MAP NO: 106C/13, 106D/16

ASSESSMENT REPORT: X

PROSPECTUS:

CONFIDENTIAL: X

OPEN FILE:

DOCUMENT NO: 093263

MINING DISTRICT: Mayo

TYPE OF WORK: Geological, Geochemical

REPORT FILED UNDER: Newmont Exploration

DATE PERFORMED: June-September 1994

DATE FILED: February 1, 1995

LATITUDE: 64 53

AREA: Fairchild Lake

LONGITUDE: 134 00

VALUE: $13,650

CLAIM NAME AND #: Vulture 1-42

WORK DONE BY: Equity Engineering

WORK DONE FOR: Newmont Exploration

DATE TO GOOD STANDING	

REMARKS: Staked to cover uranium, potassium and thorium anomalies from the 1993 airborne survey. Exploration in 1994 consisted of 1:10,000 mapping, rock, soil and stream geochemistry. Mineralization on the property consists of minor chalcopyrite in breccia and altered siltstones in the southwest portion of the property and in quartz veins hosted by siltstones and bedding controlled hematite, magnatite and pyrite horizons in the eastern part of the property. High grade samples assaying up to 595 ppb Au, 1.27% Cu, 848 ppm Co, 209 ppm Ni and 190 ppm La were obtained from the eastern part of the property in massive specular hematite and magnetite in quartz veins or altered siltstone and hematite breccia.

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1994 GEOLOGICAL AND GEOCHEMICAL ASSESSMENT REPORT ON THE VULTURE 1-42 CLAIMS

093263

OFFICE OF THE REGIONAL MANAGER
MINERAL RIGHTS
FEB 08 1995
WHITEHORSE
YUKON TERRITORY

Located in the Fairchild Lake Area
Mayo Mining District
Yukon Territory, Canada
NTS 106C/13, D/16
64° 53' North Latitude
134° 00' West Longitude

-prepared for-
NEWMONT EXPLORATION LIMITED

-prepared by-
EQUITY ENGINEERING LTD
Kelly A. Owerko, Geologist

DATES OF WORK PERFORMED: June 21-22, 26, 27 July 16, 1994
August 16, 21, 28 and September 4, 1994

DATE OF REPORT: January 1995

1994 GEOLOGICAL AND GEOCHEMICAL ASSESSMENT REPORT ON THE VULTURE 1 - 42 CLAIMS

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1.0 CONCLUSIONS AND RECOMMENDATIONS

The Vulture claims were staked to cover uranium, potassium and thorium anomalies from the 1993 airborne geophysical survey. The 1994 exploration program comprised preliminary mapping at 1:10,000 and rock, soil and stream sediment sampling, which outlined a number of anomalous areas on and off the Vulture claim block.

The Vulture claim block is underlain by folded and faulted Fairchild Lake Group sediments cut by hematite breccias. The Fairchild Lake Group sediments have been subdivided into phyllite, shale and interbedded siltstone and dolomite. Alteration was observed in the Wernecke breccia and the interbedded siltstone-dolomite unit. It appears to increase from west to east across the property and consists of chlorite + carbonate +/- albite.

Copper mineralization occurs as chalcopyrite in breccia and altered siltstone talus in the southwest part of the claim block and in siltstones within quartz veins and along bedding controlled hematite, magnetite and pyrite horizons in the eastern part of the property. Gold values ranging from 30 ppb (#937826) to 595 ppb (#937823) in the eastern part of the property were collected from either massive specular hematite and magnetite in quartz veins or altered siltstone and hematite breccia. Elevated values of copper (1.27%), cobalt (848 ppm), nickel (209 ppm), and lanthanum (190 ppm) were also present in samples taken in this area. Grab sample #937734 taken from altered sediments in the northern part of the property, containing brannerite returned low levels of gold, copper and cobalt.

Stream sediment results were anomalous for sections of creeks draining the Vulture claims as well as creeks east of the claim block. Sample HK94013 and HK94014, taken on the southern part of the property, returned gold values of 20 ppb and copper values of 165 ppm and 324 ppm, respectively. These samples were taken from the same drainage where anomalous copper and gold rock samples were located. Sample 1202 located in the creek east of the claim block, draining mineralized quartz veins in sediments, returned 1980 ppm copper and 15 ppb gold.

Soil geochemical sampling was completed east of the Vulture claim boundary. Gold, copper and cobalt soil geochemical results were very encouraging in this area despite the lack of mineralization found during the preliminary mapping and prospecting program. Anomalous gold values ranged from 10-410 ppb in approximately 90% of the samples taken in this area. Copper and cobalt values were highly anomalous as well, ranging from 200-5200 ppm copper and 115-495 ppm cobalt.

The 1994 exploration results justify continued exploration in a number of areas. The first priority is to extend the claims to the southeast to cover anomalous areas defined by the soil geochemical survey. Follow-up in this area should include grid establishment for a detail mapping and soil sampling program, with emphasis placed on locating the source of high gold, copper and cobalt soil geochemistry. Detailed mapping, rock and reconnaissance soil sampling is recommended to investigate anomalous gold and copper found in rock samples taken in the 1994 program.

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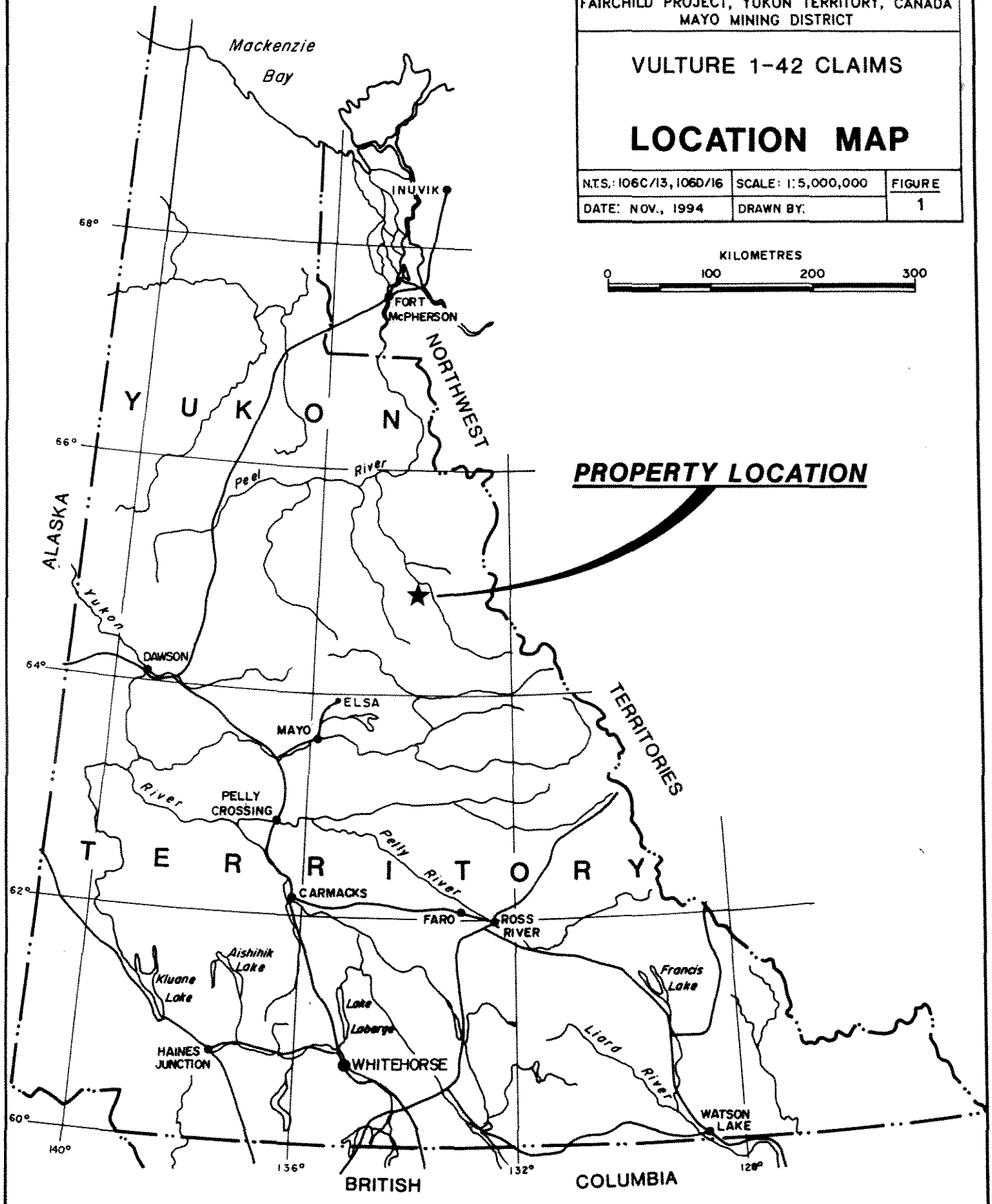
WESTMIN RESOURCES, PAMICON DEVELOPMENTS, EQUITY ENGR.

FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

VULTURE 1-42 CLAIMS

LOCATION MAP

N.T.S.: 106C/13, 106D/16	SCALE: 1:5,000,000	FIGURE 1
DATE: NOV., 1994	DRAWN BY:	



2.0 INTRODUCTION

The Vulture 1-42 claims are located in the Wernecke Mountains, approximately 170 kilometres northeast of Mayo in east central Yukon (Figure 1). Situated just south of the Bonnet Plume River valley in the vicinity of Fairchild Lake, the property is accessible by air or by a nearby winter cat road. The claims are underlain by a weakly metamorphosed, faulted and folded sequence of Proterozoic, Wernecke Supergroup sedimentary strata that has been intruded by hematite breccias and cut by mafic sills and dykes.

The geological setting of the Wernecke Mountains is considered excellent for hosting Olympic Dam copper-uranium-gold-silver breccia type deposits. In 1993 Newmont Exploration Limited conducted an airborne radiometric program which identified an anomalous uranium, potassium and thorium response in this area. Based on this, the Vulture 1-42 claims were acquired through staking in October 1993.

Work in 1994 consisted of preliminary geological mapping, prospecting, contour soil geochemical sampling and stream sediment sampling. The program was jointly conducted by Pamicon Developments Limited and Equity Engineering Ltd. on behalf of the Fairchild Joint Venture (Newmont Exploration Limited and Westmin Resources Limited). Equity and Pamicon have been retained to report on the field work.

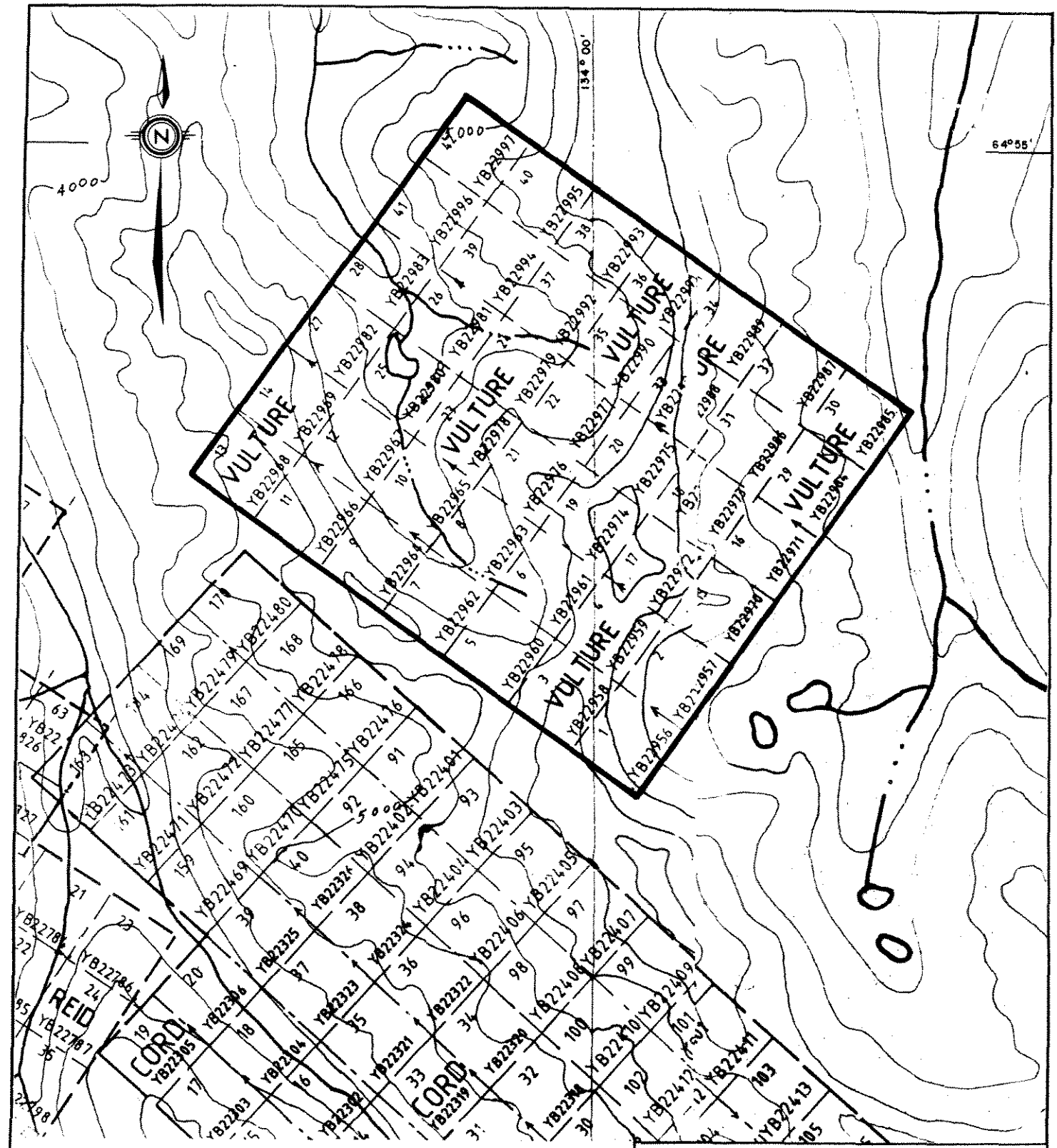
3.0 LIST OF CLAIMS

The Vulture property comprises 42 contiguous quartz mineral claims, located in the Mayo Mining District (Figure 2). Government records indicate that the following claims (Table 3.0.1) are owned 100% by Westmin Resources Limited of Vancouver, B.C. Separate documents indicate that they are under option to Newmont Exploration Limited of Denver, Colorado.

Table 3.0.1
Claim Data

Claim Name	Claim Numbers	Record Numbers	Record Date	Expiry Date	NTS	No. of Claims
Vulture	1 - 42	YB22956-997	10/12/93	12/31/97*	106C13/ 106D16	42

*Subject to approval of assessment work covered by this report.



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WESTMIN RESOURCES, PAMICON DEVELOPMENTS, EQUITY ENGR.

FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

VULTURE 1-42 CLAIMS

CLAIM MAP

N.T.S.: 106C/13, 106D/16	SCALE: 1" = 1/2 mile	FIGURE 2
DATE: NOV., 1994	DRAWN BY:	

4.0 LOCATION, ACCESS AND PHYSIOGRAPHY

The property is located in the Wernecke Mountains of east central Yukon, approximately 170 kilometres northeast of Mayo (Figure 1). The claim group is located 12 kilometres southwest of Fairchild Lake and 19 kilometres north of Gillespie Lake. Coordinates for the centre of the property are 64° 53' north latitude and 134° 00' west longitude.

The project area is accessible from Mayo by float plane to Fairchild Lake or by wheeled aircraft to a 885 metre long gravel airstrip at Copper Point located in the Bonnet Plume River valley, 15 kilometres downstream from Fairchild Lake. Several other airstrips in the area including Bear River, Wind River, Dolores Creek and Bonnet Plume River Mines are either no longer serviceable or are unsafe for aircraft utilized by mineral exploration companies.

Access during the 1994 field program was by fixed wing aircraft to the Copper Point airstrip and base camp. The Vulture property was then reached by helicopter, a distance of 10 kilometres to the south.

The Wind River winter tote road originating near Elsa, was built through the project area during the 1950's to access oil and gas exploration sites to the north and in the 1960's was utilized again during work on the Snake River (Crest) iron deposit. In the late 1960s several spur trails and airstrips were constructed providing access to the Dolores Creek, Wind River and Bonnet Plume copper prospects and to the Bear River iron deposit. The winter road was used by Pan Ocean Oil during their coal and uranium exploration program near Kiwi Lake in 1979 and 1980. Most recently (1994), Westmin Resources utilized the trail to mobilize equipment to construct their airstrip at Copper Point.

