	.03	.07	1	3
TA665 1500	2	103	29	192	.9	31	18	1409	7.69	13	5	ND	1	71	1	2	2	156	.68	.109	12	38	.42	141	.01	5	1.05	.02	.10	1	3
TA666 1500	2	73	53	250	.7	30	17	994	7.90	23	5	ND	2	61	1	2	2	113	.39	.143	11	41	.33	118	.02	5	1.10	.02	.18	1	19
TA667 1500	2	104	86	329	1.9	41	23	1321	8.22	34	5	ND	2	89	2	2	2	95	1.25	.164	19	44	.43	171	.03	5	1.18	.03	.21	1	54
TA668 1500	2	91	39	193	.8	25	19	1935	7.92	28	5	ND	2	59	1	2	2	92	.54	.170	19	27	.53	205	.03	7	1.43	.03	.34	1	38
TA669 1500	2	73	28	192	.5	26	17	1962	8.17	26	5	ND	2	41	3	2	2	90	.48	.309	15	24	.41	202	.01	7	1.59	.03	.25	1	42
TA670 1500	4	80	39	240	.6	33	12	875	6.26	35	5	ND	2	58	2	2	2	89	.30	.155	12	52	.51	201	.02	9	2.03	.03	.19	2	26
TA671 1500	4	70	35	176	.9	33	18	1281	8.44	35	5	ND	2	73	1	3	2	89	.83	.186	23	28	.59	226	.05	8	1.67	.03	.30	2	37
TA672 1500	4	112	122	227	1.7	44	17	1249	7.66	81	5	ND	2	90	2	2	2	88	.91	.198	23	53	.51	310	.04	7	1.39	.03	.29	1	83
TA673 1500	5	91	45	175	1.1	38	20	2465	8.16	49	5	ND	3	46	1	2	2	92	.61	.136	18	37	.46	277	.06	6	1.43	.03	.17	1	12
TA674 1500	4	131	63	230	1.7	37	24	2058	9.04	35	5	ND	3	64	2	2	2	104	.92	.158	23	27	.68	407	.07	10	1.61	.03	.40	1	86
TA675 1500	2	53	14	128	.8	37	23	1671	8.61	12	5	ND	3	83	1	2	2	125	.78	.158	23	37	.87	363	.11	9	1.86	.04	.50	1	1
TA675A 1500	4	74	42	149	.9	34	19	1911	7.49	24	5	ND	2	45	1	2	2	105	.53	.100	20	34	.56	246	.08	8	1.86	.03	.16	1	61
TA676 1500	3	74	23	171	1.7	25	27	2694	11.28	26	5	ND	3	80	1	2	2	124	1.64	.200	38	17	.63	345	.03	7	1.21	.03	.20	1	39
TA677 1500	3	57	25	190	.4	27	23	3687	8.59	25	5	ND	3	49	1	2	2	121	.32	.154	23	26	.69	260	.05	7	2.44	.03	.17	1	19
TA678 1500	2	49	15	171	.3	26	11	1277	6.16	25	5	ND	2	67	1	2	2	73	.43	.157	18	33	.47	196	.03	6	1.62	.03	.23	1	1
TA679 1500	2	51	16	171	.9	19	25	1960	9.11	18	5	ND	3	137	1	2	2	88	3.00	.168	32	14	.69	215	.04	7	1.14	.03	.21	1	21
TA680 1500	1	51	9	161	.4	19	23	1109	6.33	5	5	ND	1	108	1	2	2	75	3.36	.162	21	11	.55	132	.02	11	.91	.03	.24	1	5
TA681 1500	2	67	34	194	1.1	31	22	1438	7.28	43	5	ND	3	63	1	3	2	82	.71	.128	26	23	.51	223	.05	7	1.45	.03	.35	1	5

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
TA683 1500	2	78	26	149	.7	24	20	1127	7.72	58	5	ND	4	137	1	6	2	63	1.07	.131	20	19	.54	255	.03	3	1.35	.04	.11	3	30
TA684 1500	4	94	27	193	1.3	42	29	4675	10.93	106	5	ND	5	70	1	3	2	40	.62	.177	26	3	.15	175	.01	2	.52	.03	.10	1	66
TA685 1500	4	60	12	131	1.0	41	28	2132	10.24	24	5	ND	3	101	1	2	2	37	2.01	.165	15	5	.34	78	.01	3	.62	.03	.09	2	605
