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1997 DIAMOND DRILLING REPORT ON THE AUKS 1 - 48 CLAIMS LEARY PROJECT

Located in the Fairchild Lake Area
Mayo Mining District
Yukon Territory, Canada
NTS 106C/13
64° 49' North Latitude
133° 40' West Longitude

-prepared for-

NEWMONT EXPLORATION LIMITED
Denver, Colorado

-prepared by-

PAMICON DEVELOPMENTS LIMITED
Michael A. Stammers, P.Geo.

DATES OF WORK PERFORMED: June 05 - June 24, 1997

DATE OF REPORT: February 1998

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 20,100.00.

M. Burke

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

1997 DIAMOND DRILLING REPORT ON THE AUKS 1-48 CLAIMS

TABLE OF CONTENTS

APPENDICES

LIST OF TABLES

LIST OF FIGURES

LIST OF PLATES

1.0 CONCLUSIONS AND RECOMMENDATIONS

The Auks 1 - 48 claim group was one of six properties drilled in 1997 as part of the Fairchild Joint Venture's gold-copper mineral exploration program in the Wernecke Mountains, Yukon. Work in 1997 included drilling seven holes totalling 1151.23 metres and staking 12 mineral claims. The first three holes targeted gold-copper soil anomalies and Wernecke breccia. The four remaining holes tested the large, deep- seated, covered magnetic high anomaly as outlined by Newmont airborne geophysical surveys. Of these four, two were shallow probes of the anomaly's periphery, while the remaining two holes penetrated to considerable depth, closer to the centre of the feature.

Results of the drilling were generally disappointing. The first two core holes targeting the soil anomalies returned low grade copper values over long intervals. Gold results are consistently anomalous, but only in the low geochemical range of 15 to 40 ppb Au. Chalcopyrite occurs as blebs and stringers within Wernecke breccia. LY97-1 cut 82.5 metres of 1037 ppm Cu and 16 ppb Au and LY97-2 intersected 34.5 metres of 1027 ppm Cu and 19 ppb Au. The best intersection came from LY97-1 where a 4.5 metre section of the above reported interval assayed 3235 ppm Cu and 42 ppb Au. Where tested, gold and copper soil anomalies have been adequately explained by these diamond drilling results.

A large, deep seated circular airborne magnetic anomaly was the focus of the remaining four drill holes. The magnetic high feature is one the most significant anomalies outlined from the entire airborne survey completed by Newmont over the 450 square kilometre window of the Proterozoic, Wernecke Supergroup. Initial modelling by the Newmont geophysical department, indicated a depth to target source of about 800 metres. This was clearly a difficult task for the project's lightweight fly rig.

Holes LY97-4 and 97-5 intersected hematite breccia and dolomitic siltstone respectively. They were both terminated at about 60.0 metres depth after failing to encounter any significant mineralization. Hole LY97-6 was collared above a highly gossanous outcropping of oxidized dolomite and was originally intended as the deep hole testing the magnetic feature. The hole, however was shut down at a depth of 256 metres after encountering a monotonous, unmineralized sequence of interbedded argillite and siltstone. For the record, hole numbering jumped from hole 6 to 10 and excluded sites 7, 8 and 9 which were never drilled.

Hole LY97-10, drilled to a depth of 453.8 metres was the deepest probe of the magnetic feature and was the only hole to intersect magnetite bearing core. Phyllic altered diorite dikes and other irregular bodies containing appreciable magnetite were intersected at depths ranging from 380 metres to the bottom of the hole. The measured magnetic susceptibilities from the core samples were well below the values required to adequately explain the airborne anomaly (Rainsford, June, 1997). Unfortunately, the hole was forced to be abandoned early for reasons of safety as the platform footings (originally constructed for a 60 metre hole) were beginning to be seriously undermined.

The first 380 metres of 97-10 intersected dolomite and homolithic and heterolithic breccia. Trace

to minor chalcopyrite and pyrite are found in quartz-carbonate veinlets and the best intercept included 16.5 metres of 1300 ppm Cu and 23 ppb Au.

In conclusion, the Leary property is host to an excellent geological setting that includes some of the important criteria that led to successful copper-gold discoveries at Olympic Dam and Ernest Henry in Australia. The positive exploration pathfinders at Leary are the magnetic high anomaly, favourable Proterozoic hematite breccia host rocks, and the large, regional scale fault structure that passes through the claim group.

Additional work on the property is recommended and should focus on deep drill testing of the magnetic anomaly. Prior to diamond drilling, consideration should be given to studying other geophysical tools which may lead to a more detailed definition of the magnetic feature. The diamond drill selected for this work should be sufficiently large and powerful enough to penetrate to depths of 500 to 700 metres.