Elevations on the property range from 1080 to 2050 metres above sea level and relief varies from moderate to steep. Most of the property lies above tree line and vegetation where present, consists of spruce, dwarf alder and willow. Climate in the area is characterized by six months of cold winter and three to four months of warm to hot summer with May through September the best months for exploration. The average daily January and July temperatures for Mayo are -29° C and 15.2°C with annual precipitation of 306 millimetres of which 40% is snow.

5.0 PREVIOUS WORK

5.1 Area Exploration History

The first copper occurrences were noted by trappers working in the area at the turn of the century. The Slab mineral showing, located in the Bonnet Plume River area was first staked in 1910. In 1935, the McClusky copper occurrences were staked and the Bonnet Plume and Wind River area received sporadic exploration for copper over the next twenty years. Exploration activity was stimulated in the early 1960s when California Standard Company through their subsidiary, Crest Exploration Limited worked on their world class banded iron deposit in the Snake River area. Drilling outlined 18.6 billion tonnes averaging 47% iron in the Hadrynian Rapitan Group (Yeo, 1986).

In the early 1960s, the first copper showing was found at Dolores Creek by L. Brown. Bonnet Plume River Mines Ltd. conducted exploration from 1967 to 1969, at which time limited diamond drilling was completed (Laznicka and Edwards, 1979).

In 1971, the discovery of zinc-lead showigs in the MacKenzie Mountains to the east brought exploration activity to the southeastern portion of the Wernecke Mountains. Continued lead-zinc exploration in the Proterozoic basin led to the discovery of uranium mineralization in 1974 by Archer, Cathro and Associates Ltd. In the period 1975 to 1980, a number of major companies (Urangesellschaft, Noranda) and joint ventures (Wernecke Joint Venture, Mountaineer Mines-Pan Ocean Oil Limited, Prism Syndicate) were involved in exploration of breccia related uranium mineralization. Also at this time Pan Ocean drilled coal reserves on their lower Bonnet Plume leases to outline in excess of 500 million tonnes of low sulphur, high volatile bituminous coal in Cretaceous strata.

The 1980s saw very limited work throughout the project area. Archer-Cathro, Texaco and Cyprus Gold embarked on limited exploration to test the gold potential of some of the known uranium or copper occurrences.

Recent exploration work in the 1990s has been conducted by BHP Minerals, Kennecott Canada, International Prism Exploration and Fairchild Joint Venture on both copper-gold and zinc-lead targets. At present there are over 2000 quartz claims recorded in the Bonnet Plume River area.

5.2 Property Exploration History

Minfile occurrences 106D/16-087 and -089, which lie in the Vulture claims area, were staked in 1980-81 by Texaco Canada Resources Limited as the Snowstar and Sam claim groups. Work performed included airborne radiometric surveys, geological mapping and sampling. At the Snowstar claims chalcopyrite with minor cobaltite and uranium mineralization is associated with breccia bodies and shear zones cutting Fairchild Lake Group limy phyllites. On the Sam claims, the same mineralization has been traced for approximately 100 metres in an east-west trending structure and was visually estimated to grade 1 to 2% Cu over 2 metres (Minfile occurence 106D/16-089).

5.3 1993 Exploration Program

In September 1993, an airborne geophysical survey was completed over the present claims area by Newmont Exploration Limited. Survey data collected included magnetometer and radiometric (U, K and Th) data at 1000 metre spaced lines flown north-south. In October 1993, acquisition of the Vulture 1 to 42 quartz mineral claims was completed by staking, to cover anomalous uranium, potassium and thorium results (Wiles, 1993).

6.0 1994 EXPLORATION PROGRAM

Preliminary field work totalling seven and two-third mandays was completed on the Vulture 1-2, 4-5, 7-8, 10, 12, 15-16, 21-23, 25, 28-34, 36-38, and 41 quartz mineral claims. The program included geological mapping at 1:10000 scale, prospecting and contour soil and stream sediment sampling. Magnetic declination used was 32° east of true north.

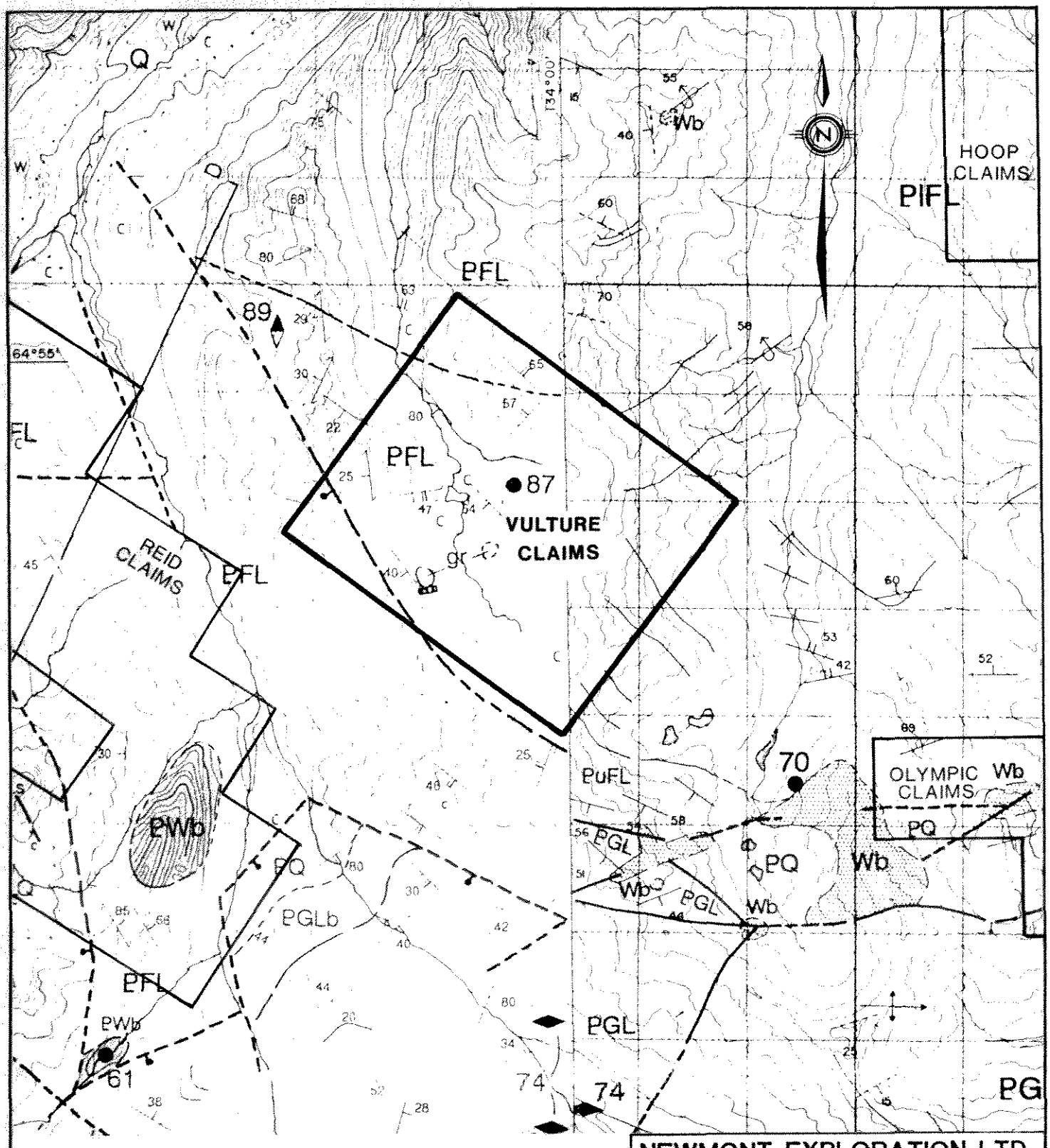
Geological mapping was conducted at 1:10,000 scale. A total of 38 rock samples were taken including grab and float. Eighteen stream sediment samples were collected as part of a regional stream sediment survey from creeks draining the Vulture claim area. Thirty seven soil geochemical samples were collected at 100 metre intervals on reconnaissance contour lines. Soil samples were collected from either "B" or "C" horizon material at depths ranging from 3-12 centimetres. All sample sites were marked in the field by flagging tape and in the case of rock and silt stations by inscribed aluminum tags as well. For both soil and silt samples, detailed notes were recorded by the sampler describing the material collected and physiographic characteristics of each site. Samples were partially dried in camp and shipped to Chemex Labs in North Vancouver, B.C. for preparation and analysed for gold, lanthanum and 24-element ICP geochemistry. Stream sediment samples were also analysed for arsenic. Analytical and stream sediment sampling procedures, rock sample descriptions and a complete set of results may found in the appendices.

7.0 REGIONAL GEOLOGY

This summary of the regional geology is based on work by Delaney (1985), Thorkelson and Wallace (1993) and by Pamicon Developments Limited (Unpublished 1977). References to earlier work are cited by Delaney. Work by Thorkelson and Wallace is based on 1:50,000 mapping of NTS sheet 106C/13 and 106D/16 published jointly by the Yukon and Canadian governments. A complete table of formations including lithologies is presented on the legend following Figure 3. This map is a copy of a portion of Thorkelson and Wallace's 1993 and 1994 publications.

The Wernecke Mountains are cored by at least 14,000 metres of generally fine-grained terrigenous and carbonate rocks of Helikian age that have been penetrated by hematite breccias and cut by mafic sills and dykes. The entire succession has been named the Wernecke Supergroup and has been divided into three groups (oldest to youngest): Fairchild Lake Group, Quartet Group and Gillespie Lake Group. To the east and south, the Hadrynian Pinguicula Group unconformable overlies the Wernecke Supergroup. Paleozoic strata bound the western margin and Cretaceous and Tertiary sediments fill the area to the north in the Bonnet Plume Basin.

The main structural components of the Wernecke terrane are the southeast trending fault splays (Deslauriers, Knorr, and Snake River faults) of the Richardson Fault array. These faults are interpreted to be deep-seated, long-lived, vertical structures which have undergone considerable right lateral and vertical movement. These faults separate the Wernecke Supergroup from younger Proterozoic rocks to the east. In the western part of the area, Lower Paleozoic rocks unconformably overlie the Wernecke Supergroup, forming spectacular angular unconformities. On a regional scale, sediments dip away from the Bonnet Plume valley causing the Proterozoic rock units to be exposed in a northwest trending anticlinal structure.



Geology by:
Thorkelson and Wallace (1993, 1994).

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FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

VULTURE 1 - 42 CLAIMS

REGIONAL GEOLOGY

N.T.S.: 106C/13, 106D/16	SCALE: 1:50,000	FIGURE 3
DATE: NOV., 1994	DRAWN BY:	

LEGEND

(to follow Figure 3)

STRATIFIED ROCKS

Quaternary

Q Alluvium, colluvium and glacial deposits

Middle to Late Proterozoic

Pinguicula Group

PP Maroon and green weathering siltstone; orange and grey weathering dolostone with minor interbeds of maroon to black siltstone; minor basal greenish grey quartzose sandstone with lenses of conglomerate.

Middle Proterozoic

Gillespie Lake Group

PGL Undivided Gillespie Lake Group: orange, brown and grey weathering dolostone and silty dolostone, locally stromatolitic, locally hosting chert nodules and sparry karst infillings, interbedded with subordinate black weathering siltstone and shale, green, grey and brown weathering laminated mudstone, and grey to white weathering quartzose sandstone. Locally developed slaty cleavage in shaley beds. Hosts sedimentary exhalative Zn, Pb, Cu and Ag.

PGLs Black weathering siltstone and shale

PGLb Basal Gillespie Lake Group: cross laminated, orange weathering silty to sandy dolostone interbedded with black weathering shale and grey to white weathering, quartzose, fine grained sandstone

Quartet Group

PQ Black weathering shale, finely laminated dark grey weathering siltstone, and planar to cross laminated light grey weathering siltstone and fine grained sandstone. In upper part of succession, siltstone and fine grained sandstone interbedded with subordinate orange weathering dolostone grades upward into basal Gillespie Lake Group. Slaty cleavage, crenulation cleavage, and microfolds locally present in shaly units

Fairchild Lake Group

PFL Undivided Fairchild Lake Group: siltstone, fine grained sandstone, laminated limy siltstone, and minor carbonate

PuFL Upper Fairchild Lake Group: black weathering siltstone, buff to light grey weathering dolomitic siltstone, orange to brown weathering dolostone, and white weathering dolostone; locally cleaved and crenulated; grades upward into black shale and siltstone of Quartet Group, and downward into lower Fairchild Lake Group

PlFL Lower Fairchild Lake Group: Greenish grey to pink and green weathering calcareous laminated siltstone, grey weathering fine grained sandstone, and minor brown weathering carbonate. Siltstone and sandstone are commonly cross-laminated; siltstone is locally cleaved, crenulated and kinked; base not exposed

INTRUSIVE ROCKS

Middle Proterozoic

Wernecke breccia

Wb Mottled red, green and grey weathering hematitic and dolomitic breccia, and related metasomatized country rock. Breccia contains variably metasomatized clasts of Wernecke Supergroup, and minor dyke rock. Breccia and metasomatites are locally enriched in copper, cobalt, uranium, silver and gold

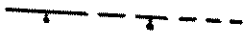
Igneous dykes

Pd Fine to medium grained, mafic to intermediate dykes. **Pdd**, greenish grey weathering, fine to medium grained diorite to gabbro; **Pda**, grey weathering, biotitic andesite to basalt, locally spherulitic and amygdaloidal

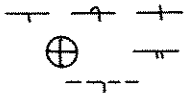
SYMBOLS



stratigraphic or intrusive contact
known, approximate, assumed



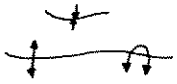
normal or strike-slip fault (pegs on downthrown side)
known, approximate, assumed



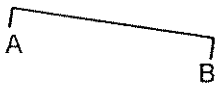
bedding
inclined, overturned, vertical,
horizonal, facing unknown
estimate from airphoto or distant sighting



cleavage
inclined, vertical



fold
syncline
anticline: inclined; overturned



line of cross section

GEOLOGY

106C/13 After Derek J. Thorkelson and Carol A. Wallace, OPEN FILE 1994-6 (G) Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.

8.0 PROPERTY GEOLOGY

The Vulture claim group is underlain by a metamorphosed, folded and faulted sequence of Fairchild Lake Group (**PFL**) sediments and Quartet Group (**PQ**) siliciclastics, which are cut by hematite breccia (**Pwb**) and minor intrusive bodies (**Iap**) (Plate 1). The Fairchild Lake Group stratigraphy has been subdivided into three separate units. The dominant rock unit is a monotonous green to greyish-green and dark grey package of phyllites (**Unit ph**), which are locally limy . Small scale folding noted in this unit shows two separate events, a northwest and southwest fold-axis direction. **Unit dol/slts** consists of interbedded grey siltstone and dolomite, locally hosting quartz-carbonate veins. Alteration in this unit occurs as chlorite + carbonate +/- albite increasing to the east, and magnetite and hematite located proximal to faults and Wernecke breccia. Strong quartz vein stockwork and individual veins up to 3 metres wide occur within unit dol/slts. **Unit shl** consists of black, grey and green weathering laminated shales. Thin units of brown weathering dolomitic siltstone found exposed in the southeastern part of the property make up **Unit slts**. The Quartet Group consists of black- and grey-weathering shales (**Unit shl**). The Quartet Group can be found exposed on ridges and steep side slopes in the southeast corner of the map area. It tends to be recessive and forms large talus fans with little or no outcrop.

Undifferentiated Wernecke breccia (**Pwb**) is exposed in a number of places on the Vulture claims as irregular, discontinuous bodies emplaced near fault structures. Heterolithic breccia (**Unit Pbht**) is found exposed southeast of the Vulture claims. The subangular clasts are 0.5-30 centimetres in diameter, with a matrix composed of a crystalline mass of intergrown albite, iron carbonate and up to 5% specular hematite. Alteration minerals in the Wernecke breccia exist as albite, magnetite, specular hematite, quartz, carbonate, chlorite and potassium feldspar. A 25 metre apalite dyke (**Iap**) with up to 10 % fine to course grained pyrite, is found in the southeast corner of the map area.