TA686 1500	5	21	8	171	.3	59	32	3513	9.14	5	5	ND	6	188	1	3	2	60	.51	.078	37	11	.15	692	.02	3	.78	.03	.16	1	10
TA687 1500	6	60	13	173	1.0	33	34	2569	11.36	45	5	ND	5	81	1	2	2	48	.62	.172	24	6	.20	122	.01	2	.53	.02	.08	2	48
TA688 1500	3	80	26	154	.8	32	20	1379	6.21	68	5	ND	2	165	1	4	2	37	6.59	.109	13	8	.66	183	.01	3	.53	.01	.09	2	45
TA689 1500	2	50	6	66	.6	15	16	574	3.00	23	5	ND	2	136	1	3	2	28	8.00	.106	12	6	.99	112	.01	2	.53	.01	.11	1	41
TA690 1500	2	50	68	251	.9	19	15	982	5.21	66	5	ND	1	74	2	2	2	49	2.22	.144	13	12	.36	144	.01	3	.69	.03	.07	1	39
TA691 1500	2	64	190	231	1.6	22	22	1202	9.13	97	5	ND	3	50	1	2	2	120	.69	.099	23	18	.36	151	.02	4	1.08	.03	.11	1	74
TA692 1500	2	31	127	264	1.2	15	13	1290	5.65	56	5	ND	2	94	1	2	2	32	1.98	.151	15	6	.28	221	.01	5	.58	.03	.08	1	230
TA693 1500	1	15	39	108	.3	8	8	838	4.26	26	5	ND	2	50	1	2	2	21	1.05	.078	12	4	.16	179	.01	2	.54	.03	.08	1	81
TA694 1500	1	8	9	143	.3	8	9	1146	6.89	9	5	ND	7	190	1	2	2	16	4.36	.187	34	1	.19	200	.02	4	.49	.02	.11	1	95
TA695 1500	6	34	13	141	.5	10	13	1119	8.60	44	5	ND	7	84	1	2	2	12	1.32	.102	30	1	.15	116	.01	2	.42	.03	.08	2	245
TA696 1500	4	47	61	199	1.3	15	19	1289	6.29	105	5	ND	5	84	1	3	2	52	5.03	.107	27	5	.38	102	.01	2	.53	.01	.10	1	81
TA697 1500	3	68	55	174	1.0	21	25	1256	7.08	55	5	ND	4	112	1	2	2	75	3.68	.151	20	7	.43	135	.01	4	.77	.02	.12	1	59
TA698 1500	2	59	27	189	1.0	29	34	2814	9.70	89	5	ND	4	165	1	2	2	57	1.95	.207	26	7	.39	209	.02	7	.66	.03	.12	1	108
TA699 1500	2	44	26	177	.9	31	29	2818	8.24	107	5	ND	4	129	1	2	2	49	3.01	.206	22	7	.35	203	.02	4	.60	.02	.12	1	109
TA6100 1500	5	78	42	215	1.4	25	18	1248	5.62	56	5	ND	3	124	2	4	2	44	14.01	.108	14	10	.48	177	.01	3	.60	.01	.09	2	55
TA6101 1500	3	51	92	255	.8	23	26	2457	9.30	61	5	ND	5	86	1	3	2	71	.86	.202	27	14	.29	221	.02	7	.85	.03	.16	1	46
TA6103 1500	4	60	40	222	1.2	18	24	1361	7.28	32	5	ND	3	241	1	9	2	81	4.19	.142	21	10	.91	278	.01	4	.77	.02	.10	1	44
TA6104 1500	2	49	31	128	1.2	15	19	693	7.39	55	5	ND	3	101	1	3	2	77	1.87	.201	22	9	.44	113	.01	5	.88	.03	.07	1	61
TA6105 1500	2	63	11	180	.7	13	43	2115	10.25	19	5	ND	5	164	1	2	2	143	3.55	.195	36	1	.64	246	.01	7	.97	.03	.11	1	6
TA6106 1500	2	49	37	193	.7	15	30	1766	10.27	23	5	ND	5	116	1	2	2	133	3.50	.170	24	4	1.05	109	.01	2	.65	.03	.08	1	9
TA6107 1500	2	46	11	129	.5	12	19	912	7.99	18	5	ND	2	67	1	2	2	108	1.45	.177	34	6	.41	188	.01	2	.93	.03	.06	2	3