2.0 INTRODUCTION

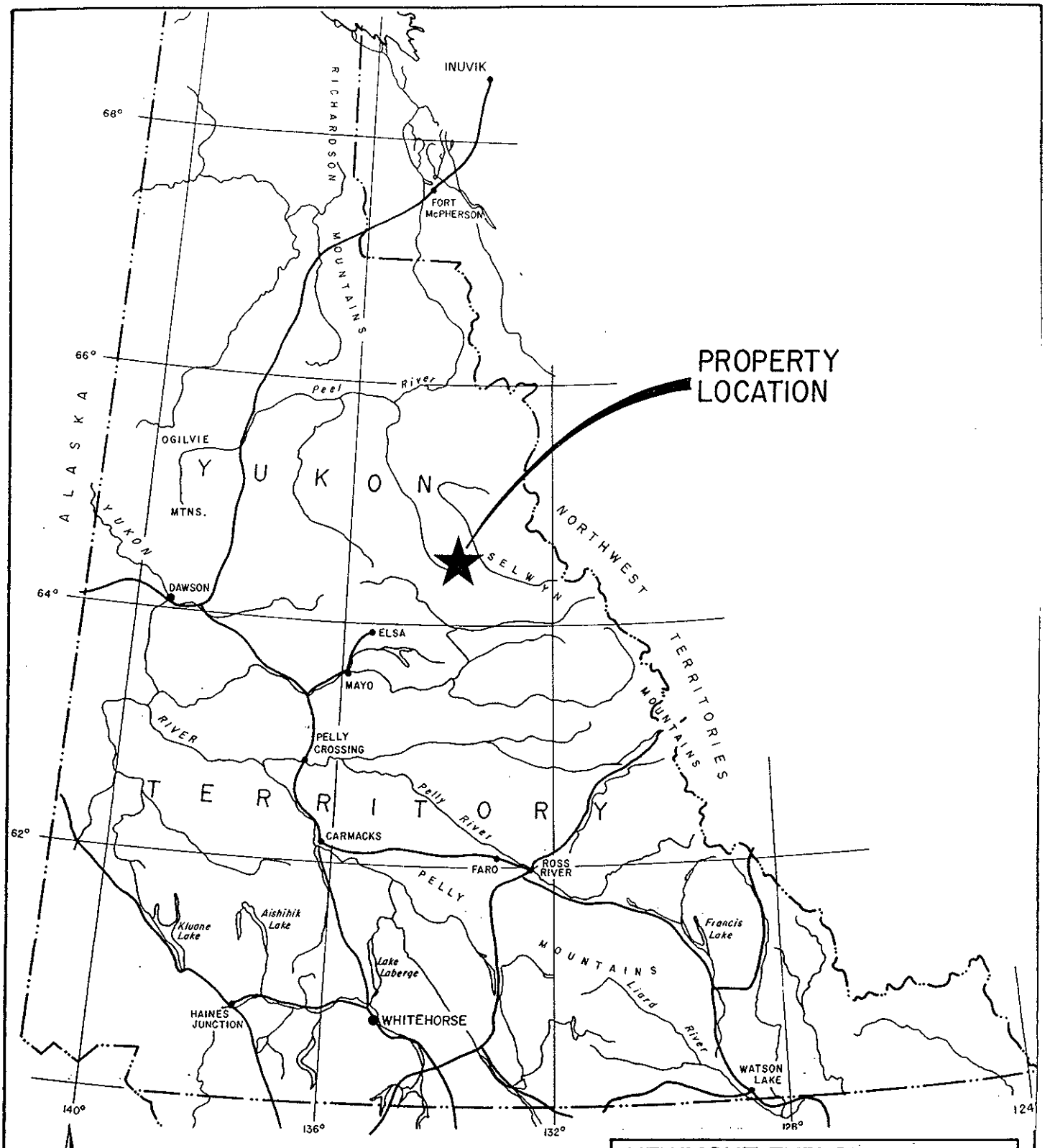
This report describes a diamond drilling program completed by the Fairchild Joint Venture (Newmont Exploration Limited - Westmin Resources Limited) on the Auks 1 - 48 claims between June 5 and 24, 1997. Seven NTW core holes totalling 1151.23 metres were completed over several targets. This work follows geological, geochemical and geophysical exploration programs completed during 1994 (Caulfield, et. al., 1995) and 1995 (Montgomery, 1995). The Auks 1-36 claims were staked in June, 1995 to cover a large and significant magnetic high anomaly which was outlined by a Newmont airborne geophysical survey. The Auks 37 - 48 claims were added to the south in May 1997 to cover unprotected copper-gold soil geochemical anomalies.

The claims are located in the Wernecke Mountains, approximately 175 kilometres northeast of the village of Mayo, in east central Yukon (Figure 1). The property is accessible by fixed wing aircraft and helicopter via the Copper Point airstrip or, alternatively, by a winter cat trail.

The property is underlain by Middle Proterozoic Gillespie Lake Group carbonate sedimentary rocks of the Wernecke Supergroup, which are cut by heterolithic and homolithic potassium and iron rich Wernecke breccia. Diamond drilling in covered areas intersected Quartet Group carbonaceous siliclastics and magnetite bearing diorite at depth.

The Leary Project is one of several projects in the region being explored by the joint venture in search of Olympic Dam type copper-gold mineralization. Similarities exist between the giant Olympic Dam copper-gold-silver-uranium-REE deposit in Australia and breccia within Wernecke Supergroup strata in the Yukon.

The 1997 work program was managed by Pamicon Developments Limited on behalf of the Fairchild Joint Venture (Newmont Exploration Limited and Westmin Resources Limited). The



NEWMONT EXPLORATION LTD.

WESTMIN RESOURCES, PAMICON DEVELOPMENTS

FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

LEARY PROJECT
AUKS 1-48 CLAIMS
LOCATION MAP

N.T.S.: 106 C/13	SCALE: 1:5,000,000	FIGURE 1
DATE: FEB. 1998	DRAWN BY: J.W.	

same company has been retained to report on the field work activities. The geophysical information contained in this report has been taken directly from Internal Memorandum prepared by Newmont Geophysicist, D. Rainsford.