9.0 MINERALIZATION

Minor chalcopyrite was noted in breccia and altered siltstone talus in the southwest part of the claim block and in siltstones within quartz veins and along bedding controlled hematite, magnetite and pyrite horizons in the eastern part of the property. Samples returning high gold values in the eastern part of the property were collected from massive specular hematite and magnetite in quartz veins or altered siltstone and hematite breccia. Values range from 30 ppb (#937826) to 595 ppb (#937823) gold, with associated highly anomalous metal values up to a maximum of 1.27% copper, 848 ppm cobalt, 209 ppm nickel and 190 ppm lanthanum. Minor brannerite was noted in silicified siltstone and dolomite over a length of 100 metres adjacent to faulted Wernecke breccia in the northern part of the property. Grab sample #937734, taken from the altered sediments containing the brannerite returned low levels of gold, copper and cobalt.

10.0 STREAM SEDIMENT AND SOIL GEOCHEMISTRY

The stream sediment survey collected samples from the creeks draining the Vulture claim block. These samples along with three RGS (Regional Government Survey) samples are plotted on plates

2 and 3. Table 10.0.1 lists Regional Government Survey (Open file 518) statistical values (n=628). The RGS samples are not directly comparable to the 1994 stream sediment samples, due to differences in sampling procedures.

Table 10.0.1
Stream Sediment Geochemical Thresholds-RGS Survey

PERCENTILE	COPPER (ppm)	COBALT (ppm)	GOLD (ppb)	RATING
				Background
50th	50	15	5	
				High values
75th	75	25	10	
				Moderately anomalous
90th	120	30	15	
				Definitely anomalous
97th	180	50	20	
				Highly anomalous

Silt samples HK94013 and HK94014 returned high gold values of 20 ppb and associated anomalous copper values of 165 ppm and 324 ppm, respectively. These samples were collected from creeks draining the southern claims, where anomalous gold and copper values were found in rock samples taken from quartz veins and altered siltstone and Wernecke breccia hosting massive specular hematite and magnetite. Silt samples taken east of the Vulture claim block are highly anomalous in copper, with a maximum of 1980 ppm in sample #1202. Gold values in this area were relatively low with only three samples returning as high as 15 ppb gold.

Table 10.0.2
Soil Geochemical Thresholds-Fairchild Joint Venture

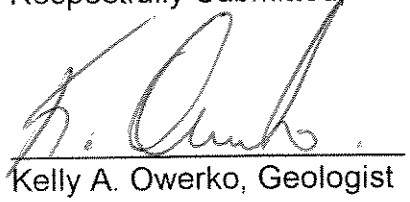
PERCENTILE	COPPER (ppm)	COBALT (ppm)	GOLD (ppb)	RATING
				Background
75th	200(550)	40(87)	5(10)	
				High values
90th	500	80	20	
				Moderately anomalous
97th	1500	175	65	
				Definitely anomalous
99th	3000	300	135	
				Highly anomalous

( ) - Comparative values from the Vulture property and Noranda Prospect data set (n=158).

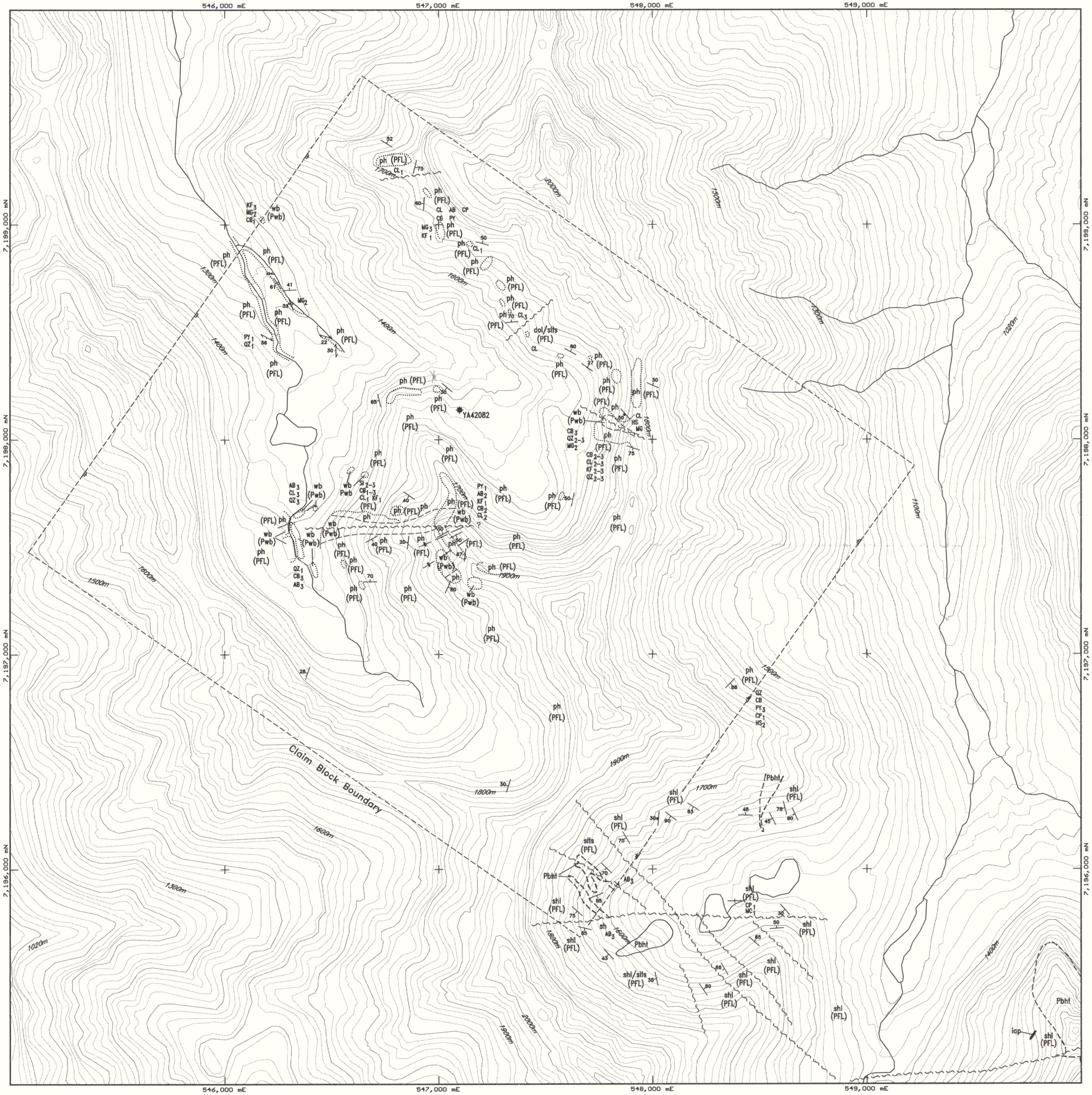
Contour soil sampling survey was done to the southeast of the Vulture claim boundary (Plate 2 and 3). Table 10.0.2 lists statistical levels for all soil samples (n=4317) taken by the Fairchild Joint

Venture since 1992. Thresholds based on 75th, 90th, 97th and 99th percentiles were used to determine regional anomalous levels for copper, cobalt and gold. Copper, cobalt and gold geochemical values are moderately to definitely anomalous throughout most of the contour soil line located in the cirque adjacent to the southeast claim boundary. Greater than 90% of the copper and cobalt soil geochemical values returned >90th regional percentile, with the values ranging from 500-5200 ppm copper and 200-495 ppm cobalt. Gold soil geochemical values returned greater than 25 ppb for the majority of the samples up to a maximum of 410 ppb. Elevated values of nickel (>100 ppm) and zinc (>100 ppm) are also present in samples on the west side of the cirque. The source of high geochemical values is unknown as preliminary prospecting and mapping witnessed only weak fracture-controlled chalcopyrite.

Respectfully Submitted,



Kelly A. Owerko, Geologist
EQUITY ENGINEERING LTD.
Vancouver, British Columbia
January, 1995



EXPLANATION

GEOLOGY

- BEDDING (55)
- OVERTURNED BEDDING (78)
- FOLIATION (20)
- ANTIFORM
- SYNFORM
- LINEATION (20)
- OUTCROP
- CONTACT, DASHED WHERE APPROXIMATE OR INFERRED
- APPROXIMATE FAULT

CLAIM POSTS

- ASSUMED CLAIMPOST
- LOCATED CLAIMPOST
- ENDPOST

LITHOLOGY

dol	Dolomite
wb	Undifferentiated breccia
slts	Siltstone, dolomitic
ph	Phyllite, green phyllitic siltstone
shl	Shale

EXPLANATION

ALTERATION

QZ	Quartz
HS	Specularite
MG	Magnetite
KF	K-spar
AB	Albite
CB	Carbonate
CL	Chlorite
SI	Silica
MC	Malachite

Sulfides

CP	Chalcopyrite
PY	Pyrite

1 – Weak (w)

2 – Moderate (m)

3 – Strong (s)

EXPLANATION

INTERPRETED GEOLOGY

PFL — FAIRCHILD LAKE GROUP (MIDDLE PROTEROZOIC)

Pwb | Pbht | Pbhm — Pwb WERNECKE BRECCIA, UNDIFFERENTIATED; Pbht HETEROLITHIC BRECCIA; Pbhm HOMOLITHIC BRECCIA

MAP AREA:
X: 546000 – 550000
Y: 7195000 – 7200000
Z: 0 – 10000
Units are meters.

093263

Grid North

Magnetic Declination for the center of this map is: 31° 30' East of True North

Grid North is 0° 54.7' East of True North for center of map

NTS Map 106 C/13, D/16

0 100 200 300 m
0 400 800 1200 ft
Scale: 1 : 10,000

NEWMONT EXPLORATION LTD.
WESTMIN RESOURCES, PAMICON DEVELOPMENTS, EQUITY ENGR.

FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

PLATE 1

VULTURE 1-42 CLAIMS

SIMPLIFIED GEOLOGY MAP

Compiled By: H. KLATT	Date Drafted: 11/94	Coordinate System: UTM ZONE 8
Drafted By: GEODRAFTING	File Name: XVUL-GEO.DWG	Contour Interval: 20M

DWG 1

546,000 mE | 547,000 mE | 548,000 mE | 549,000 mE

7,199,000 mN | 7,198,000 mN | 7,197,000 mN | 7,196,000 mN

Cu Geochemistry

Pre 94	1994 Samples
float	
× value	Sample No. × value (ppm)
grab	
□ value	Sample No. □ value
chip	**Rocks**
▨ value	Sample No. ▨ value
channel	
■ value	Sample No. ■ value

Soils

Sample No.	>1500 1500 1000 500 100 <50 ppm

Stream Sediments

RGS	Fairchild JV
>400 400 300 200 100 <50	Sample No. >400 400 300 200 100 <50 ppm

MAP AREA:
X: 545000 - 550000
Y: 7195000 - 7200000
Z: 0 - 10000
Units are meters.

Grid North

Magnetic Declination for the center of this map is: 31° 30' East of True North

Grid North is 0° 54.7' East of True North for center of map

NTS Map 106 C/13, D/16

0 100 200 300m
0 400 800 1200ft
Scale: 1 : 10,000

093263

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FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

PLATE 2

VULTURE 1-42 CLAIMS

Cu IN ROCKS, SOILS AND STREAM SEDIMENTS

Compiled By:	Date Drafted:	Coordinate System:
H. KLATT	11/94	UTM ZONE 8
Drafted By:	File Name:	Contour Interval:
N. MERRITT	XVULCUR.DWG	20M

DWG 2

546,000 mE | 547,000 mE | 548,000 mE | 549,000 mE

7,199,000 mN | 7,198,000 mN | 7,197,000 mN | 7,196,000 mN

Au Geochemistry

Pre 94 | 1994 Samples

float

× value | Sample No. | × value (ppb)

grab

□ value | Sample No. | □ value

chip — Rocks

▨ value | Sample No. | ▨ value

channel

■ value | Sample No. | ■ value

Soils

Sample No. | >90 90 50 30 10 <5 ppb

Stream Sediments

RGS | Fairchild JV

Sample No. | >50 50 30 10 <5 ppb

MAP AREA:
X: 545000 - 550000
Y: 7195000 - 7200000
Z: 0 - 10000
Units are meters.

093263

Grid North

Magnetic Declination for the center of this map is: 31° 30' East of True North

Grid North is 0° 54.7' East of True North for center of map

NTS Map 106 C/13, D/16

0 100 200 300m
0 400 800 1200ft
Scale: 1 : 10,000

NEWMONT EXPLORATION LTD.
WESTMIN RESOURCES, PAMICON DEVELOPMENTS, EQUITY ENGR.

FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

PLATE 3

VULTURE 1-42 CLAIMS

Au IN ROCKS, SOILS AND STREAM SEDIMENTS

Compiled By:	Date Drafted:	Coordinate System:
H. KLATT	11/94	UTM ZONE 8
Drafted By:	File Name:	Contour Interval:
N. MERRITT	XVULAUR.DWG	20M

DWG 3

APPENDIX A

BIBLIOGRAPHY

BIBLIOGRAPHY

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APPENDIX B

LIST OF PERSONNEL

LIST OF PERSONNEL

Tom Bell (Prospector)
207-675 W. Hastings St.
Vancouver, B.C. V6B 1N2

Kimberly Crane (Bull Cook)
1123 Ioco Rd.
Port Moody, B.C. V3H 2W9

Clair Dat (Sampler)
3589 W. 23rd Ave.
Vancouver, B.C.

Shawn Germaine (Sampler)
Box 131
Mayo, Yukon Y0B 1M0

Harvey Klatt (P.Geo.)
711-675 W. Hastings St.
Vancouver, B.C. V6B 1N4

Cyndi Lisson (Cook)
163 Dalton Terrace
Whitehorse, Yukon Y1A 3G2

Al Montgomery (Geologist)
711-675 W. Hastings St.
Vancouver, B.C. V6B 1N4

Eddie Olsen (Sampler)
Box 31131-211 Main St.
Whitehorse, Yukon Y1A 5P7

Kelly Owerko (Sr. Geologist)
207-675 West Hastings Street
Vancouver, B.C. V6B 1N2

Melanie Rose (Bull Cook)
Box 92
Carcross, Yukon Y0B 1B0

Michael Stammers (P.Geo.)
711-675 W. Hastings St.
Vancouver, B.C. V6B 1N4

APPENDIX C

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES
VULTURE 1 - 42 MINERAL CLAIMS

CANADA -- In the matter of geological and geochemical assessment work filed on the Vulture 1 - 42 Mineral Claims

I, Michael A. Stammers agent for Westmin Resources Limited, 904, 1055 Dunsmuir Street, Vancouver, B.C. do solemnly declare that a program consisting of geological mapping and geochemical survey work was carried out on the Vulture 1-2, 4-5, 7-8, 10,12, 15-16, 21-23, 25, 28-34, 36-38 and 41 Mineral Claims during the period June 21-22, 26, 27 July 16, August 16, 21, 28 and September 4, 1994.