TA6108 1500	2	59	12	170	.8	15	36	1926	10.65	25	5	ND	5	89	1	2	2	125	1.86	.218	33	5	.71	178	.01	2	1.30	.03	.08	1	19
TA6109 1500	2	58	95	225	1.0	25	25	1408	7.80	37	5	ND	3	102	1	10	2	65	1.13	.137	25	18	.38	138	.01	2	.76	.03	.13	1	54
TA6110 1500	2	53	17	137	.5	16	19	964	7.39	24	5	ND	3	123	1	2	2	66	1.43	.154	22	11	.41	156	.01	3	.76	.03	.10	1	44
TA6111 1500	3	70	13	129	.6	19	24	962	8.45	41	5	ND	3	159	1	2	2	79	1.83	.163	19	12	.55	218	.01	2	.87	.03	.10	1	57
TA6112 1500	1	87	15	123	.4	22	21	798	6.99	45	5	ND	4	125	1	2	2	95	2.46	.133	17	28	.64	130	.03	2	1.28	.04	.12	1	13
TA6113 1500	2	55	11	148	.7	21	25	1577	9.16	31	5	ND	5	153	1	2	2	81	1.39	.197	31	14	.47	246	.01	2	1.03	.03	.12	1	24
TA6114 1500	2	40	14	140	.5	14	13	964	7.20	30	5	ND	4	87	1	2	2	53	1.05	.129	30	12	.28	250	.01	2	.84	.03	.12	1	55
TA6115 1500	2	50	12	142	.6	26	23	1725	8.62	35	5	ND	4	98	1	2	2	72	.76	.138	33	16	.28	212	.01	2	.88	.03	.15	1	50
TA6116 1500	2	67	8	136	.5	22	32	1792	7.78	26	5	ND	3	181	1	2	2	56	5.44	.148	17	6	.72	138	.02	6	.67	.02	.18	1	29
TA6117 1500	1	33	5	120	.3	17	34	1063	7.74	9	5	ND	4	243	1	2	2	44	5.29	.102	15	4	.56	176	.05	2	.51	.01	.15	1	7
TA6118 1500	2	91	4	90	.5	41	23	1497	5.95	11	5	ND	2	125	1	2	2	68	5.64	.088	14	43	.64	148	.01	2	.51	.01	.07	1	132
TA6119 1500	3	38	8	133	.5	19	28	2699	8.07	17	5	ND	4	140	1	2	2	72	5.77	.162	33	9	.43	231	.01	2	.62	.01	.11	1	37
STD C/AU-S	18	58	38	133	7.1	68	27	1037	3.98	37	20	7	39	50	17	17	22	57	.49	.085	38	59	.88	179	.08	32	1.86	.08	.13	11	52

SAMPLE#	.O 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	. PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
TA6120 1500	4	52	9	126	.6	20	31	2340	7.47	28	5	ND	3	183	1	3	2	84	4.24	.122	21	9	.69	286	.01	2	.61	.02	.09	1	65
TA6121 1500	3	42	9	128	.7	15	26	1936	6.82	25	8	ND	3	174	1	4	2	56	6.41	.147	18	6	.62	249	.02	3	.56	.02	.10	1	76
TA61 1520	3	33	8	128	.5	13	22	1679	6.41	14	5	ND	3	159	1	4	2	48	6.17	.145	19	6	.64	265	.01	4	.53	.02	.10	2	101
TA62 1520	3	32	5	71	.8	8	24	2153	5.45	9	6	ND	4	214	1	3	2	32	6.03	.271	23	4	.47	157	.01	3	.72	.01	.20	1	64
TA63 1520	6	57	20	226	1.0	32	34	3516	7.55	129	5	ND	3	191	1	3	2	37	3.42	.131	12	4	.38	137	.01	5	.51	.02	.13	1	65
TA64 1520	3	488	12	806	.6	29	26	1554	7.05	182	7	ND	2	52	14	4	2	38	3.24	.099	11	8	.29	134	.01	7	.53	.02	.13	1	32
TA65 1520	2	111	15	88	.6	18	16	964	4.71	44	7	ND	1	119	1	8	2	63	5.68	.069	6	12	.79	107	.01	2	.36	.02	.06	1	23
TA66 1520	4	138	25	91	1.2	39	30	1542	6.83	51	6	ND	3	103	1	4	2	65	3.51	.127	16	20	.44	156	.01	6	.61	.02	.17	1	280