3.0 LIST OF CLAIMS

The Leary Project comprises the Auks 1 - 48 contiguous quartz claims, located in the Mayo Mining District (Figure 2). Government records indicate that the claims are owned 100% by Westmin Resources Limited of Vancouver, B.C. An underlying agreement indicates the claims are held in trust by Westmin on behalf of Joint Venture partners Newmont Mines Limited of Denver, Colorado and Westmin Resources Limited.

Table 3.0.1 Auks Claim Data

Claim Name	Claim Number	Record Numbers	Record Date	Expiry Date	NTS
Auks	1 - 36	YB64035-070	06/02/95	12/31/04*	106C13
	37 - 48	YB80814-825	06/06/97	12/31/02*	106C13

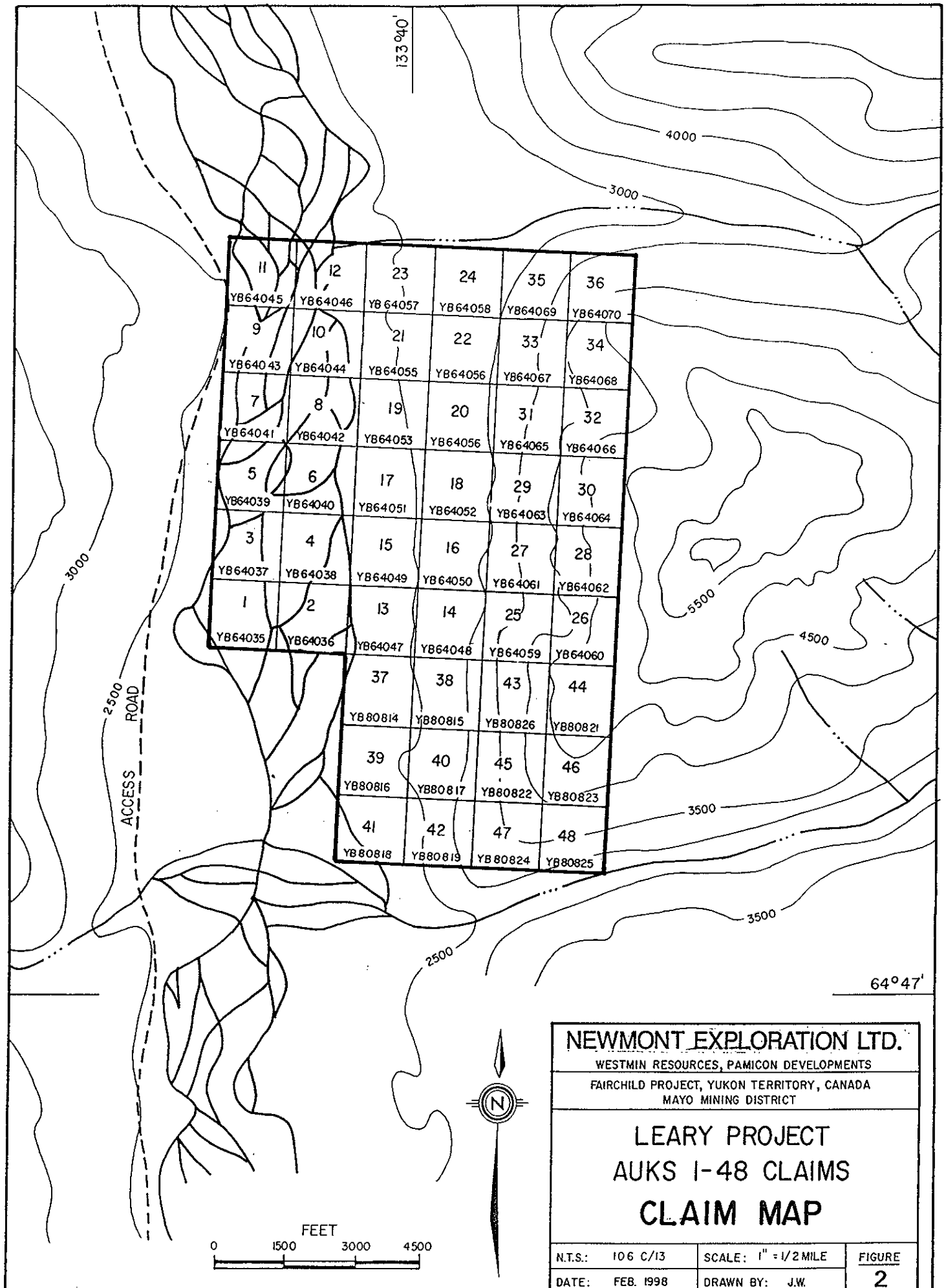
*Subject to government approval of assessment work covered by this report.

4.0 LOCATION AND HISTORY

The claims are located in the Wernecke Mountains, approximately 175 kilometres northeast of the village of Mayo, in east central Yukon. The property is accessible by fixed wing aircraft and helicopter via the Copper Point airstrip or, alternatively, by a winter cat trail which passes through the portion of the claims which are situated in the Bonnet Plume River valley. Fairchild Lake and Copper Point airstrip are located 15 and 25 kilometres to the north and northwest of the property respectively.

A detailed account of exploration activity in the Bonnet Plume-Wernecke Mountain region is given in an earlier Fairchild Project report on the Regional Prospects (Caulfield, et. al., 1995), which also includes a description of historic work carried out on the Leary prospect. The Bonnet Plume - Wernecke Mountain region has been the focus of exploration efforts since the 1960's in search of coal, copper, uranium, cobalt, lead-zinc and gold.