The following expenses were incurred during the course of this work and in the compilation and reporting of the results:

PHASE 1

PROFESSIONAL FEES AND WAGES:

Michael A. Stammers, P.Geo.		
2.3 days @ $375/day	$ 862.50	
Allan Montgomery, P.Geo.		
2.3 days @ $375/day	862.50	
Harvey Klatt, MSC. P.Geo.		
1 day @ $300/day	300.00	
Tom Bell, Prospector		
2.3 days @ $250/day	575.00	
E. Olson, Sampler		
1 day @ $200/day	200.00	
Billy Germaine, Sampler		
0.3 days @ $200/day	60.00	
Prorated Wages	699.02	$3,559.02

EXPENSES:

Rentals - Base Camp	$ 79.43
Rentals - Truck	10.66
Rentals - Gen. Set Small	2.66
Rentals - Gen. Set Large	46.18
Rentals - 2 x Base Radio	11.19
Rentals - 2 x Hand Radio	2.00
Rentals - Office	13.32
Rentals - ATV	23.09
Rentals - Chain Saw	3.82
Rentals - Const. Tools	1.55
Electrical - L & L Electrical	11.79

Photocopies	.84	
Reproductions	.37	
Maps & Photos	135.47	
Ortho Photos	29.13	
Materials & Supplies	31.17	
Expediting	46.93	
Telephone - Long Distance	14.28	
Telephone - Space Tel	163.04	
Camp Expendibles	8.20	
Camp Building Materials	121.66	
Camp Food	187.56	
Camp Propane	5.34	
Camp Fuel - Oil	4.05	
Camp Fuel - Gas	1.18	
Field Expendibles	183.96	
Truck Rental - K. Milledge	8.25	
Radio Rental - Motorola	13.54	
Travel - Hotel	44.64	
Travel - Meals	9.94	
Travel - Airfare	80.50	
Travel - Auto	8.24	
Travel - Misc.	1.67	
Freight - Air	22.71	
Freight - Truck	112.66	
Freight - Courier	3.53	
Fuel - Cat	74.60	
Fuel - Helicopter	186.56	
Drum Deposit	125.05	
Licenses - Radio	.82	
Legals - Notary	1.11	
Misc. Expense - Summit Air	53.45	$1,886.14

DIRECT EXPENSES:

Rental - Camp 9.2 days @ 25.00	230.00	$ 230.00

INDIRECT CHARGE:

Assays - Chemex Lab	1544.00	
Helicopter - Prorated	175.55	
Helicopter 5.2 Hrs @ $540	2808.00	
Fixed Wing	884.20	
Cat Charges	58.62	
Report	1000.00	$18,911.38

Management Fees:		
Direct Charges @ 15%	851.27	
Direct Charges @ 7%	452.93	$ 1,304.20
TOTAL:		**$13,449.73**

PHASE 2

PROFESSIONAL FEES AND WAGES:

Michael A. Stammers, P.Geo.		
1 day @ $375/day	$ 375.00	
Owen Lavin, P.Geo.		
1 day @ $375/day	375.00	
Claire Dat, Sampler		
.75 days @ $225/day	168.75	
Shawn Germaine, Sampler		
1.5 days @ $225/day	337.50	
E.Peters, Sampler		
1 day @ $225/day	225.00	
Prorated Wages	908.27	$2,389.52

EXPENSES:

Rentals camp - Crew	$ 48.37
Rentals camp - Newmont	8.11
Rentals camp - TNTA	24.61
Rentals camp - Falcon	2.24
Rentals camp - Linecutter	.56
Rentals camp - Guests	1.40
Clerical time	36.91
Reproductions	2.28
Maps and Photos	60.88
Misc. Expenses	4.27
Materials & Supplies	9.86
Expediting	20.66
Telephone - Long Distance	7.22
Telephone - Space Tel	161.93
Camp Expendibles	19.51
Camp Materials	65.48
Camp Food	158.16
Camp Propane	16.14
Camp Diesel	10.22
Camp Oil	11.60
Camp Gas	2.90

Field Expendibles	43.11	
Radio Rentals	53.99	
ATV Rental	10.63	
Equip. Rental	1.02	
Travel/Hotel	25.26	
Travel - Meals	6.25	
Travel - Airfare	159.38	
Travel - Auto	2.19	
Travel - Misc.	18.73	
Freight - Air	28.16	
Freight - Truck	66.39	
Freight - Courier	9.69	
Freight - Misc.	8.57	
Equipment Repairs	42.00	
Helicopter Fuel	51.26	
Cat - Fuel	80.95	
Drum Deposit	(147.80)	
Explosives	13.00	
Misc. Expenses	20.27	
Rentals - ATV	16.22	
Rentals - Office	16.44	
Rentals - Generator	55.92	
Rentals - Base Radio	5.59	
Rentals - Pamicon Truck	7.55	
Rentals - Chain Saw	3.36	
Rentals - Survey Equipment	2.80	
Recording Fees	0.11	$1,274.35
DIRECT EXPENSES:		
Rental Camp 5.25 days @ 25.00	131.25	$ 131.25
INDIRECT CHARGE:		
Helicopter - Prorated	73.08	
Fixed Wing	774.95	
Cat Charges	16.73	
Report	1000.00	$1,864.76
Management Fees:		
Direct Charges @ 15%	569.27	
Direct Charges @ 7%	130.53	$ 699.80
TOTAL:		**$6,359.68**

TOTAL PHASE 1 AND PHASE 2 $19,809.41

Notes:

1. Wages are based on actual man days spent on the property.
2. Helicopter charges are based on actual hours flown.
3. Assay charges are based on actual numbers of samples from the property.
4. General expenses (all other costs) are prorated according to man days allocated to each property.

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

Dated at Vancouver in the Province of British Columbia this 25 day of JANUARY, 1995.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA M. A. STAMMERS GEOSCIENTIST

Michael A. Stammers, P.Geo.

APPENDIX D

ROCK SAMPLE DESCRIPTIONS

MINERALS AND ALTERATION TYPES

AB	albite	AD	adularia
AK	ankerite	AS	arsenopyrite
AZ	azurite	BA	barite
BI	biotite	BO	bornite
BR	brannerite	CA	calcite
CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CO	cobaltite
CP	chalcopyrite	CY	clay
DI	diopside	DO	dolomite
EP	epidote	ER	erythrite
GA	garnet	GE	goethite
GL	galena	GR	graphite
HE	earthy hematite	HS	specularite
JA	jarosite	KF	potassium feldspar
MC	malachite	MG	magnetite
MN	Mn-oxides	MR	mariposite
MS	muscovite/sericite	NE	neotocite
PO	pyrrhotite	PY	pyrite
QZ	quartz	SI	silica
SP	sphalerite	TT	tetrahedrite

ALTERATION INTENSITIES

m	medium	s	strong	tr	trace
vs	very strong	vw	very weak	w	weak

EQUITY ENGINEERING LTD. ROCK SAMPLE DESCRIPTIONS Page-1-
Property : Vulture NTS : 106 C/13, D/16 Date : January 18, 1995

Sample No.							Au	Ag	Co	Cu	La	Ni
	UTM :	7197850 N	Type : Grab	Alteration :	w-sCB, wKF, m-sSI		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		546630 E	Strike Length Exp. : m	Metallics :	trPY, trBR							
937718	Elevation:	1480 m	Sample Width : m	Secondaries:	w-mHE		<5	0.200	11.00	11	40.00	15.00
	Orientation:	/	True Width : m	Host :	Wernecke breccia / metasomatized seds							

Comments : Metasomatized sediments (typically hematite-quartz +/- K-spar) and Wernecke breccia (litho sample).

Sample No.							Au	Ag	Co	Cu	La	Ni
	UTM :	7198858 N	Type : Float	Alteration :	sCL, mKF		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		547248 E	Strike Length Exp. : m	Metallics :								
937731	Elevation:	1700 m	Sample Width : m	Secondaries:	wHE		<5	0.200	18.00	96	40.00	63.00
	Orientation:	/	True Width : m	Host :	Andesite							

Comments : Altered dark green andesite talus in creek.

Sample No.							Au	Ag	Co	Cu	La	Ni
	UTM :	7198473 N	Type : Float	Alteration :	wCL, mSI		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		547390 E	Strike Length Exp. : m	Metallics :	<1% BR							
937732	Elevation:	1610 m	Sample Width : m	Secondaries:			<5	0.200	8.000	20	10.00	8.000
	Orientation:	/	True Width : m	Host :	Dolostone							

Comments : <1% (brannerite ?) disseminations

Sample No.							Au	Ag	Co	Cu	La	Ni
	UTM :	7198049 N	Type : Grab	Alteration :	sCB, mCL, mQZ		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		547855 E	Strike Length Exp. : m	Metallics :								
937733	Elevation:	1800 m	Sample Width : m	Secondaries:	sHE, sMG		<5	0.200	173.0	12	10.00	55.00
	Orientation:	/	True Width : m	Host :	Fault brecciated siltstone							

Comments : 3-5m wide fault in siltstone with carbonate quartz alteration and massive/stockwork/vein. Breccia matrix contains hematite/magneti
te.

Sample No.							Au	Ag	Co	Cu	La	Ni
	UTM :	7198049 N	Type : Grab	Alteration :	m-sCB, m-sCL, m-sKF,m-sQZ		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		547855 E	Strike Length Exp. : m	Metallics :	wMG, <1%BR							
937734	Elevation:	1800 m	Sample Width : m	Secondaries:	sHE		<5	0.200	10.00	5	10.00	14.00
	Orientation:	/	True Width : m	Host :	Siltstone							

Comments : Altered wall rock on north side of fault.

Sample No.							Au	Ag	Co	Cu	La	Ni
	UTM :	7198068 N	Type : Float	Alteration :	iCB, wCL, wKF, m-sQZ		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		547817 E	Strike Length Exp. : m	Metallics :	>5%MG, tr-1%PY							
937735	Elevation:	1755 m	Sample Width : m	Secondaries:	wGE, mHE, wJA		<5	0.200	426.0	6	90.00	36.00
	Orientation:	/	True Width : m	Host :	Carbonate quartz Wernecke breccia							

Comments : Fe-carbonate(dominated)-quartz breccia

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
			Strike Length Exp. :		Metallics :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937736	Elevation:	1535 m	Sample Width :	m	Secondaries:	wHE	<5	0.200	15.00	2	40.00	47.00
	Orientation:	/	True Width :	m	Host :	Quartz vein stockwork in siltstone						

Comments : Sample collected from several large blocks of talus.

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
			Strike Length Exp. :		Metallics :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937737	Elevation:	1770 m	Sample Width :	m	Secondaries:	mHE	<5	0.600	18.00	3	40.00	18.00
	Orientation:	/	True Width :	m	Host :	Wernecke breccia						

Comments : Lithogeochemical sample of breccia.

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
			Strike Length Exp. :		Metallics :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937738	Elevation:	1680 m	Sample Width :	m	Secondaries:	wHE	<5	0.200	4.000	3	10.00	4.000
	Orientation:	/	True Width :	m	Host :	Wernecke breccia						

Comments : Sample of unique looking breccia in talus/subcrop blocks.

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
			Strike Length Exp. :		Metallics :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937739	Elevation:	1640 m	Sample Width :	m	Secondaries:	wHE	<5	0.200	17.00	10	180.0	33.00
	Orientation:	/	True Width :	m	Host :	Wernecke breccia						

Comments : Lithogeochemical sample of Wernecke breccia.

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
			Strike Length Exp. :		Metallics :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937740	Elevation:	1380 m	Sample Width :	m	Secondaries:	wHE	<5	0.200	20.00	1	10.00	56.00
	Orientation:	/	True Width :	m	Host :	Wernecke breccia						

Comments : Lithogeochemical sample, composite grab of breccia talus plus outcrop in this area.

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
			Strike Length Exp. :		Metallics :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937741	Elevation:	1550 m	Sample Width :	m	Secondaries:	wHE	30	0.200	14.00	2680	20.00	15.00
	Orientation:	/	True Width :	m	Host :	Wernecke breccia						

Comments : 20cm talus boulder of Wernecke breccia with trace chalcopyrite.

Sample No.												
	UTM :	7197262 N	Type : Float	Alteration :	mCB, m-sCL, mKF	Au	Ag	Co	Cu	La	Ni
		546631 E	Strike Length Exp. : m	Metallics :	1%CP,	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937742	Elevation:	1500 m	Sample Width : m	Secondaries:	wHE	30	0.200	49.00	2110	10.00	27.00
	Orientation:	/	True Width : m	Host :	Wernecke breccia						

Comments : Sample taken from 30cm block of talus just below 937741.

Sample No.												
	UTM :	7197356 N	Type : Grab	Alteration :	sCB, wQZ, sAB	Au	Ag	Co	Cu	La	Ni
		546425 E	Strike Length Exp. : 8 m	Metallics :	trCP, trHS, 2%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937772	Elevation:	1430 m	Sample Width : 2 m	Secondaries:	wLI	35	0.200	76.00	16	10.00	29.00
	Orientation:	/	True Width : 2 m	Host :	Albitic Wernecke breccia with Fe-carbonate						

Comments : Abundant quartz vein and stockwork zones.

Sample No.												
	UTM :	7197654 N	Type : Grab	Alteration :	sCL, sQZ, sAB	Au	Ag	Co	Cu	La	Ni
		546356 E	Strike Length Exp. : 20 m	Metallics :	trHS, trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937773	Elevation:	1390 m	Sample Width : 5 m	Secondaries:		10	0.200	24.00	16	40.00	16.00
	Joint	: 062 / 90	True Width : 5 m	Host :	Albite altered Wernecke breccia						

Comments : Abundant quartz veining throughout the breccia unit.

Sample No.												
	UTM :	7199011 N	Type : Chip	Alteration :	wCB, sKF, sAB	Au	Ag	Co	Cu	La	Ni
		546178 E	Strike Length Exp. : m	Metallics :	trHS, trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937774	Elevation:	1310 m	Sample Width : 10 m	Secondaries:	LI	<5	0.200	17.00	5	20.00	33.00
	Orientation:	/	True Width : m	Host :	Green siltstone ?						

Comments :

Sample No.												
	UTM :	7198446 N	Type : Chip	Alteration :	sCL, wQZ, wSI	Au	Ag	Co	Cu	La	Ni
		546232 E	Strike Length Exp. : 25 m	Metallics :	1%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937775	Elevation:	1325 m	Sample Width : 1 m	Secondaries:	mJA	<5	0.200	21.00	145	50.00	32.00
	Foliation	: 296 / 36 SW	True Width : 1 m	Host :	Grey phyllite						

Comments : Axial plane recumbant fold related vein/shears.

Sample No.												
	UTM :	7197188 N	Type : Float	Alteration :		Au	Ag	Co	Cu	La	Ni
		548495 E	Strike Length Exp. : m	Metallics :	1-2%CP, 45%HS, 45%MG	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937822	Elevation:	1465 m	Sample Width : m	Secondaries:	sHE	45	0.200	133.0	1	50.00	105.0
	Orientation:	/	True Width : m	Host :	Banded sediments						

Comments : Sample looks similar to banded iron formation.

Sample No.						Au	Ag	Co	Cu	La	Ni
	UTM :	7197106 N	Type : Float	Alteration :	sQZ	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		548505 E	Strike Length Exp. : m	Metallics :	2-3%HS, 10%PY						
937823	Elevation:	1490 m	Sample Width : m	Secondaries:	mGE, mHE, mJA	595	0.200	848.0	38	10.00	125.0
	Orientation:	/	True Width : m	Host :	Banded sediments						

Comments : Sample taken 50m south of #937822. Mineralization is coarse grained.

Sample No.						Au	Ag	Co	Cu	La	Ni
	UTM :	7196856 N	Type : Float	Alteration :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		548612 E	Strike Length Exp. : m	Metallics :	80%HS, 5%MG, 10%PY						
937824	Elevation:	1520 m	Sample Width : m	Secondaries:		55	0.200	264.0	2	130.0	95.00
	Orientation:	/	True Width : m	Host :	Banded sediments						

Comments : Semi-massive to massive pyrite, specular hematite and magnetite.

Sample No.						Au	Ag	Co	Cu	La	Ni
	UTM :	7196867 N	Type : Float	Alteration :	sCB, sQZ	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		548424 E	Strike Length Exp. : m	Metallics :	>1%CP, 5%HS, 10-15%PY						
937825	Elevation:	1590 m	Sample Width : m	Secondaries:	mHE, mJA	75	0.200	97.00	264	70.00	86.00
	Orientation:	150 / 08 SW	True Width : m	Host :	Siltstone						

Comments : Sediments have undergone folding.

Sample No.						Au	Ag	Co	Cu	La	Ni
	UTM :	7196883 N	Type : Float	Alteration :	sQZ	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		548411 E	Strike Length Exp. : 3 m	Metallics :	0.1%CP, 3-5%PY						
937826	Elevation:	1585 m	Sample Width : 50 cm	Secondaries:	mGE, mHE, mJA	30	0.200	48.00	840	190.0	95.00
	Bedding :	110 / 62 SW	True Width : 50 cm	Host :	Siltstone						

Comments : Sediments have undergone folding. Sample taken 10m north downslope from #937826.

Sample No.						Au	Ag	Co	Cu	La	Ni
	UTM :	7197021 N	Type : Float	Alteration :	sQZ	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		548267 E	Strike Length Exp. : m	Metallics :	trCP, 45%HS, 45%MG						
937827	Elevation:	1610 m	Sample Width : m	Secondaries:	sHE, sJA	230	0.200	23.00	3	30.00	79.00
	Orientation:	/	True Width : m	Host :	Siltstone						

Comments : Massive banding of specular hematite and magnetite.

Sample No.						Au	Ag	Co	Cu	La	Ni
	UTM :	7197421 N	Type : Float	Alteration :	QZ	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		548298 E	Strike Length Exp. : m	Metallics :	15%HS, 15%MG, 10%PY						
937828	Elevation:	1600 m	Sample Width : m	Secondaries:	sGE, sMG, sJA	30	0.200	118.0	1	10.00	130.0
	Orientation:	/	True Width : m	Host :	Siltstone						

Comments : Mineralization occuring in quartz stringers.

Sample No.	UTM :	7196488 N	Type : Float	Alteration :	mCB, mCL,	Au (ppb)	Ag (ppm)	Co (ppm)	Cu (ppm)	La (ppm)	Ni (ppm)
		547369 E	Strike Length Exp. : m	Metallics :	1%CP, 1-2%PY						
937829	Elevation:	1740 m	Sample Width : m	Secondaries:	mHE, mJA, mMC	310	0.600	111.0	4400	30.00	63.00
	Orientation:	/	True Width : m	Host :	Siltstone						

Comments : Talus below cliffs.