TA67 1520	3	93	66	159	1.3	21	18	1216	7.49	38	5	ND	2	53	1	6	2	102	.74	.092	11	20	.27	138	.01	3	.78	.03	.05	1	104
TA68 1520	2	63	20	111	.7	26	15	1227	5.70	25	5	ND	2	89	1	3	2	87	5.00	.081	5	23	1.35	156	.01	5	.41	.03	.07	1	8
TA69 1520	3	163	70	175	2.1	41	30	1690	8.99	59	5	ND	3	106	1	11	2	136	1.05	.077	10	27	.41	150	.01	3	.52	.03	.06	1	240
TA610 1520	3	162	40	153	1.2	31	24	1570	8.02	31	5	ND	3	151	1	4	2	141	1.83	.092	12	22	.37	164	.01	5	.55	.03	.07	1	33
TA611 1520	3	117	26	110	.4	22	16	863	5.23	72	5	ND	3	67	1	7	2	101	2.19	.077	12	25	.65	140	.05	2	1.52	.04	.12	1	11
TA612 1520	2	133	12	96	.4	14	18	1036	7.39	15	5	ND	1	40	1	2	2	207	.99	.086	11	13	.29	128	.01	6	.79	.03	.02	1	3
TA613 1520	2	243	23	111	1.0	16	26	1849	8.28	16	5	ND	3	55	1	2	2	168	.94	.153	12	23	.40	170	.01	3	1.00	.03	.08	1	27
TA614 1520	2	58	4	91	.3	16	36	1492	9.19	4	5	ND	2	74	1	2	2	298	3.35	.070	5	11	2.02	95	.03	4	2.28	.03	.02	1	1
TA615 1520	2	291	5	85	.6	6	41	2086	10.06	7	5	ND	3	20	1	2	2	292	.88	.112	11	3	.59	106	.01	5	1.13	.03	.03	1	33
TA616 1520	2	106	5	105	.4	13	15	756	7.38	7	5	ND	1	26	1	2	2	214	.47	.078	7	15	.40	102	.01	3	1.02	.02	.03	1	2
TA617 1520	3	61	46	166	1.0	30	21	1659	6.99	67	5	ND	1	86	1	2	2	52	2.35	.133	14	15	.49	214	.02	4	.86	.03	.07	1	52
TA618 1520	2	67	37	166	1.2	29	18	1018	6.41	63	5	ND	2	81	1	2	2	46	1.69	.126	17	12	.36	210	.01	4	.72	.03	.12	1	60
TA619 1520	1	57	9	114	.4	20	26	1296	7.40	11	5	ND	3	69	1	2	2	90	1.88	.142	18	15	.58	71	.01	5	.61	.04	.12	1	1
TA620 1520	4	58	156	394	2.4	12	28	1700	9.27	126	5	ND	2	111	2	3	2	101	2.12	.138	16	7	.56	431	.01	3	.75	.03	.09	1	99
TA621 1520	1	9	19	75	.7	3	7	687	3.32	23	7	ND	2	77	1	2	2	11	4.24	.063	8	1	.15	76	.01	2	.34	.02	.06	1	255
TA622 1520	2	47	7	121	.2	13	25	1373	8.23	11	5	ND	3	74	1	2	2	77	2.48	.151	16	3	.27	110	.01	3	.58	.03	.07	1	8
TA623 1520	2	48	8	131	.4	14	28	1605	7.49	22	5	ND	3	95	1	2	2	94	5.06	.124	20	5	.45	149	.01	5	.57	.02	.08	1	24
TA624 1520	3	46	15	85	.7	18	18	893	4.43	31	5	ND	2	109	1	2	2	26	11.02	.168	10	3	.42	129	.01	2	.48	.01	.14	1	22
TA625 1520	3	59	24	179	1.1	26	32	2468	9.01	76	5	ND	3	167	1	2	2	53	1.97	.180	23	7	.40	219	.02	4	.65	.03	.10	1	78
TA626 1520	4	38	19	133	1.1	30	23	1953	6.46	58	7	ND	4	133	1	2	2	35	5.03	.139	18	4	.31	199	.01	3	.59	.01	.13	2	117
TA627 1520	2	40	27	126	.9	16	18	1273	4.80	32	5	ND	3	208	1	4	2	51	15.49	.093	10	7	.46	153	.01	2	.47	.01	.08	1	46