The most recent work by the Fairchild Joint venture included geological, geochemical and geophysical surveys completed in 1995 (Montgomery, 1995).



NEWMONT EXPLORATION LTD.

WESTMIN RESOURCES, PAMICON DEVELOPMENTS

FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

LEARY PROJECT
AUKS 1-48 CLAIMS
CLAIM MAP

N.T.S.: 106 C/13	SCALE: 1" = 1/2 MILE	FIGURE 2
DATE: FEB. 1998	DRAWN BY: J.W.	

5.0 REGIONAL AND PROPERTY GEOLOGY

The property is located within the area covered by a 1:50,000 geological map sheet, Open File 1994-6(G), published by Indian & Northern Affairs Canada, Exploration & Geological Services Division, Yukon Region. This work by Thorkelson and Wallace (1994a) was the second of three map sheets completed as part of a Federal and Territorial government Economic Development Agreement (EDA). A written description of their work (1994b) was also completed and may be referenced in the Bibliography.

Shelf carbonate and clastic marine rocks of the Middle Proterozoic Wernecke Supergroup underlie much of the region. This sequence is subdivided into three stratigraphic groups, namely, Gillespie Lake Group, underlying Quartet Group and lower most Fairchild Lake Group. The property is underlain by dolomitic sediments of the Gillespie Lake Group. Immediately to the southeast of the claims, younger Middle to Late Proterozoic Pinguicula Group clastic sediments unconformably overlie older rocks. To the north and east of the property Quartet Group shales underlie much of the area.

Wernecke Supergroup strata are cut by Middle Proterozoic iron rich intrusive breccia and related diorite, which frequently host gold, copper, uranium and cobalt mineralization. One such breccia is mapped at the southeast corner of the Leary property. Government mapping depicts a north trending fault extending from Fairchild Lake in the north, south along the Bonnet Plume River corridor past the claims and continuing southward. Three northwest trending fault splays are shown to the east of this main fault crossing the Leary property.

Property geology is presented on Plate 1 and has been well summarized along with a description of mineral occurrences in the 1995 Summary Report (Montgomery, 1995).

6.0 DIAMOND DRILLING

6.1 Introduction

Seven NTW holes totalling 1151.23 metres were drilled at Leary during the 1997 field season. Refer to Table 6.1.1. for details of this work. Collar locations are shown on Plate 1. Falcon Drilling of Prince George, B.C. was the designated contractor and utilized an F2000 wireline diamond drill. The rig was moved and serviced with a Hughes 500D helicopter, owned and operated by Northern Mountain Helicopters.

Diamond drill core was flown back to the Copper Point base camp where technicians and geologists completed their assessment of it; which included metric conversions, core recoveries, rock quality descriptions (RQD), scintillometer readings, magnetic susceptibility measurements, descriptive logging, photography, sample selection and sample collection using a diamond saw.

Core samples were sent to Chemex Laboratories Ltd., of North Vancouver, B.C. for preparation and analysis. All samples were analysed for gold, lanthanum and a 24 element ICP package. Gold was analysed by fire assay -atomic absorption spectrometry utilizing a 30 gram sample.

Diamond drill logs, analytical procedures and certificates of analyses may be found in Appendices B and C of this report.

For the record, hole numbering jumps from hole 6 to 10 and as sites 7, 8 and 9 which were never drilled.

Table 6.1.1
1997 Leary Drill Hole Summary

HOLE NUMBER	NORTH (UTM)	EAST (UTM)	ELEV. metres	AZIM. degrees	INCL. degrees	DEPTH metres	CLAIM NAME
LY97-1	7,187,935	563,540	880	090°	-65°	121.31	Auks 27
LY97-2	7,188,620	563,300	750	n/a	-90°	121.31	Auks 29
LY97-3	7,187,200	563,575	965	075°	-65°	78.94	Auks 43
LY97-4	7,188,970	562,700	635	n/a	-90°	60.35	Auks 21
LY97-5	7,187,955	562,805	655	n/a	-90°	60.05	Auks 15
LY97-6	7,188,340	562,590	635	270°	-80°	255.42	Auks 17
LY97-10	7,188,530	562,945	685	n/a	-90°	453.85	Auks 20

6.2 DDH LY97-1 Summary

The first hole was collared at local grid coordinates BL2950E, 7000N in order to test a broad area of elevated copper-gold rock and soil geochemistry. The area is underlain by heterolithic, hematite breccia. A well defined northwest trending linear, representing a probable fault passes just to the north of the drill collar.

Plate 2 is a cross section showing rock units, sample results and alteration types and intensities. Table 6.2.1 summarizes select, uncut drill hole averages. The best copper intersection was near the top of the hole and included 4.5 metres of 3235 ppm Cu and 42 ppb Au. Anomalous silver values of 27.0 and 10.2 ppm were returned from depths of 72 to 75 metres. Molybdenum results are slightly elevated over certain intervals and include maximum values of 66, 25 and 24 ppm. Cobalt and nickel values were low.