Sample No.	UTM :	7196485 N	Type : Float	Alteration :	sCB	Au (ppb)	Ag (ppm)	Co (ppm)	Cu (ppm)	La (ppm)	Ni (ppm)
		547369 E	Strike Length Exp. : m	Metallics :	1-2%HS, >1%PY						
937830	Elevation:	1490 m	Sample Width : m	Secondaries:	mHE	<5	0.200	124.0	35	10.00	99.00
	Orientation:	/	True Width : m	Host :	Carbonate cemented breccia						

Comments : Talus below cliffs.

Sample No.	UTM :	7196475 N	Type : Float	Alteration :	sCB, mCL	Au (ppb)	Ag (ppm)	Co (ppm)	Cu (ppm)	La (ppm)	Ni (ppm)
		547405 E	Strike Length Exp. : m	Metallics :	>1%HS, 3-5%PY						
937831	Elevation:	1754 m	Sample Width : m	Secondaries:	mGE, wHE, mJA	305	0.400	293.0	45	110.0	146.0
	Orientation:	/	True Width : m	Host :	Carbonate cemented breccia						

Comments : Talus below cliffs.

Sample No.	UTM :	7196536 N	Type : Float	Alteration :	sCB, sCL	Au (ppb)	Ag (ppm)	Co (ppm)	Cu (ppm)	La (ppm)	Ni (ppm)
		547023 E	Strike Length Exp. : m	Metallics :	10-15%CP, 2-3%HS, 1-2%PY						
937832	Elevation:	1680 m	Sample Width : m	Secondaries:	mHE, mJA, wMC	45	3.800	63.00	12700	30.00	165.0
	Orientation:	/	True Width : m	Host :	Dark grey siltstone						

Comments : Talus below cliffs.

Sample No.	UTM :	7196833 N	Type : Float	Alteration :	sQZ,	Au (ppb)	Ag (ppm)	Co (ppm)	Cu (ppm)	La (ppm)	Ni (ppm)
		546493 E	Strike Length Exp. : m	Metallics :	5-10%PY						
937833	Elevation:	1565 m	Sample Width : m	Secondaries:	sGE, sHE, sJA	10	1.000	117.0	249	30.00	209.0
	Orientation:	/	True Width : m	Host :	Dark green sediments						

Comments : Talus below cliffs.

Sample No.	UTM :	7196846 N	Type : Float	Alteration :	mCL, sQZ	Au (ppb)	Ag (ppm)	Co (ppm)	Cu (ppm)	La (ppm)	Ni (ppm)
		546468 E	Strike Length Exp. : m	Metallics :	1-2%HS, 3-5%PY						
937834	Elevation:	1565 m	Sample Width : m	Secondaries:		5	0.200	151.0	8	70.00	81.00
	Orientation:	/	True Width : m	Host :	Breccia						

Comments : Talus below cliffs. Sample taken 20m north of #937833

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
					Metallics :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937835	Elevation:	1530 m	Sample Width :	3 m	Secondaries:	mHE	10	0.200	62.00	19	10.00	30.00
	Orientation:	000 / 90	True Width :	3 m	Host :	Intrusive						

Comments : Grab taken across 3m vertically dipping dyke.

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
					Metallics :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937836	Elevation:	1510 m	Sample Width :	2 m	Secondaries:	mHE	<5	0.200	46.00	32	40.00	33.00
	Orientation:	/	True Width :	m	Host :	Heterolithic breccia						

Comments :

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
					Metallics :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937837	Elevation:	1430 m	Sample Width :	7 m	Secondaries:	mHE	<5	0.200	28.00	4	10.00	23.00
	Orientation:	/	True Width :	m	Host :	Heterolithic breccia						

Comments :

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
					Metallics :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937888	Elevation:	1700 m	Sample Width :	m	Secondaries:		<5	0.200	63.00	136	30.00	35.00
	Orientation:	/	True Width :	m	Host :	Pale buff-green siltstone						

Comments :

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
					Metallics :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937889	Elevation:	1500 m	Sample Width :	m	Secondaries:	sLI	45	<0.2	302	152	70	63
	Orientation:	/	True Width :	m	Host :	Siltstone						

Comments : Brannerite noted in talus near sample site.

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
					Metallics :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937890	Elevation:	1500 m	Sample Width :	m	Secondaries:		85	<0.2	114	94	20	60
	Orientation:	/	True Width :	m	Host :	Siltstone						

Comments : Sample taken at same location as #937889.

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ample No.	UTM :	7202646 N	Type : Grab	Alteration :	sSI	Au	Ag	Co	Cu	La	Ni
		546035 E	Strike Length Exp. : 5 m	Metallics :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
37940	Elevation:		Sample Width : 30 cm	Secondaries:		125.0	0.200	22.00	28200	50.00	25.00
	Joint : 145 / 75 NW		True Width : 30 cm	Host :	Banded siltstone						

omments :

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ample No.	UTM :	7202516 N	Type : Grab	Alteration :	mBI, sCB	Au	Ag	Co	Cu	La	Ni
		546027 E	Strike Length Exp. : 10 m	Metallics :	1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
37941	Elevation: 820 m		Sample Width : 5 m	Secondaries:		<5.000	0.200	3.000	40	10.00	11.00
	Orientation: /		True Width : m	Host :	Heterolithic breccia						

omments :

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ample No.	UTM :	7195905 N	Type : Grab	Alteration :	w-mCL, wQZ, w-mAB	Au	Ag	Co	Cu	La	Ni
		548434 E	Strike Length Exp. : 8 m	Metallics :	trCP, 1%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
32611	Elevation: 1470 m		Sample Width : 5 m	Secondaries:	wGE, vwMC	55.00	0.200	34.00	2700	40.00	43.00
	Orientation: 150 / ?		True Width : ? m	Host :	Albitized green laminated mudstone						

omments : 5cm chip intervals, possibly fault related. Zone is perpendicular to bedding.

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ample No.	UTM :	7195038 N	Type : Chip	Alteration :	QZ	Au	Ag	Co	Cu	La	Ni
		549046 E	Strike Length Exp. : m	Metallics :	2%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
33303	Elevation: 1400 m		Sample Width : 2 m	Secondaries:	None	<5.000	1.600	9.000	131	30.00	4.000
	Orientation: /		True Width : 2 m	Host :	Black argillite						

omments : Quartz vein in crenulation cleavage of chevron folds plunging.

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ample No.	UTM :	7195015 N	Type : Chip	Alteration :	QZ	Au	Ag	Co	Cu	La	Ni
		549018 E	Strike Length Exp. : m	Metallics :	1%CP, 2%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
33304	Elevation: 1380 m		Sample Width : 50 cm	Secondaries:	None	<5.000	0.200	25.00	122	30.00	36.00
	Veining : /		True Width : 50 cm	Host :	Black argillite						

omments : AC joint at 003/75E.

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ample No.	UTM :	7196768 N	Type : Float	Alteration :	sCB, w?KF, w?AB	Au	Ag	Co	Cu	La	Ni
		549496 E	Strike Length Exp. : m	Metallics :	60%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
37781	Elevation: 1185 m		Sample Width : 20 cm	Secondaries:	wJA	125	0.200	37.00	105	60.00	44.00
	Orientation: /		True Width : 20 cm	Host :	Fe-carbonate altered homolithic Wernecke breccia						

omments : Massive fine-grained pyrite seam in Wernecke breccia boulder, in down-ice direction from reported Noranda Au showing.
Located between silt samples HK94-024 and 025.

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
		7196798 N	Type :	Float	Alteration :	wCB, wCL, wQZ						
		549466 E	Strike Length Exp. :	m	Metallics :	70%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937782	Elevation:	1180 m	Sample Width :	20 cm	Secondaries:	wJA	165	0.400	1345	31	120.0	142.0
	Orientation:	/	True Width :	m	Host :	Massive pyrite						

Comments : Sample taken above the junction of the two main creeks. 25cm wide zone.

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
		7195136 N	Type :	Float	Alteration :	sCL						
		549292 E	Strike Length Exp. :	m	Metallics :	10-15%HS, 50-60PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937845	Elevation:	1425 m	Sample Width :	m	Secondaries:	sGE, sHE, mJA	95.00	0.400	42.00	88	160.0	74.00
	Orientation:	/	True Width :	m	Host :	Breccia						

Comments :

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
		7195083 N	Type :	Float	Alteration :	sCL						
		549287 E	Strike Length Exp. :	m	Metallics :	20-30%HS, 5-7%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937846	Elevation:	1425 m	Sample Width :	m	Secondaries:	mGE, sHE, mJA	<5.000	0.200	36.00	2	50.00	28.00
	Orientation:	/	True Width :	m	Host :	Breccia						

Comments :

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
		7195103 N	Type :	Float	Alteration :	sCL, sKF						
		549269 E	Strike Length Exp. :	m	Metallics :	trCP	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937964	Elevation:	1420 m	Sample Width :	m	Secondaries:	2%HE, mMC	<5	0.200	11.00	677	40.00	55.00
	Orientation:	/	True Width :	m	Host :	Wernecke breccia						

Comments : Chloritic with strongly K-spar altered fragments, disseminated hematite. Moderate malichite on breccia talus.

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
		7195101 N	Type :	Float	Alteration :	sCB, wMS, wSI, wAB						
		549269 E	Strike Length Exp. :	m	Metallics :	.5-1%CP	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937965	Elevation:	1420 m	Sample Width :	m	Secondaries:	5%HE, wMC	<5.000	0.200	12.00	3350	10.00	11.00
	Orientation:	/	True Width :	m	Host :	Wernecke breccia						

Comments : Mineralized dolomitic type Wernecke breccia

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
		7195103 N	Type :	Float	Alteration :	wCB, w-mMS, sSI, sAB						
		549269 E	Strike Length Exp. :	m	Metallics :	1%MG, 3%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
937966	Elevation:	1420 m	Sample Width :	m	Secondaries:	5%HE	<5.000	0.200	101.0	12	10.00	32.00
	Orientation:	/	True Width :	m	Host :	Wernecke breccia						

Comments : Sample of unmineralized breccia. Quartz-albite altered breccia

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Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
		7195212 N	Type :	Float	Alteration :	sCL, wKF	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		549320 E	Strike Length Exp. :	m	Metallics :							
937967	Elevation:	1410 m	Sample Width :	m	Secondaries:	mHE, wMC	<5	0.200	15.00	541	10.00	18.00
	Orientation:	/	True Width :	m	Host :	Wernecke breccia						

Comments : Mineralized Wernecke breccia talus, K-spar alteration only in clasts Strong chloritic matrix.

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
		7195324 N	Type :	Float	Alteration :	sSI	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		549351 E	Strike Length Exp. :	m	Metallics :	3-5%PY						
937968	Elevation:	1400 m	Sample Width :	m	Secondaries:	wGE, sJA, wMN	<5.000	0.200	263.0	128	10.00	16.00
	Orientation:	/	True Width :	m	Host :	Silicified silts						

Comments : Talus of intensly silica altered silts some drusy texture.

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
		7195382 N	Type :	Float	Alteration :	wCB, sSI	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		549374 E	Strike Length Exp. :	m	Metallics :	<5%MG, 10%PY						
937969	Elevation:	1400 m	Sample Width :	m	Secondaries:	sGE, sJA, ?HE	15.00	0.200	231.0	6	10.00	29.00
	Orientation:	/	True Width :	m	Host :	silica altered breccia						

Comments : grey to white silica with pyrite and magnetite, looks like silica altered breccia in places.

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
		7195005 N	Type :	Select	Alteration :	wCB, mCL	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		549925 E	Strike Length Exp. :	m	Metallics :							
937974	Elevation:	1850 m	Sample Width :	m	Secondaries:	50%HE, w-sJA, wMC	<5.000	0.200	7.000	6060	100.0	48.00
	Orientation:	/	True Width :	m	Host :	Wernecke breccia, hematite rich						

Comments : 4M wide zone of strong hematite and weak malachite stain, located near sediment contact, grades into less hematitic un-mineralized quartz-sericite-albite?-carbonate breccia at sides, strike length aproximately 10m.

Sample No.	UTM :		Type :		Alteration :		Au	Ag	Co	Cu	La	Ni
		7195243 N	Type :	Float	Alteration :	mCB, wCL, wKF, sSI	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		549840 E	Strike Length Exp. :	m	Metallics :	trCP						
937975	Elevation:	1765 m	Sample Width :	m	Secondaries:	sHE, w-mMC	<5.000	0.200	33.00	3560	20.00	18.00
	Orientation:	/	True Width :	m	Host :	Quartz-albite type Wernecke breccia						

Comments : Select sample of malachite stained Wernecke breccia in narrow talus shoot (4km.) K-feldspar alteration in clasts only

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APPENDIX E

ANALYTICAL PROCEDURES
AND
CERTIFICATES OF ANALYSES

Chemex Labs Ltd.

Analytical Chemists *Geochemists* *Registered Assayers*

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CHEMEX LABS LTD ANALYTICAL PROCEDURES

1. TRACE ANALYSIS

Gold

Fire Assay Collection/ Atomic Absorption Spectroscopy (FA-AA)

Chemex Code: 983

A 30g sample is fused with a neutral lead oxide flux inquarted with 6mg of gold-free silver and then cupelled to yield a precious metal bead.

These beads are digested for 30 mins in 0.5ml concentrated nitric acid, then 1.5ml of concentrated hydrochloric acid are added and the mixture is digested for 1 hr. The samples are cooled, diluted to a final volume of 5ml, homogenized and analyzed by atomic absorption spectroscopy.

Detection limit: 5 ppb Upper Limit: 10,000 ppb

Arsenic ppm - Chemex Code 13

A 1.0 gram sample is digested with HNO3 - aqua regia acids for approximately 2 hours. The digested solution is diluted to volume and mixed. An aliquot of the digest is acidified and reduced with $NaBH_4$ and arsenic content determined using flameless atomic absorption.

Detection limit: 1 ppm

Chemex Labs Ltd.

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24-Element Geochemistry Package (24-ICP)

Inductively-Coupled Plasma Atomic Emission Spectroscopy (ICP-AES)

The 24 element rock geochemistry package provides quantitative analysis of all major elements (except silicon) as well as most important trace elements.

A prepared sample (0.50g) is digested with perchloric, nitric and hydrofluoric acids to dryness. The residue is taken up in a volume of 25ml of 10% hydrochloric acid and the resulting solution is analyzed by inductively-coupled plasma atomic emission spectroscopy. Results are corrected for spectral interelement interferences.
For this project only uranium and lanthanum were also analyzed.

Chemex Code	Element	Detection Limit	Upper Limit
573	Aluminum	0.01 %	15 %
565	Barium	10 ppm	1 %
575	Beryllium	0.5 ppm	0.01 %
561	Bismuth	2 ppm	1 %
576	Calcium	0.01 %	25 %
562	Cadmium	0.5 ppm	0.05 %
569	Chromium	1 ppm	1 %
563	Cobalt	1 ppm	1 %
577	Copper	1 ppm	1 %
566	Iron	0.01 %	15 %
560	Lead	2 ppm	1 %
570	Magnesium	0.01 %	15 %
568	Manganese	5 ppm	1 %
554	Molybdenum	1 ppm	1 %
564	Nickel	1 ppm	1 %
559	Phosphorus	10 ppm	1 %
584	Potassium	0.01 %	10 %
578	Silver	0.5 ppm	0.02 %
583	Sodium	0.01 %	10 %
582	Strontium	1 ppm	1 %
579	Titanium	0.01 %	10 %
556	Tungsten	10 ppm	1 %
572	Vanadium	1 ppm	1 %
558	Zinc	2 ppm	1 %
	Uranium	10 ppm	1 %
	Lanthanum	10 ppm	1 %

Chemex Labs Ltd.

Analytical Chemists *Geochemists* *Registered Assayers*

212 Brooksbank Ave.
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Phone: (604) 984-0221
Telex: 043-52597

PREPARATION METHODS

201 - DRY, SIEVE TO -80 MESH

a) Geochemical soil/silt samples are usually received in High/wet-strength 4x6 soil gusset bags. Sample sets are ordered, and dried for 12 to 24 hours at 50 deg. C.

b) The dried sample is hammered, to desegregate the soil particles, and then poured from the gusset bag into an 8 inch dia. 80 mesh stainless steel screen.

c) The sieve is shaken horizontally over a large clean piece of paper, where the -80 mesh fraction accumulates. When all the -80 fraction has passed through the sieve the +80 portion is discarded.

d) The -80 fraction is poured into a 2x3 coin envelope, which contains the exact same number as the submitted sample, for distribution to the analytical lab.