TA628 1520	7	106	217	436	2.4	48	21	2122	7.38	91	5	ND	2	77	3	4	2	63	1.37	.153	17	29	.28	322	.01	2	.88	.03	.09	1	102
TA629 1520	3	49	38	197	.8	23	20	2097	6.26	18	5	ND	3	101	1	2	2	47	1.44	.145	22	19	.35	348	.02	3	.94	.03	.13	1	14
TA630 1520	3	82	21	159	.7	21	24	2043	7.49	43	5	ND	3	110	1	5	2	69	2.74	.164	17	13	.61	218	.02	6	.98	.04	.10	1	39
TA631 1520	3	48	15	169	.7	15	27	3163	10.01	21	5	ND	4	115	1	2	2	74	2.03	.185	25	10	.61	329	.01	7	.82	.03	.09	1	26
TA632 1520	2	56	10	124	.8	17	28	1375	7.80	36	5	ND	4	73	1	2	2	100	2.59	.148	22	12	.88	164	.01	2	.78	.03	.09	1	35
TA633 1520	2	70	6	94	.4	18	24	966	6.56	8	5	ND	3	76	1	2	2	74	2.38	.138	16	19	.58	140	.01	2	.66	.03	.07	1	4
TA634 1520	2	50	8	111	.6	16	17	1250	6.69	37	5	ND	1	103	1	2	2	54	2.03	.218	15	15	.40	164	.01	5	.75	.03	.05	1	25
STD C/AU-S	18	57	39	132	7.1	67	27	1031	3.98	38	16	7	38	50	18	14	20	56	.50	.083	37	60	.88	177	.08	32	1.85	.08	.12	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
TAG 35 1520	2	44	10	155	.5	14	37	2286	10.40	30	5	ND	5	55	1	2	2	142	1.76	.247	37	3	.40	240	.01	8	.88	.03	.07	1	4
TAG 36 1520	3	54	29	162	.7	20	27	1635	7.96	40	5	ND	3	156	1	5	2	75	3.28	.126	21	12	.44	149	.01	4	.61	.03	.12	1	72
TAG 37 1520	3	54	17	142	.6	20	21	1327	7.97	32	5	ND	4	127	1	2	2	69	1.27	.132	30	10	.41	175	.01	5	.68	.03	.12	1	41
TAG 38 1520	3	65	21	168	.6	20	25	2264	8.82	41	5	ND	3	108	1	2	2	91	3.26	.141	23	12	.83	258	.01	6	.77	.04	.09	1	32
TAG 39 1520	2	41	8	151	.4	14	22	1265	9.21	15	7	ND	3	179	1	2	2	76	1.83	.277	27	8	.43	179	.01	7	.83	.04	.08	1	15
TAG 40 1520	2	42	15	149	.5	12	18	1399	7.65	29	5	ND	2	103	1	2	2	66	1.70	.150	24	5	.35	230	.01	4	.71	.03	.10	1	30
TAG 41 1520	4	32	13	134	.8	11	12	1814	6.92	46	5	ND	6	49	1	2	2	28	.39	.082	49	7	.17	161	.01	4	.55	.02	.13	1	245
TAG 42 1520	1	38	4	83	.5	20	26	1616	5.15	14	5	ND	2	103	1	2	2	62	12.32	.137	17	8	.47	104	.01	2	.49	.01	.10	1	7
TAG 43 1520	3	39	9	201	.4	26	56	5244	11.84	60	5	ND	6	305	1	2	2	160	1.60	.132	34	5	.48	739	.01	8	.81	.03	.18	1	4
TAG 44 1520	3	43	12	192	.6	23	31	2665	10.23	29	7	ND	4	91	1	2	2	93	1.12	.113	28	7	.50	200	.04	2	.89	.03	.23	1	17
TAG 45 1520	6	39	22	184	.8	17	27	4035	8.69	82	5	ND	5	157	1	2	2	77	2.62	.107	31	3	.45	431	.01	6	.64	.03	.16	1	165
TAG 46 1520	4	40	11	146	.7	16	26	3060	7.05	41	5	ND	4	179	1	2	2	63	4.97	.160	22	4	.53	377	.01	5	.57	.02	.14	1	136
STD C/AU-S	18	58	36	131	6.9	68	27	1030	3.93	38	20	7	39	49	17	17	22	56	.49	.084	37	57	.85	173	.08	37	1.83	.08	.13	12	52