Table 6.2.1 Selected Results, DDH LY97-1

From (m)	To (m)	Intercept Length (m)	Copper (ppm)	Gold (ppb)
6.0	88.5	82.5	1037	16
Includes - 15.0	19.5	4.5	3235	42
Includes - 27.0	43.5	16.5	1970	23
Includes - 73.5	88.5	15.0	1777	<5

The top 63.5 metres of the hole was composed of maroon coloured heterolithic Wernecke breccia. This unit is cut by numerous thin (1-5 mm), carbonate-chalcopyrite-pyrite+/-quartz veinlets. In some cases, chalcopyrite is found disseminated within the breccia adjacent to the veinlets. A one-half metre wide fault zone at 63.5 metres separates the heterolithic breccia unit from a variably brecciated, well laminated siltstone to sandstone. This unit is transitional from a homolithic breccia to a highly fractured metasedimentary rock. There are some short intervals of heterolithic breccia. Carbonate and earthy hematite are the dominant alteration minerals. Chalcopyrite along with variable amounts of specular hematite occurs in carbonate veinlets. Copper mineralization drops off down hole at about 88 metres. The hole was shut down at 121.31 metres.

6.3 DDH LY97-2 Summary

The second hole, collared at local grid coordinates L2680E, 7400N, is located 750 metres north-northwest of 97-1 and was drilled to further test anomalous copper-gold rock and soil geochemistry adjacent to a large magnetic anomaly. The area is underlain by heterolithic and homolithic, hematite breccia. The same, well defined northwest trending linear which was described above, passes just to the south of the drill collar.

Plate 3 is a cross section showing rock units, sample results and alteration types and intensities. Table 6.3.1 summarizes select, uncut drill hole averages. The best copper intersection was again near the top of the hole and included 4.5 metres of 2076 ppm Cu and 23 ppb Au. In contrast with hole 97-1, silver and molybdenum values were low. Extremely anomalous nickel and chromium values of 1730 ppm and 1710 ppm respectively were returned from 66.68 to 68.18 metres. Minor anomalous cobalt (108 and 169 ppm) and nickel (127 ppm) values are associated with minor chalcopyrite mineralization at a depth of 37.0 metres.

Table 6.3.1 Selected Results, DDH LY97-2

From (m)	To (m)	Intercept Length (m)	Copper (ppm)	Gold (ppb)
6.68	41.18	34.5	1027	19
Includes - 8.18	12.68	4.5	2076	23

The hole was collared in hematitic Wernecke breccia and remained within the same lithology for its total length. The breccia is mainly of the homolithic variety and is composed of fragmented and rotated clasts of laminated siltstone. Over the first three metres of the hole, the unit is strongly albite altered and is bleached to a distinctive coffee and cream colour. Throughout the rest of the hole, the breccia is intensely metasomatized and altered to a plum-red, hematite breccia. The matrix is filled with specular hematite and calcite. Locally, minor stringers and blebs of chalcopyrite with some malachite staining occur along with the specularite. All visible copper mineralization drops off down hole by about 50 metres. The hole was shut down at 121.31 metres.

6.4 DDH LY97-3 Summary

The last hole testing the anomalous copper-gold rock and soil geochemistry was located 750 metres due south of 97-1 and was collared at local grid coordinates 2900E, 6300N. The site was proximal to the sample stations which returned the best gold values from rock (325 ppb Au) and soil (120 ppb Au). The area is underlain by heterolithic and homolithic, hematite breccia.

Plate 4 is a cross section showing rock units, sample results and alteration types and intensities. Table 6.4.1 summarizes select, uncut drill hole averages. Only two short intervals of low grade copper mineralization were cut. The best intercept, at about 60 metres, included 4.5 metres of 1692 ppm Cu and 25 ppb Au. As in hole 97-1, molybdenum geochemistry was slightly anomalous with maximum values of 41, 23 and 21 ppm . Silver, cobalt, nickel and chromium values were all low.

Table 6.4.1 Selected Results, DDH LY97-3

From (m)	To (m)	Intercept Length (m)	Copper (ppm)	Gold (ppb)
11.7	14.7	3.0	1239	42
58.2	62.7	4.5	1692	25

The top 33.2 and bottom 24.1 metres of the hole intersected hematitic Wernecke breccia with minor zones of homolithic breccia. Zones of intense albite, scapolite, chlorite and carbonate alteration are common and preferentially replace the breccia matrix. Minor chalcopyrite, where present, occurs as disseminations in the breccia matrix and in late carbonate-specular hematite veinlets. From 33.2 to 54.9 metres is a barren, transitional unit consisting of crackled siltstone to sandstone and minor homolithic breccia.

All visible copper mineralization drops off down hole by about 62 metres. The hole was shut down at 78.94 metres.

6.5 DDH LY97-4 Summary

The hole was a shallow test of the northern edge of a major, magnetic high anomaly. It was

collared 350 metres west of 97-2, near a small outcrop of hematite breccia at local grid coordinates 2100E, 8140N. Heterolithic, hematite breccia with minor transitional homolithic breccia was intersected over the entire 60.35 metre length. Only very minor chalcopyrite was encountered and the maximum copper-gold values over a 1.5 metre sample width (54.05-55.55 metres) were 544 ppm Cu and 25 ppb Au.

Plate 5 is a cross section showing rock units, sample results and alteration types and intensities. Silver, cobalt, molybdenum, nickel and chromium values were all low.

6.6 DDH LY97-5 Summary

This vertical hole was a shallow test of the southern edge of a major, magnetic high anomaly. It was collared 750 metres west of 97-1, in an area of dolomitic float at local grid coordinates 2220E, 7160N. Dolomite and dolomitic siltstone were intersected over the entire 60.05 metre length. Only very minor syngenetic (?) pyrite was encountered.

Plate 6 is a cross section showing rock units, sample results and alteration types and intensities. Silver, cobalt, molybdenum, nickel and chromium values were all very low.