202 - DRY, SIEVE TO -80 MESH, SAVE +80 FRACTION

a) and b) see sections a) and b) of 201 c) The sieve is shaken horizontally over a large clean piece of paper, where the -80 mesh fraction accumulates. When all the -80 fraction has passed through the sieve the +80 portion is poured into a new 4x6 gusset bag (which contains the same number as the submitted sample), boxed, and filed. d) The -80 fraction is poured into a 2x3 coin envelope, which contains the exact same number as the submitted sample, for distribution to the analytical lab.

203 - DRY, SIEVE TO -35 MESH

a) Geochemical soil/silt samples are usually received in High/wet-strength 4x6 soil gusset bags. Sample sets are ordered, and dried for 12 to 24 hours at 50 deg. C.

b) The dried sample is hammered, to desegregate the soil particles, and then poured from the gusset bag into an 8 inch dia. 35 mesh stainless steel screen.

c) The sieve is shaken horizontally over a large clean piece of paper, where the -35 mesh fraction accumulates. When all the -35 fraction has passed through the sieve the +35 portion is discarded.

d) The -35 fraction is put into a ring grinder and rung to approximately 150 mesh. The pulp is put into a 2x3 coin envelope (same sample numbered envelope) for distribution to the analytical lab.

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PREPARATION METHODS - ROCK/ORE

205 - GEOCHEM RING

a) Samples arrive in poly or olefin rock bags. Samples are ordered prior to crushing.

b) The sample is poured into a primary jaw, and crushed to approximately 1/4 inch. This is secondary crushed in a roll crusher to approximately 10 mesh.

c) The crushed sample is then split using a Jones Riffle splitter to approximately 200 to 250 grams. The reject is poured into the original bag for storage, or return to client.
d) The sample split is put into a Rocklabs (large ring) ring mill, and rung to approximately 150 mesh. The pulped sample is poured into a 4x6 tin-top bag, (which has been labeled with the original number), for distribution to the analytical lab.

217 - GEOCHEM RING - ENTIRE SAMPLE (Used for samples 200 grams or less)

a) The entire sample is put into a Rocklabs (large ring) ring mill, and rung to approximately 150 mesh. The pulped sample is poured into a 4x6 tin-top bag (correctly labeled), for distribution to the analytical lab.

208 - ASSAY RING

a) Samples arrive in poly or olefin rock bags. Samples are ordered prior to crushing.

b) The sample is poured into a primary jaw, and crushed to approximately 1/4 inch. This is secondary crushed in a roll or cone crusher to approximately 10 mesh.

c) The crushed sample is then split using a Jones Riffle splitter to approximately 200 to 250 grams. The reject is poured into the original bag for storage, or return to client.

d) The sample split is put into a Rocklabs (large ring) ring mill, and rung to approximately 150 mesh. The pulped sample is poured into a 4x6 tin-top bag, (which has been labeled with the original number), sealed prior to being distributed to the analytical lab.

207 - ASSAY ROTARY PULVERIZE

a) and b) - see sections a) and b) under 208 c) The crushed sample is then split using a Jones Riffle splitter to approximately 250 to 350 grams. The reject is poured into the original bag for storage, or return to client. d) The sample split is ground in a Bico rotary pulverizer and screened to 140 mesh. The +140 material is visually inspected for metallics. e) If NO metallics are found, then the +140 fraction is hand ground to -140. The entire sample is then homogenized (by rolling). f) IF metallics are found, they are put into a separate coin envelope, kept with the original sample, and fused separately. The entire -140 fraction is homogenized.

Chemex Labs Ltd.

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To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9424078

Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE A9424078

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHLD-REGIONAL XV
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 3-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	3	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
13	3	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000

Chemex Labs Ltd.

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To: PAMICON DEVELOPMENTS LIMITED *
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Page Number : 1
Total Pages : 1
Certificate Date: 03-SEP-94
Invoice No. : I9424078
P.O. Number :
Account : BM W

Project : FAIRCHLD-REGIONAL XV
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9424078

SAMPLE	PREP CODE	As ppm
AM 94029	244 --	2
AM 94030	244 --	12
AM 94031	244 --	14

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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PHONE: 604-984-0221

To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9424066

Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE A9424066

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD-VULTURE
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 3-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	4	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
13	4	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: PAMICON DEVELOPMENTS LIMITED *
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project : FAIRCHILD-VULTURE
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

Page Number :1
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Certificate Date: 03-SEP-94
Invoice No. :I9424066
P.O. Number :
Account :BM W

CERTIFICATE OF ANALYSIS A9424066

SAMPLE	PREP CODE	As ppm
HK94013	244 --	34
HK94014	244 --	76
HK94015	244 --	32
HK94016	244 --	14

CERTIFICATION: Ian H Bucholz

Chemex Labs Ltd.

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To: PAMICON DEVELOPMENTS LIMITED
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V6B 1N4

A9421592

Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE A9421592

PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD-XV
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 4-AUG-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	3	Geochem ring to approx 150 mesh
294	3	Crush and split (6-10 pounds)
285	3	ICP - HF digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	3	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	3	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	3	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	3	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	3	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	3	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	3	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	3	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	3	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	3	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	3	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	3	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	3	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	3	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	3	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	3	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	3	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	3	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	3	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	3	Pb ppm: 24 element, rock & core	AAS	2	10000
582	3	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	3	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	3	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	3	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	3	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	3	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

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To: PAMICON DEVELOPMENTS LIMITED
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711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project : FAIRCHILD-XV
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

Certificate Date: 04-AUG-94
Invoice No. : I9421592
P.O. Number :
Account : BM W

CERTIFICATE OF ANALYSIS A9421592

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
937888	205	294	< 5	< 0.2	7.66	360	0.5	4	0.31	< 0.5	63	134	136	4.31	1.35	1.33
937889	205	294	45	< 0.2	4.82	230	< 0.5	< 2	0.09	1.0	302	75	152	16.20	1.03	1.71
937890	205	294	85	< 0.2	4.18	230	< 0.5	< 2	0.03	1.0	114	178	94	14.90	0.73	1.35

CERTIFICATION: Stuart Buchler

Chemex Labs Ltd.

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Page Number : 1-B
Total Pages : 1
Certificate Date: 04-AUG-94
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P.O. Number :
Account : BM W

Project : FAIRCHILD-XV
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9421592

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP		
937888	205	294	380	< 1	3.36	35	600	< 2	28	0.08	81	< 10	28	30		
937889	205	294	435	6	0.19	63	510	< 2	6	0.10	64	< 10	26	70		
937890	205	294	430	8	0.16	60	230	< 2	15	0.03	87	< 10	30	20		

CERTIFICATION: Ian Buchlay

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To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9419283

Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE A9419283

PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD-VULTURE
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 11-JUL-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	33	Geochem ring to approx 150 mesh
226	33	0-5 lb crush and split
285	33	ICP - HF digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	33	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	33	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	33	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	33	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	33	Be ppm: 24 element, rock & core	ICP-AES	0.5	10000
561	33	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	33	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	33	Cd ppm: 24 element, rock & core	ICP-AES	0.5	10000
563	33	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	33	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	33	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	33	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	33	K %: 24 element, rock & core	ICP-AES	0.01	20.0
570	33	Mg %: 24 element, rock & core	ICP-AES	0.01	20.0
568	33	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	33	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	33	Na %: 24 element, rock & core	ICP-AES	0.01	5.00
564	33	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	33	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	33	Pb ppm: 24 element, rock & core	AAS	2	10000
582	33	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	33	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	33	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	33	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	33	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	33	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

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V6B 1N4

Page Number :1-A
Total Pages :1
Certificate Date: 11-JUL-94
Invoice No. :I9419283
P.O. Number :
Account :BM W

Project : FAIRCHILD-VULTURE
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9419283

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
937718	205	226	< 5	< 0.2	6.73	120	< 0.5	< 2	3.75	< 0.5	11	94	11	5.18	0.83	1.48
937731	205	226	< 5	< 0.2	5.91	1390	1.0	< 2	1.45	< 0.5	18	138	96	3.34	4.05	1.72
937732	205	226	< 5	< 0.2	8.20	2090	1.5	6	5.59	< 0.5	8	102	20	0.90	0.50	1.08
937733	205	226	< 5	< 0.2	1.37	40	< 0.5	< 2	3.40	< 0.5	173	69	12	>25.0	0.15	0.35
937734	205	226	< 5	< 0.2	7.89	100	1.0	< 2	2.65	< 0.5	10	98	5	4.09	0.59	1.01
937735	205	226	< 5	< 0.2	2.96	120	< 0.5	< 2	7.21	< 0.5	426	82	6	13.75	0.48	2.70
937736	205	226	< 5	< 0.2	5.54	460	< 0.5	< 2	0.39	< 0.5	15	188	2	8.66	1.57	1.04
937737	205	226	< 5	0.6	5.87	290	< 0.5	< 2	3.01	< 0.5	18	121	3	6.20	1.82	1.62
937738	205	226	< 5	< 0.2	7.68	30	1.5	< 2	4.06	< 0.5	4	92	3	1.46	0.14	1.78
937739	205	226	< 5	< 0.2	8.57	40	< 0.5	< 2	1.38	< 0.5	17	89	10	4.27	0.21	1.29
937740	205	226	< 5	< 0.2	5.00	10	< 0.5	< 2	2.37	< 0.5	20	103	< 1	18.85	0.06	1.20
937741	205	226	30	< 0.2	6.12	90	< 0.5	< 2	3.05	< 0.5	14	108	2680	5.87	0.58	2.15
937742	205	226	30	< 0.2	7.24	210	< 0.5	< 2	4.35	< 0.5	49	97	2110	5.30	0.99	1.25
937772	205	226	35	< 0.2	5.28	100	< 0.5	< 2	1.92	< 0.5	76	118	16	3.27	0.36	0.75
937773	205	226	10	< 0.2	4.78	250	< 0.5	< 2	1.03	< 0.5	24	169	16	5.06	1.09	1.07
937774	205	226	< 5	< 0.2	7.68	30	< 0.5	< 2	0.74	< 0.5	17	78	5	8.05	0.11	0.66
937775	205	226	< 5	< 0.2	9.26	650	1.5	< 2	0.11	< 0.5	21	108	145	5.65	2.33	1.41
937822	205	226	45	< 0.2	5.04	170	< 0.5	< 2	0.71	< 0.5	133	83	< 1	17.40	0.12	1.34
937823	205	226	595	< 0.2	0.16	20	< 0.5	4	0.03	< 0.5	848	419	38	7.71	0.01	0.03
937824	205	226	55	< 0.2	5.77	140	< 0.5	< 2	0.17	< 0.5	264	98	2	17.55	0.96	3.05
937825	205	226	75	< 0.2	6.19	240	1.0	< 2	0.07	< 0.5	97	180	264	9.61	0.95	1.79
937826	205	226	30	< 0.2	7.16	150	< 0.5	< 2	0.29	< 0.5	48	98	840	8.84	0.40	2.26
937827	205	226	230	< 0.2	1.34	10	< 0.5	< 2	0.04	< 0.5	23	51	3	>25.0	0.13	0.47
937828	205	226	30	< 0.2	4.90	40	< 0.5	< 2	0.17	< 0.5	118	103	< 1	20.8	0.16	1.61
937829	205	226	310	0.6	7.10	180	1.0	< 2	0.82	< 0.5	111	147	4400	2.69	1.49	0.69
937830	205	226	< 5	< 0.2	5.51	60	< 0.5	< 2	6.03	< 0.5	124	299	35	6.23	0.35	4.23
937831	205	226	305	0.4	7.28	120	< 0.5	< 2	0.20	< 0.5	293	121	45	8.49	0.67	3.08
937832	205	226	45	3.8	6.68	460	0.5	< 2	0.08	< 0.5	63	223	>10000	6.15	1.74	1.42
937833	205	226	10	1.0	6.46	40	0.5	18	1.10	< 0.5	117	165	249	4.20	0.24	0.46
937834	205	226	5	< 0.2	5.42	300	< 0.5	< 2	2.75	< 0.5	151	133	8	7.10	1.41	2.15
937835	205	226	10	< 0.2	5.31	80	< 0.5	< 2	5.14	< 0.5	62	139	19	3.73	0.28	2.05
937836	205	226	< 5	< 0.2	7.74	860	1.0	< 2	1.23	< 0.5	46	154	32	4.66	2.43	1.67
937837	205	226	< 5	< 0.2	4.18	240	< 0.5	< 2	4.20	< 0.5	28	148	4	7.12	0.93	2.29

CERTIFICATION: Ian Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: PAMICON DEVELOPMENTS LIMITED *
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Page Number : 1-B
Total Pages : 1
Certificate Date: 11-JUL-94
Invoice No. : I9419283
P.O. Number :
Account : BM W

Project : FAIRCHILD-VULTURE
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9419283

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP		
937718	205 226	2900	< 1	4.14	15	770	< 2	28	0.17	54	< 10	16	40		
937731	205 226	1035	< 1	0.68	63	620	8	90	0.27	64	< 10	74	40		
937732	205 226	2000	2	8.58	8	1300	6	126	0.09	27	< 10	8	< 10		
937733	205 226	1340	7	0.41	55	360	< 2	9	0.03	49	20	16	< 10		
937734	205 226	1830	1	5.02	14	530	4	50	0.08	39	< 10	26	10		
937735	205 226	4750	52	1.27	36	850	< 2	35	0.03	28	30	26	90		
937736	205 226	295	< 1	0.27	47	1590	< 2	36	0.06	72	< 10	12	40		
937737	205 226	2550	< 1	1.50	18	630	< 2	14	0.16	61	10	14	40		
937738	205 226	2290	< 1	6.00	4	700	< 2	46	0.06	20	< 10	6	< 10		
937739	205 226	785	< 1	5.26	33	1110	8	20	0.22	43	< 10	30	180		
937740	205 226	1855	< 1	3.50	56	1060	< 2	15	0.07	160	10	12	10		
937741	205 226	3370	< 1	3.23	15	650	< 2	16	0.13	79	10	18	20		
937742	205 226	3200	< 1	3.32	27	630	< 2	29	0.13	70	< 10	22	< 10		
937772	205 226	2590	< 1	3.34	29	690	6	12	0.06	22	< 10	24	10		
937773	205 226	1770	< 1	0.91	16	360	< 2	9	0.11	39	< 10	20	40		
937774	205 226	780	< 1	5.24	33	1630	< 2	30	0.13	185	< 10	12	20		
937775	205 226	500	2	0.44	32	450	< 2	40	0.13	69	< 10	8	50		
937822	205 226	1005	2	3.01	105	690	< 2	18	0.04	121	< 10	28	50		
937823	205 226	85	< 1	0.10	125	40	< 2	8	0.02	19	< 10	10	< 10		
937824	205 226	680	7	0.33	95	750	< 2	4	0.18	186	< 10	30	130		
937825	205 226	650	2	0.30	86	410	< 2	24	0.07	60	< 10	20	70		
937826	205 226	760	< 1	1.61	95	1130	< 2	26	0.06	35	< 10	24	190		
937827	205 226	220	< 1	0.30	79	250	< 2	4	0.01	68	< 10	< 2	30		
937828	205 226	470	< 1	2.41	130	620	< 2	25	0.04	120	< 10	26	10		
937829	205 226	715	1	3.29	63	580	< 2	31	0.13	70	< 10	8	30		
937830	205 226	4900	2	2.47	99	470	< 2	22	0.16	92	20	40	< 10		
937831	205 226	720	2	1.97	146	360	< 2	19	0.10	57	< 10	48	110		
937832	205 226	355	< 1	0.26	165	280	< 2	28	0.09	67	< 10	30	30		
937833	205 226	415	< 1	4.55	209	880	10	60	0.03	12	< 10	56	30		
937834	205 226	3410	2	0.23	81	630	< 2	12	0.06	39	10	44	70		
937835	205 226	4670	< 1	3.73	30	570	< 2	21	0.07	35	< 10	12	< 10		
937836	205 226	1355	2	0.47	33	750	< 2	29	0.11	58	< 10	32	40		
937837	205 226	3850	< 1	0.34	23	480	< 2	16	0.08	44	10	20	< 10		