6.7 DDH LY97-6 Summary

Hole LY97-6 was drilled in order to test a deep-seated major, magnetic high anomaly. It was originally intended to reach a total depth of about 460 metres, but was terminated at 255.42 metres after cutting a lengthy section of unmineralized, non-magnetic and unaltered laminated argillite. It was collared on a knob just above a highly gossanous outcrop of oxidized dolomite at local grid coordinates 2000E, 7550N. Dolomite and dolomitic siltstone were intersected over the first 47.2 metres while the remainder of the hole cut a monotonous turbiditic sequence of interbedded carbonaceous to locally graphitic argillite, siltstone and fine grain sandstone. Plate 7 is a cross section showing rock units, sample results and alteration types and intensities.

Chalcopyrite is rare and only minor syngenetic (?), finely laminated and disseminated pyrite occurs in the core. The maximum copper and gold values over 1.5 metres are 353 ppm and 30 ppb respectively and were from the dolomite. Lead values are weakly anomalous within the dolomite unit as well, and peak at 172 ppm. Where sampled, the turbiditic sequence has consistently higher background levels of chromium in the 90 to 160 ppm Cr range.

6.8 DDH LY97-10 Summary

The final hole of the 1997 Leary program was collared 375 metres west of LY97-2, at local grid coordinates 2340E, 7700N. The hole was originally intended to be a shallow test of the contact zone between the dolomite and breccia units. During the course of drilling, it was decided to extend the hole to probe for the source of the deep-seated magnetic high anomaly. Modelling of

the anomaly indicated the depth to the source body was about 800 metres (Rainsford, May 21, 1997). The test was a partial success, in that magnetite bearing diorite was intersected over large portions of the core from 380 metres to the end of the hole. However, there are strong arguments to suggest that the amount of magnetite, as measured by taking magnetic susceptibility readings of the core is insufficient to explain the anomaly (Rainsford, June 23, 1997).
Unfortunately, the hole was forced to be abandoned at a depth shallower than planned for reasons of safety. The drill platform footings, originally constructed for a 60 metre hole were beginning to become seriously undermined.

Plate 8 is a cross section showing rock units, sample results and alteration types and intensities. Table 6.8.1 summarizes select, uncut drill hole averages. The best copper intersection was from 114.0 to 130.5 metres and included 16.5 metres of 1300 ppm Cu and 23 ppb Au. This interval of homolithic and heterolithic breccia included chalcopyrite, minor malachite and rare to trace native copper mineralization found in veinlets of quartz, carbonate and specular hematite. Elsewhere in the hole, pyrite is the dominant sulphide present and chalcopyrite is only found in trace to locally minor amounts. Gold values are weakly anomalous (5-80 ppb) over thirteen, 5 to 10 metre core intervals. Maximum values are 85, 80, and 60 ppb Au. The vast majority of silver results are below detection limits and the highest values are 3.8, 1.2 and 0.4 ppm. Molybdenum results are slightly elevated over intervals of higher copper and include maximum values of 62, 29 and 29 ppm. Cobalt values are low with the exception of two weakly anomalous values of 251 and 124 ppm found between 23 and 33 metres depth.

Table 6.8.1 Selected Results, DDH LY97-10

From (m)	To (m)	Length (m)	Copper (ppm)	Gold (ppb)
84.05	85.55	1.5	1490	<5
114.05	130.55	16.5	1300	23
144.05	145.55	1.5	1060	10
180.05	181.55	1.5	1130	45
229.55	232.55	3.0	968	20
265.55	268.55	3.0	932	<5
298.55	300.05	1.5	808	15
441.68	442.5	0.82	930	<5

The top 23.0 metres comprised Gillespie Lake Group dolomite and dolomitic siltstone. A three and one-half metre wide fault zone beginning at 23.0 metres separates the dolomite from maroon coloured heterolithic breccia. Just above the fault contact, the dolomite is cut by carbonate-pyrite+/- chalcopyrite veinlets. In some cases, between 5 and 20% pyrite is found in 'banded' veins and laminations. From 26.5 to 381.8 metres the hole comprised specular hematite bearing heterolithic and homolithic breccia. Carbonate and earthy hematite are the dominant alteration minerals with lesser scapolite, chlorite, silica and limonite. From 381.8 metres to the end of the

hole at 453.85 metres, diorite and heterolithic breccia interfinger each other in a complex manner. Alteration intensities change over this interval and are dominated by chlorite, sericite, quartz and carbonate. This 'phyllic style' of alteration resembles that found with porphyry copper deposits. Pyrite and magnetite are disseminated throughout the diorite but chalcopyrite mineralization is insignificant.

Respectfully submitted,

Michael Stammers, P.Geo.

APPENDIX A

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BIBLIOGRAPHY

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APPENDIX B

DIAMOND DRILL LOGS

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: LEARY - FAIRCHILD	GROUND ELEV.: 880m
HOLE NO.: LY 97-1	BEARING: 090°
LOCATION: CLAIM: AUKS 27 UTM: 7,187,935N 563,540E GRID: 7000N BL2450E	DIP: ~~-75°~~ -65
	TOTAL LENGTH: 121.31m
LOGGED BY: STEVE ROWINS	HORIZONTAL PROJECT: 31.40 m
DATE: JUNE 12, 1997	VERTICAL PROJECT: 117.18m
CONTRACTOR: FALCON DRILLING LTD.	
CORE SIZE: NTW	
DATE STARTED: JUNE 5, 1997	
DATE COMPLETED: JUNE 8, 1997	
DIP TESTS: -58 @ 121.31m (-65 etch A)	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

This hole was collared in hematite Bx on the eastern side of a large magnetic anomaly centred on the eastern side of the Bonnett Plume River. Elevated Cu soil/rock samples are also in the vicinity of the hole.

The top 63.50m of core consists of hematized, maroon-coloured Blt ± numerous thin (1-5mm wide) veins of Carb - Cpy - Py ± Qtz. Surrounding some vns are diss. Cpy. AT 63.50 - .80m a fault contact locallizes v. Str. Hematized + carbonated f.g. well-laminated SST below the Blt. This SST is crackled ± local zones of Blt + Bho. Like the Blt above the fault, numerous fx's are filled with carb - Cpy and HS. In this hole, the Cpy is directly assoc. ± the carbonate. The relationship to HS is indirect. Hole terminated @ 121.31m as no increasing Cpy min'l. was encountered.

LEGEND

RQD = ROCK QUALITY DESCRIPTION
SST = SANDSTONE
SLST = SILTSTONE
ALB = ALBITE
QTZ = QUARTZ
CARB = CARBONATE
CAL = CALCITE
DOL = DOLOMITE
HEM = HEMATITE
MAG = MAGNETITE
RX = ROCK
SX = SULPHIDE
f.g. = FINE-GRAINED
VN. = VEIN
VNS. = VEINS
TCA = TO CORE AXIS
MTX = MATRIX

BX = BRECCIA
Bho = HOMOLITHIC BRECCIA
Blt = HETEROLITHIC BRECCIA
OVB = OVERBURDEN

HS = Specular hematite.
Fx = Fracture

PAGE 1 OF 6 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-1

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION: ALB A	CARB (CAL + DOL) B	CHL C	QTZ D	HEM E	RQD & FRACTURE INTENSITY	% VEIN QTZ.	MAG.
		QVB		0.- 4.50 m CASING IN OVERBURDEN Rubbled core								
5				* 4.50- 63.5m Bht w numerous white-yellow carbonate ± qtz ± py ± cpy vns. Bx is v str. Hem. + carbonated, hence the dark maroon colouration. The Bx is largely clast-supported, MTX dominated by silvery xls of Hem, white carb, and lesser grey qtz; clasts typ angular, <1mm to 7cm dia. The carb-cpy-py-qtz vns tend to cut at a high θ TCA and rarely exceed 5mm thickness. The carb-Sx vns may have a halo of diss. cpy xls. The vns occupy tension gashes / extensional Fx's and clearly post-date the initial Hem Bx event. The Bx was well consolidated when the carb-Sx veining + alt'n event occurred. Many clasts are hematized to varying degrees (i.e., diff shades of purple-maroon) indicating pervasive hem. alt'n prior to Bx as well. The silvery HS in the MTX is directly related to the Bx event. Apple-green Mal is secondary after cpy in thin carb + qtz vns/Fx's.								
	114									177		
	53		Cal-cpy vn (2mm) + assoc' diss. cpy							(97)		
	101		53°							16 (53)		
	100	Bht								114 (75)		
10	73		S1 defined by weak alignment of hem clasts. 50							87 (95)		
	117									123 (67)		
	93		Cal ± Sx vn (3mm) 23							196 (92)		
	85		Cal-cpy vns (10cm wide array) 65							92 (75)		
15	96		Cal-cpy vns 68							73 (21)		
	85		Abundant cpy diss. in Bx. Mal on Fx.							134 (88)		
										189 (62)		
20	98		Cal vn. (5mm) 14							266 (97)		
	106									290 (106)		
25			10cm wide patch of mafic Alb									
	106									210 (94)		
	90		1cm wide cal-cpy vn. 28							190 (78)		
30	127		S1 ? in Bx defined by elongate bands 44							167 (110)		
	87		CHL altered clast							133 (87)		
	95									254 (83)		
35												
	104		HS vns	37.5 - 38.0m Silvery HS in vns cutting Bx frags. and rimming other frags.						185 (101)		
	106		Cal-cpy vn. 28							148 (97)		
40	92									144 (79)		
	108									59 (97)		
	100									231 (76)		
45												

PAGE 2 OF 6 | PROJECT: TAM - FAIRCHILD | HOLE NO. TM97-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	Mag. Susc. x10⁻⁵	SCINT (cps)
									Rubble	Rubble
		4.50	6.00	1.5	N198601	60	<	178		
Cpy ± Py assoc w vns of Carb-qtz. Typically 10-50% of vn vol. w some rare vns almost 100% Sx. Diss. cpy xcs in maroon Bx't is ubiquitous.		6.00	7.50	1.5	N198602	20	<	1135	10-30 (80)	60-90
		7.50	9.00	1.5	N198603	25	<	223		
		9.00	10.50	1.5	N198604	60	<	672		
		10.50	12.00	1.5	N198605	45	<	2080		
		12.00	13.50	1.5	N198606	20	<	170		
		13.50	15.00	1.5	N198607	<	<	59		
		15.00	16.50	1.5	N198608	30	<	4990		
Green Mal on Fx. in Bx (both clasts + MTX)		16.50	18.00	1.5	N198609	40	<	3330		
		18.00	19.50	1.5	N198610	20	<	1385		
		19.50	21.00	1.5	N198611	<	<	269		
		21.00	22.50	1.5	N198612	<	<	43		
		22.50	24.00	1.5	N198613	<	<	56		
		24.00	25.50	1.5	N198614	<	<	72		
		25.50	27.00	1.5	N198615	<	<	774		70-90
Diss. cpy in Bx (TR)		27.00	28.50	1.5	N198616	70	<	4360		
		28.50	30.00	1.5	N198617	30	<	1655		
		30.00	31.50	1.5	N198618	10	<	384		60-90
		31.50	33.00	1.5	N198619	30	<	725		
		33.00	34.50	1.5	N198620	20	<	2530		
		34.50	36.00	1.5	N198621	20	<	126		60-80
		36.00	37.50	1.5	N198622	20	<	481		
Cpy in Fx. in Bx		37.50	39.00	1.5	N198623	25	<	1695		
		39.00	40.50	1.5	N198624	<	<	3500		70-100
		40.50	42.00	1.5	N198625	<	<	2320		
		42.00	43.50	1.5	N198626	30	<	3900		
		43.50	45.00	1.5	N198627	20	<	116		
		45.00	46.50	1.5	N198628	55	<	159		