CERTIFICATION: Ian H Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9419284

Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE A9419284

PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD-VULTURE
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 11-JUL-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	4	Dry, sieve to -80 mesh
285	4	ICP - HF digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	4	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	4	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	4	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	4	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	4	Be ppm: 24 element, rock & core	ICP-AES	0.5	10000
561	4	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	4	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	4	Cd ppm: 24 element, rock & core	ICP-AES	0.5	10000
563	4	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	4	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	4	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	4	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	4	K %: 24 element, rock & core	ICP-AES	0.01	20.0
570	4	Mg %: 24 element, rock & core	ICP-AES	0.01	20.0
568	4	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	4	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	4	Na %: 24 element, rock & core	ICP-AES	0.01	5.00
564	4	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	4	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	4	Pb ppm: 24 element, rock & core	AAS	2	10000
582	4	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	4	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	4	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	4	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	4	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	4	La ppm: 20 element, rock ID	ICP-AES	10	10000

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WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Page Number : 1-A
Total Pages : 1
Certificate Date: 11-JUL-94
Invoice No. : I9419284
P.O. Number :
Account : BM W

Project : FAIRCHILD-VULTURE
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9419284

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
HK94013	201 285	20	< 0.2	8.73	710	2.0	< 2	0.34	< 0.5	58	88	165	5.60	2.25	1.27
HK94014	201 285	20	< 0.2	8.82	940	3.5	< 2	0.44	< 0.5	79	85	324	5.99	2.35	1.29
HK94015	201 285	< 5	< 0.2	7.66	710	3.0	< 2	0.65	< 0.5	66	89	80	6.21	2.46	1.52
HK94016	201 285	< 5	< 0.2	9.15	910	4.0	< 2	0.50	< 0.5	37	102	203	5.76	2.80	1.29

CERTIFICATION: Stuart Bichler

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Project : FAIRCHILD-VULTURE
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CERTIFICATE OF ANALYSIS A9419284

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP		
HK94013	201 285	1235	3	1.18	53	730	4	59	0.17	86	< 10	36	80		
HK94014	201 285	4250	2	1.07	59	790	10	65	0.17	89	< 10	50	90		
HK94015	201 285	1905	1	1.41	60	830	14	60	0.30	78	< 10	96	120		
HK94016	201 285	780	1	0.69	56	740	6	72	0.23	89	< 10	32	130		

CERTIFICATION: Ian Buchler

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To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9420091

Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE A9420091

PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD-VULTURE
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-JUL-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
301	1	Cu %: Reverse Aqua-Regia digest	AAS	0.01	100.0

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Page Number : 1
Total Pages : 1
Certificate Date: 14-JUL-94
Invoice No. : I9420091
P.O. Number :
Account : BM W

Project : FAIRCHILD-VULTURE
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9420091

SAMPLE	PREP CODE	Cu %
937832	244 --	1.27

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9424842

Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE A9424842

BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD-XN
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	11	Dry, sieve to -80 mesh
214	1	Rcvd as pulp; mesh size checked
285	12	ICP - HF digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	12	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	12	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	12	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	12	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	12	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	12	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	12	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	12	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	12	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	12	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	12	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	12	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	12	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	12	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	12	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	12	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	12	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	12	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	12	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	12	Pb ppm: 24 element, rock & core	AAS	2	10000
582	12	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	12	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	12	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	12	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	12	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	12	La ppm: 20 element, rock ID	ICP-AES	10	10000

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WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Page Number :1-A
Total Pages :1
Certificate Date: 21-SEP-94
Invoice No. :I9424842
P.O. Number :
Account :BM W

Project : FAIRCHILD-XN
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9424842

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
001262	201	285	15	0.8	6.82	600	3.0	< 2	0.40	0.5	157	58	1220	9.17	2.43	1.37
001263	201	285	15	< 0.2	6.75	620	3.0	< 2	0.90	1.0	99	127	1880	10.90	2.06	1.17
001264 Standard	214	285	420	2.0	3.20	2700	0.5	< 2	0.34	1.0	7	77	133	1.39	1.03	0.19
001265	201	285	< 5	< 0.2	6.81	460	2.0	< 2	0.18	0.5	45	109	209	5.24	2.52	1.10
001266	201	285	< 5	0.4	5.72	540	2.0	< 2	0.69	< 0.5	43	45	220	5.93	1.94	0.62
001267	201	285	< 5	0.4	5.09	440	2.0	< 2	0.59	1.0	61	39	316	8.24	1.69	0.63
001268	201	285	< 5	< 0.2	4.27	450	1.0	< 2	1.16	0.5	28	48	99	5.19	1.41	0.58
001269	201	285	< 5	< 0.2	6.99	670	2.0	< 2	0.31	< 0.5	32	64	170	7.28	2.13	0.83
001270	201	285	< 5	0.2	5.24	370	1.5	< 2	0.50	< 0.5	33	38	184	6.79	1.73	0.72

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CERTIFICATE OF ANALYSIS A9424842

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP
001262	201	285	9180	9	0.58	91	1060	8	18	0.13	82	< 10	162	60
001263	201	285	8390	5	0.84	82	1100	92	48	0.15	76	< 10	804	80
001264 standard	214	285	50	120	0.08	47	1990	266	144	0.24	535	< 10	56	40
001265	201	285	2490	1	0.66	51	760	56	29	0.18	71	< 10	224	60
001266	201	285	4380	< 1	0.84	55	810	44	31	0.12	49	< 10	290	50
001267	201	285	3400	3	0.87	94	810	44	33	0.11	47	< 10	372	80
001268	201	285	5030	2	0.45	21	1650	28	39	0.12	51	< 10	178	20
001269	201	285	3740	3	0.70	44	1220	36	56	0.22	95	< 10	294	30
001270	201	285	4590	3	0.89	33	1100	36	36	0.13	53	< 10	268	50

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To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Certificate Date: 27-SEP-94
Invoice No. : I9426199
P.O. Number :
Account : BM W

Project : FAIRCHILD-XN
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9426199

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
007609	201	285	< 5	0.4	6.58	630	2.0	10	1.02	< 0.5	105	43	370	8.00	2.39	1.33
007610	201	285	< 5	< 0.2	5.27	440	0.5	2	1.18	< 0.5	69	34	550	9.33	1.43	0.59
007611	201	285	< 5	< 0.2	5.65	590	1.0	< 2	0.35	< 0.5	106	70	1070	8.18	2.12	0.52
007612	201	285	30	< 0.2	6.75	670	0.5	< 2	0.35	< 0.5	105	72	334	8.87	2.52	1.19
007613	201	285	25	< 0.2	6.43	430	< 0.5	< 2	0.61	< 0.5	209	44	201	11.20	1.30	1.24
007614	201	285	45	0.4	5.90	490	1.5	< 2	0.74	< 0.5	56	51	179	9.05	1.98	1.59
007615	201	285	45	< 0.2	6.81	350	1.0	< 2	0.47	< 0.5	40	49	136	7.40	1.33	1.71
007616	201	285	10	< 0.2	6.57	520	0.5	< 2	0.87	< 0.5	51	61	233	8.26	1.89	3.18
007617	201	285	20	< 0.2	5.95	870	1.0	< 2	3.47	< 0.5	11	50	40	3.99	0.96	3.71
007618	201	285	< 5	< 0.2	6.48	790	1.5	< 2	1.41	< 0.5	23	55	162	5.98	1.84	2.89
007619	201	285	< 5	< 0.2	6.72	600	1.0	< 2	0.70	< 0.5	43	60	396	7.65	1.66	3.65
007620	201	285	5	< 0.2	7.94	440	2.0	< 2	0.31	< 0.5	161	73	325	7.74	1.51	2.46

CERTIFICATION: Ian Bruhler

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To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project : FAIRCHILD-XN
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

Certificate Date: 27-SEP-94
Invoice No. :19426199
P.O. Number :
Account :BM W

CERTIFICATE OF ANALYSIS A9426199

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP		
007609	201	285	3600	6	0.50	103	720	< 2	24	0.12	48	< 10	74	60		
007610	201	285	6190	< 1	1.47	112	740	4	26	0.08	39	< 10	96	120		
007611	201	285	6900	6	0.41	91	770	< 2	22	0.11	57	< 10	32	70		
007612	201	285	5420	6	1.05	60	980	< 2	34	0.21	99	< 10	38	80		
007613	201	285	7140	19	1.54	49	1160	< 2	36	0.15	91	< 10	30	70		
007614	201	285	7100	7	0.60	48	1060	< 2	19	0.17	67	< 10	42	70		
007615	201	285	6020	3	1.89	30	940	< 2	17	0.17	70	< 10	34	60		
007616	201	285	3460	4	1.25	51	850	< 2	20	0.29	147	< 10	42	80		
007617	201	285	3170	< 1	2.13	24	830	< 2	36	0.15	59	< 10	28	60		
007618	201	285	3010	< 1	1.80	40	900	< 2	24	0.19	84	< 10	30	90		
007619	201	285	2230	4	1.23	45	940	< 2	20	0.31	147	< 10	42	70		
007620	201	285	2770	12	1.42	58	890	< 2	34	0.20	132	< 10	34	80		

CERTIFICATION: Ian H Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9426201

Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE A9426201

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD-XN
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 27-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	36	Dry, sieve to -80 mesh
203	7	Dry, sieve to -35 mesh
205	7	Geochem ring to approx 150 mesh
285	43	ICP - HF digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	43	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	43	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	43	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	43	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	43	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	43	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	43	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	43	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	43	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	43	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	43	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	43	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	43	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	43	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	43	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	43	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	43	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	43	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	43	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	43	Pb ppm: 24 element, rock & core	AAS	2	10000
582	43	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	43	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	43	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	43	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	43	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	43	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Page Number : 1-A
Total Pages : 2
Certificate Date: 27-SEP-94
Invoice No. : I9426201
P.O. Number :
Account : BM W

Project : FAIRCHILD-XN
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9426201

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
007631	203	205	< 5	< 0.2	4.84	480	< 0.5	< 2	0.62	1.0	133	41	1120	15.65	1.29	1.12
007632	201	285	55	0.8	5.47	370	< 0.5	10	0.37	1.0	310	39	2110	11.40	1.01	1.08
007633	201	285	50	< 0.2	4.48	360	< 0.5	< 2	0.79	1.0	371	48	1440	13.70	0.63	0.58
007634	201	285	15	< 0.2	6.61	550	1.5	2	0.45	< 0.5	146	73	383	5.91	1.59	0.61
007635	201	285	410	< 0.2	5.73	470	1.0	< 2	0.55	< 0.5	316	66	581	8.01	1.11	0.92
007636	201	285	70	0.4	6.08	710	2.0	< 2	0.62	1.0	495	68	1375	7.86	1.62	0.87
007637	201	285	35	< 0.2	6.04	930	1.5	< 2	0.53	< 0.5	131	85	607	5.76	2.09	0.83
007638	201	285	140	< 0.2	5.64	530	1.5	< 2	0.36	1.0	407	61	5200	10.90	1.61	0.77
007639	201	285	70	< 0.2	5.25	610	1.5	< 2	0.61	1.0	292	58	2160	12.00	1.49	0.78
007640	201	285	45	< 0.2	6.66	680	4.0	14	0.35	< 0.5	191	70	1340	6.64	1.93	0.89
007641	201	285	40	< 0.2	6.63	650	4.0	2	0.55	< 0.5	156	68	1150	5.32	1.71	0.96
007642	201	285	10	< 0.2	6.05	630	1.5	< 2	0.54	< 0.5	34	68	334	5.38	1.60	0.83
007643	201	285	< 5	0.2	6.30	730	1.5	< 2	0.73	< 0.5	37	64	106	7.31	1.92	0.91
007644	201	285	< 5	< 0.2	7.44	790	3.0	< 2	0.51	< 0.5	22	80	57	5.34	2.40	1.09
007645	201	285	25	< 0.2	8.37	860	3.5	< 2	0.34	< 0.5	27	94	224	5.09	2.96	1.07
007646	201	285	30	< 0.2	6.42	830	1.0	< 2	0.66	< 0.5	62	49	763	6.97	1.55	1.41
007647	201	285	< 5	< 0.2	6.71	650	2.0	< 2	0.58	< 0.5	26	67	87	4.67	1.67	0.99
007648	201	285	< 5	< 0.2	6.18	590	1.0	< 2	0.81	< 0.5	18	69	40	4.49	1.38	0.91

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Page Number :1-B
Total Pages :2
Certificate Date: 27-SEP-94
Invoice No. :I9426201
P.O. Number :
Account :BM W

Project : FAIRCHILD-XN
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9426201

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP
007631	203 205	>10000	13	0.89	124	1160	34	51	0.14	33	< 10	452	90
007632	201 285	>10000	8	1.83	124	880	22	28	0.10	50	< 10	182	80
007633	201 285	9770	1	2.03	184	1080	8	47	0.08	44	< 10	130	70
007634	201 285	2510	3	1.67	62	1990	26	81	0.22	93	< 10	154	70
007635	201 285	6570	7	1.40	61	1280	14	77	0.19	84	< 10	88	90
007636	201 285	9680	2	1.30	114	1080	260	83	0.21	81	< 10	300	100
007637	201 285	6300	1	0.56	97	900	14	80	0.39	83	< 10	114	100
007638	201 285	>10000	3	0.78	167	1280	8	55	0.18	69	< 10	66	160
007639	201 285	>10000	1	0.65	133	1130	16	59	0.18	66	< 10	82	120
007640	201 285	4060	3	0.71	102	1200	10	92	0.32	91	< 10	82	170
007641	201 285	2610	2	1.03	69	1020	16	114	0.35	95	< 10	100	180
007642	201 285	1785	3	1.01	35	980	10	120	0.32	99	< 10	74	90
007643	201 285	8700	< 1	0.76	31	1430	8	91	0.24	89	< 10	100	100
007644	201 285	1000	< 1	1.06	46	960	8	103	0.26	108	< 10	54	120
007645	201 285	1040	4	0.86	45	940	4	90	0.27	109	< 10	54	90
007646	201 285	7540	1	1.30	35	1090	2	64	0.25	116	< 10	62	70
007647	201 285	1195	< 1	1.42	39	920	8	115	0.30	103	< 10	66	90
007648	201 285	1475	< 1	1.69	31	930	8	127	0.34	100	< 10	72	100

CERTIFICATION: Stuart Buchler

Chemex Labs Ltd.

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To: PAMICON DEVELOPMENTS LIMITED
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VANCOUVER, BC
V6B 1N4

Page Number :2-A
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Certificate Date: 27-SEP-94
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P.O. Number :
Account :BM W

Project : FAIRCHILD-XN
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9426201

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
007754	201	285	< 5	< 0.2	6.29	720	1.5	< 2	0.39	< 0.5	20	62	34	4.73	1.90	0.69
007755	201	285	< 5	< 0.2	6.64	740	2.0	< 2	0.34	< 0.5	20	57	31	4.33	2.03	0.71
007756	201	285	< 5	< 0.2	5.66	800	1.5	< 2	0.27	< 0.5	19	50	58	4.09	1.60	0.69
007757	201	285	< 5	< 0.2	7.81	940	2.5	< 2	0.44	< 0.5	27	65	45	4.89	2.20	0.95
007758	201	285	< 5	< 0.2	7.71	890	3.0	< 2	0.39	< 0.5	22	58	19	4.69	2.03	0.90

CERTIFICATION: Ian Bichler

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WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
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Page Number :2-B
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Account :BM W

Project : FAIRCHILD-XN
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9426201

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP		
007754	201 285	2140	< 1	0.86	31	1770	12	160	0.30	94	< 10	74	60		
007755	201 285	1935	1	0.93	34	970	6	192	0.27	77	< 10	58	70		
007756	201 285	2910	< 1	0.81	34	780	10	104	0.23	73	< 10	56	40		
007757	201 285	2670	< 1	1.05	43	1340	10	246	0.28	86	< 10	70	70		
007758	201 285	3690	1	1.02	48	1380	8	249	0.23	78	< 10	50	70		

CERTIFICATION: Ian Bachler

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To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9424541

Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE A9424541

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD-XN
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 12-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	4	Dry, sieve to -80 mesh
285	4	ICP - HF digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	4	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	4	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	4	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	4	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	4	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	4	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	4	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	4	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	4	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	4	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	4	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	4	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	4	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	4	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	4	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	4	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	4	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	4	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	4	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	4	Pb ppm: 24 element, rock & core	AAS	2	10000
582	4	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	4	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	4	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	4	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	4	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	4	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

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To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

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Certificate Date: 12-SEP-94
Invoice No. :19424541
P.O. Number :
Account :BM W

Project : FAIRCHILD-XN
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9424541

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
1258	201 285	15	< 0.2	6.75	650	1.5	< 2	2.37	< 0.5	70	90	454	7.12	2.36	2.81
1259	201 285	5	< 0.2	7.27	520	1.5	2	1.43	< 0.5	57	51	355	7.04	1.77	3.99
1260	201 285	< 5	< 0.2	6.99	620	1.5	< 2	1.43	< 0.5	75	77	359	6.22	2.22	2.13

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

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P.O. Number :
Account :BM W

Project : FAIRCHILD-XN
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9424541

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP
1258	201 285	4440	6	0.73	60	610	4	36	0.17	83	10	48	80
1259	201 285	3450	3	1.61	48	770	< 2	27	0.27	132	10	58	70
1260	201 285	2970	2	0.92	54	680	2	48	0.17	79	10	54	90

CERTIFICATION: Stan Bichler

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To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9419985

Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE A9419985

PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD-NORANDA
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-JUL-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	14	Dry, sieve to -80 mesh
285	14	ICP - HF digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	14	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	14	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	14	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	14	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	14	Be ppm: 24 element, rock & core	ICP-AES	0.5	10000
561	14	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	14	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	14	Cd ppm: 24 element, rock & core	ICP-AES	0.5	10000
563	14	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	14	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	14	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	14	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	14	K %: 24 element, rock & core	ICP-AES	0.01	20.0
570	14	Mg %: 24 element, rock & core	ICP-AES	0.01	20.0
568	14	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	14	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	14	Na %: 24 element, rock & core	ICP-AES	0.01	5.00
564	14	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	14	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	14	Pb ppm: 24 element, rock & core	AAS	2	10000
582	14	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	14	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	14	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	14	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	14	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	14	La ppm: 20 element, rock ID	ICP-AES	10	10000

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To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
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V6B 1N4

Project : FAIRCHILD-NORANDA
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

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Certificate Date: 18-JUL-94
Invoice No. : I9419985
P.O. Number :
Account : BM W

CERTIFICATE OF ANALYSIS A9419985

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
HK 94017	201	285	< 5	< 0.2	7.94	690	2.0	< 2	0.63	< 0.5	92	71	630	8.80	2.61	1.53
HK 94024	201	285	10	< 0.2	6.63	690	1.5	< 2	1.70	< 0.5	60	76	362	6.77	2.13	2.18
HK 94025	201	285	< 5	< 0.2	5.91	450	1.0	< 2	1.71	< 0.5	54	56	187	6.20	1.70	2.05
HK 94028	201	285	< 5	< 0.2	7.68	730	2.0	< 2	0.68	< 0.5	63	56	264	5.56	2.20	1.26
HK 94029	201	285	< 5	< 0.2	7.07	710	1.5	< 2	1.29	< 0.5	44	68	238	5.46	2.03	1.72
HK 94030	201	285	< 5	< 0.2	7.50	900	2.5	2	1.00	1.0	53	57	88	7.55	2.49	1.49
HK 94031	201	285	< 5	0.2	7.40	710	1.5	< 2	1.23	0.5	54	131	126	6.19	2.59	1.94
HK 94032	201	285	10	0.2	6.60	840	1.5	4	2.30	< 0.5	64	95	96	6.11	2.46	1.56

CERTIFICATION: Stewart Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: PAMICON DEVELOPMENTS LIMITED
WESTMIN PROJECT
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project : FAIRCHILD-NORANDA
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

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Certificate Date: 18-JUL-94
Invoice No. : I9419985
P.O. Number :
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CERTIFICATE OF ANALYSIS A9419985

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP
HK 94017	201 285	7370	6	0.54	78	730	14	24	0.14	79	< 10	200	30
HK 94024	201 285	4110	2	0.76	49	660	10	49	0.18	79	< 10	56	30
HK 94025	201 285	2080	< 1	0.86	37	770	4	25	0.17	73	< 10	30	70
HK 94028	201 285	3000	2	1.28	58	760	54	109	0.29	62	< 10	332	70
HK 94029	201 285	2420	1	0.99	43	700	12	81	0.21	74	< 10	90	60
HK 94030	201 285	2730	< 1	1.12	49	780	40	133	0.29	70	< 10	392	100
HK 94031	201 285	2090	1	1.51	87	650	24	69	0.37	73	< 10	262	100
HK 94032	201 285	1945	2	1.21	55	640	12	85	0.30	67	< 10	204	80

CERTIFICATION: Hartt Bichler

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A9424079

Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE A9424079

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHLD-NORANDA
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 3-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	14	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
13	14	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000

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SAMPLE	PREP CODE	As ppm
HK 94017	244 --	370
HK 94024	244 --	44
HK 94025	244 --	62
HK 94028	244 --	106
HK 94029	244 --	48
HK 94030	244 --	32
HK 94031	244 --	46
HK 94032	244 --	46

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A9419986

Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

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Project: FAIRCHILD-NORANDA
P.O. # :

Samples submitted to our lab in Vancouver, BC.
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SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	23	Geochem ring to approx 150 mesh
294	23	Crush and split (6-10 pounds)
285	23	ICP - HF digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	23	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	23	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	23	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	23	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	23	Be ppm: 24 element, rock & core	ICP-AES	0.5	10000
561	23	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	23	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	23	Cd ppm: 24 element, rock & core	ICP-AES	0.5	10000
563	23	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	23	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	23	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	23	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	23	K %: 24 element, rock & core	ICP-AES	0.01	20.0
570	23	Mg %: 24 element, rock & core	ICP-AES	0.01	20.0
568	23	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	23	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	23	Na %: 24 element, rock & core	ICP-AES	0.01	5.00
564	23	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	23	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	23	Pb ppm: 24 element, rock & core	AAS	2	10000
582	23	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	23	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	23	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	23	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	23	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	23	La ppm: 20 element, rock ID	ICP-AES	10	10000

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Invoice No. : I9426202
P.O. Number :
Account : BM W

Project : FAIRCHILD-XN
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9426202

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
432611	205	294	55	< 0.2	7.99	1590	2.0	< 2	0.85	< 0.5	34	127	2700	2.92	3.63	0.85

CERTIFICATION: Stewart Bichler

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Account :BM W

Project : FAIRCHILD-XN
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9426202

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP		
432611	205	294	820	< 1	1.18	43	670	< 2	24	0.19	90	< 10	14	40		

CERTIFICATION: Ian R. Bichler

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To: PAMICON DEVELOPMENTS LIMITED
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A9425801

Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE A9425801

BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD-XN
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 27-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	9	Geochem ring to approx 150 mesh
294	9	Crush and split (6-10 pounds)
285	9	ICP - HF digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	9	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	9	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	9	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	9	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	9	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	9	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	9	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	9	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	9	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	9	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	9	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	9	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	9	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	9	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	9	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	9	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	9	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	9	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	9	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	9	Pb ppm: 24 element, rock & core	AAS	2	10000
582	9	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	9	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	9	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	9	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	9	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	9	La ppm: 20 element, rock ID	ICP-AES	10	10000

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Account : BM W

Project : FAIRCHILD-XN
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9425801

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
433303	205 294	< 5	1.6	5.95	350	1.5	2	0.10	< 0.5	9	141	131	2.96	2.16	0.26
433304	205 294	< 5	< 0.2	5.99	180	1.5	2	0.32	< 0.5	25	81	122	4.98	2.11	0.41

CERTIFICATION: Hart Bichler

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Project : FAIRCHILD-XN
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CERTIFICATE OF ANALYSIS A9425801

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP
433303	205 294	210	< 1	0.44	4	760	44	12	0.11	55	< 10	16	30
433304	205 294	760	3	0.78	36	310	2	10	0.08	34	< 10	2	30

CERTIFICATION: Jan Bichler

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A9419986

Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE A9419986

PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD-NORANDA
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 19-JUL-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	23	Geochem ring to approx 150 mesh
294	23	Crush and split (6-10 pounds)
285	23	ICP - HF digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	23	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	23	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	23	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	23	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	23	Be ppm: 24 element, rock & core	ICP-AES	0.5	10000
561	23	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	23	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	23	Cd ppm: 24 element, rock & core	ICP-AES	0.5	10000
563	23	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	23	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	23	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	23	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	23	K %: 24 element, rock & core	ICP-AES	0.01	20.0
570	23	Mg %: 24 element, rock & core	ICP-AES	0.01	20.0
568	23	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	23	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	23	Na %: 24 element, rock & core	ICP-AES	0.01	5.00
564	23	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	23	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	23	Pb ppm: 24 element, rock & core	AAS	2	10000
582	23	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	23	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	23	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	23	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	23	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	23	La ppm: 20 element, rock ID	ICP-AES	10	10000

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Project : FAIRCHILD-NORANDA
Comments: CC: PAMICON CC: D. CAULFIELD CC: M. JONES CC: R. VANCE

CERTIFICATE OF ANALYSIS A9419986

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
937781	205 294	125	< 0.2	6.74	40	2.0	< 2	1.37	0.5	37	48	105	12.00	2.65	1.32
937782	205 294	165	0.4	5.97	30	2.0	10	1.94	2.5	1345	117	31	19.30	1.55	1.12
937845	205 294	95	0.4	7.41	50	1.0	12	0.35	1.0	42	69	88	11.35	6.47	2.08
937846	205 294	< 5	< 0.2	5.66	270	2.0	< 2	0.27	0.5	36	54	2	10.20	2.60	1.44
937964	205 294	< 5	< 0.2	7.70	850	0.5	< 2	0.60	0.5	11	75	677	6.86	7.08	2.34
937965	205 294	< 5	< 0.2	4.61	350	1.0	< 2	6.78	0.5	12	71	3350	4.61	2.65	3.80
937966	205 294	< 5	< 0.2	5.68	320	1.5	< 2	4.04	0.5	101	67	12	8.23	3.14	1.96
937967	205 294	< 5	< 0.2	6.74	810	0.5	< 2	1.99	< 0.5	15	70	541	7.91	7.61	1.33
937968	205 294	< 5	< 0.2	9.18	30	1.0	2	0.96	< 0.5	263	23	128	2.25	0.16	0.31
937969	205 294	15	< 0.2	8.03	30	1.0	< 2	0.18	1.0	231	57	6	8.24	0.15	0.02
937975	205 294	< 5	< 0.2	6.58	290	1.0	< 2	1.99	< 0.5	33	68	3560	8.01	2.89	1.46

CERTIFICATION: Ian Bichler

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CERTIFICATE OF ANALYSIS A9419986

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP
937781	205 294	635	55	0.32	44	3300	< 2	24	0.17	178	< 10	6	60
937782	205 294	1125	135	2.46	142	2070	6	24	0.14	287	< 10	4	120
937845	205 294	510	1	0.31	74	810	46	14	0.21	108	< 10	26	160
937846	205 294	410	< 1	0.19	28	590	8	4	0.11	51	< 10	14	50
937964	205 294	395	4	0.34	55	2710	< 2	17	0.21	84	< 10	36	40
937965	205 294	3350	2	0.18	11	500	< 2	22	0.09	45	< 10	8	< 10
937966	205 294	6090	2	0.20	32	540	< 2	16	0.11	42	< 10	12	< 10
937967	205 294	1320	1	0.24	18	660	< 2	17	0.21	79	< 10	18	10
937968	205 294	840	< 1	7.23	16	90	< 2	47	0.02	6	< 10	10	10
937969	205 294	45	< 1	6.27	29	180	< 2	61	0.06	56	< 10	4	< 10
937975	205 294	1295	3	2.61	18	670	< 2	19	0.21	77	10	12	20

CERTIFICATION: Stewart Bichler

APPENDIX F

STREAM SEDIMENT SAMPLING PROCEDURES

STREAM SEDIMENT SAMPLING PROCEDURES

Introduction

The focus of the 1994 exploration program was to explore for gold and copper mineralization. Stream sediment samples can be an efficient and relatively low cost way of evaluating drainage basins for mineralization if they are representative of the basin and are collected in such a way that the elements sought are detectable in a reproducible manner. Copper and gold have dissimilar weathering and dispersion characteristics based on chemical, mechanical and density characteristics. To be effective, the stream sediment survey must reliably detect anomalous values. The particulate nature of gold makes anomaly reproducibility erratic in samples that are too small and/or too coarse grained. An orientation survey is the best way to design a sampling program for a particular region.

The 1994 survey used stream sediment samples to augment other exploration information and provide guidance for future exploration. In order to evaluate and optimise the stream geochemical survey's effectiveness an orientation survey was conducted early in the season. Based on the results of the orientation survey it was determined that all fractions less than 80 mesh exhibited relatively similar anomaly length and contrast characteristics. The finest fraction (< 200 mesh) was marginally better than the others, but given the difficulty in acquiring sufficient < 200 mesh material and the marginal improvement that it provided, the < 80 mesh fraction was selected. In order to collect sufficient < 80 mesh material, and not loose a sizable component of the very fine grained material in the wash water, special procedures must be adopted. The method used to collect most of the stream sediment samples in 1994 was a modification of the method routinely used by Newmont, and is hereafter referred to as the "Newmont method".

Procedure

A regular silt sample is collected by hand or a trowel and placed into a numbered paper bag. Typically the larger pebbles are rejected and an effort is made to select from the finer grained sediments in a stream.

The Newmont method requires some equipment:

- a large woven fibre bag to carry the equipment in.
- squirt bottle to spray water into a bucket to wash out the fines.
- a 5 to 7m long hose to provide a gravity feed water supply.
- several large plastic sample bags to collect sediment in.
- garden trowel to excavate sediment with.
- rubber gloves to protect hands against cold water and abrasive sediments.
- a piece of nylon 30 or 40 mesh screen about 1 x 1m size.
- two nesting 30cm diameter plastic buckets one with a 2cm size hole about half way up the side of the bucket, the other with the bottom two thirds cut off and used as an inner frame to hang the nylon mesh above the outlet hole.

Other supplies that are used at each site are plastic flagging tape, metal tags and double-stitched millepore cloth bags.

A stream sediment sample collected using the Newmont method would proceed as follows:

1. As supplies were being unpacked from the fibre bag the buckets, trowel, plastic sample bags and screen were inspected for cleanliness and if dirty they were washed.
2. One person would start to hunt for and dig up fine grained stream sediments from among boulders while the other would work on setting up the screening and washing apparatus.
3. The hose would be placed to provide a steady but low volume of water for washing the sediment through the screen.
4. The screen would be pulled tight over the bucket with a hole in its side and held in place by the inner bucket ring.
5. Small quantities of the coarse stream sediment would be placed on the screen and washed down by the hose. In order to break up any clay or root-bound lumps the sediment would be rubbed on the screen or the side of the bucket.
6. After most of the fine grained-material had been washed through the screen, the remaining coarse reject material was lifted out by hand and discarded.
7. After 10 to 30 kg of coarse stream sediment had been screened, depending on the amount of fines in the coarse stream sediment, the screen was lifted out and the level of sediment in the bottom of the bucket was checked to see if there is sufficient material for a sample, about 3 centimetre depth in the bottom of the bucket was considered sufficient.
8. The muddy water was allowed to stand for several minutes then the supernatant liquid was carefully poured off leaving the sieved silt in the bottom of the bucket.
9. A numbered millepore cloth bag was then used to collect silt washed out of the sample bucket by the squirt bottle.
10. The bag of wet sediment was carried or hung to drain until most of the water had drained, then it was packed in a plastic bag for transport back to camp where the samples are exposed to the air for further drying before shipment to a laboratory for analysis.

Field notes collected at each site record the sample number; creek name; elevation; the sample type; regular silt, or field sieved with mesh size; width of the stream and depth; slope of the stream in degrees; the downstream direction of flow; colour of the sediment; texture of the sediment; bedrock and/or type of rock found as float in the stream; and any other notes about the site. The UTM location was determined from a map back in camp.

A numbered two colour ribbon along with a metal tag inscribed with the sample number was tied to a nearby bush or stone to mark the sample site.

Results

Based on a statistical evaluation of the GSC regional geochemical survey data (Open File 518, 1977) by Owen Lavin, Senior Geochemist for Newmont Exploration Limited, the following anomalous ranges and anomaly classifications are presented in Table 1.

Table 1

Percentile	Classification	Thresholds Au ppb	Cu ppm	Co ppm
97	definitely anomalous	20	180	50
90	probably anomalous	15	120	30
75	possibly anomalous	10	75	25
50	high background	5	50	15
	background			

APPENDIX G

GEOLOGIST'S CERTIFICATE

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I, Kelly A. Owerko, of 5740 Hyde Street, Burnaby, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Consulting Geologist with offices at Suite 207, 675 West Hastings Street, Vancouver, British Columbia.

2. THAT I am a graduate of the University of Saskatchewan with a Bachelor of Science degree in Geology.

3. THAT this report is based in part on property work I personally completed and/or directly supervised, government publications and assessment reports filed with the Yukon division of the Department of Indian and Northern Affairs.

DATED at Vancouver, British Columbia, this 25 day of January, 1995.

Kelly A. Owerko, Geologist