PAGE 3 OF 6 | PROJECT: CEARY - FAIRCHILD | HOLE NO. LY97-1

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION
50	96	Bht		53.1m - 58.5m - Bht colour changes to a more mottled green-grey-coffee-red reflecting Albitic + Silicic alt'n. Rx ṽ hard + competent.
	97			
	102		Cal vn	
	99		MOTTLED COFFEE GREEN-RED ALT'N (ALBITIC)	
55	93			
	96		Cal vn.	
60	107			
	93			
	96		FAULT (30cm crumble zone)	* 63.50 - 121.31m @ 63.50 - .80cm is a crumbly, friable Rx ẅ extensive Lim. + clay alt'n. This is a fault ẅ Bht above and crackled, purple-maroon, f.g. SST below to E.O.H. (rare Bht in SST also)
65	94	Cracked SST (Bht)		
			68.70m Disrupted So (diff shades of red)	The SST is well laminated in some sections but, in general, ṽ Str. hem. alt'n makes So ṽ. difficult to define. The SST possesses a more purplish hue than the overlying Bht. The same carbonate-Sx alt'n event which affected the Bht, produces a "crackle Bx" in the SST. White Cal fills the Fx's + tension gashes + is assoc. ẅ sign. Cpy. The Fxs in SST appears to host more Cpy than the carb vns. in the Bht above. Abundant diss. Cpy occurs throughout the SST. Silvery blades + vns of Hem fill many Fx's in extensively crackled Rx, although the Hem is not assoc. ẅ Cpy min'l ⇒ Cpy + carb are the assoc. pair. Py is minor + sub-ordinate to Cpy. At 77-80m, thought, Hem + whitish Dol. are intimately intergrown in Crackle Fx's, Some green Cr-mica? Chl in Fx's to
70	102			
	105	(Bht)	72.8-73.0m Zone of Bht	
75	86			
	100		76-77m tension gashes ẅ Cal+Cpy + vns in	
	98		HS + Cal + Dol in Fx's	
80	102			
	99		"crackled"	
	88		So	
85	118			
	98			
	94		Cal-Qtz-Cpy-Py vn (15cm wide)	87.70 - 88.35m Thick, mass. Cal-Dol.-Qtz-Cpy-Py vn in crackled Bxo. Cpy is localized along wallrock-vn margin typically, Also occurs as Fx-infill in crackled SST. Alb + Qtz alt'n surrounds vn.
90				

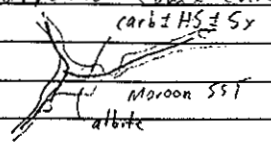
ALTERATION					FRACTURE INTENSITY RQD	% VEIN QTZ.	Mag
Alb A	CARB (CALT DOL) B	CHL C	QTZ D	Hem E			
					730 (76)		
					765 (96)		
					62 (100)		
					768 (95)		
					729 (68)		
					235 (89)		
					148 (98)		
					157 (86)		
					1147 (60)		
					286 (85)		
					243 (96)		
					242 (99)		
					1126 (69)		
					740 (99)		
					60 (99)		
					247 (80)		
					197 (99)		
					106 (66)		
					90 (98)		
					147 (97)		
					186 (67)		

PAGE 4 OF 6 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	Mag Susc. $\times 10^{-5}$ SI UNITS	SCINT (cps)
		46.50	48.00	1.5	N198629	35	<	239	10-20	70-100
		48.00	49.50	1.5	N198630	20	<	121		
		49.50	51.00	1.5	N198631	<	<	68		
		51.00	52.50	1.5	N198632	25	<	1200		
		52.50	54.00	1.5	N198633	<	<	63		70-90
		54.00	55.50	1.5	N198634	<	<	51		
		55.50	57.00	1.5	N198635	<	<	41		
STANDARD REFERENCE SAMPLE N198636 (MS2-06)					N198636	160	<	114		
		57.00	58.50	1.5	N198637	<	<	58		
		58.50	60.00	1.5	N198638	<	<	16		
		60.00	61.50	1.5	N198639	<	<	14		60-90
		61.50	63.00	1.5	N198640	<	<	55		
		63.00	64.50	1.5	N198641	10	<	395		
		64.50	66.00	1.5	N198642	<	<	202		70-100
		66.00	67.50	1.5	N198643	<	<	30		
		67.50	69.00	1.5	N198644	<	<	61		
		69.00	70.50	1.5	N198645	<	<	62		
		70.50	72.00	1.5	N198646	<	<	25		
Numerous tension gashes w Cpy (up to 50 vol.% of gash)		72.00	73.50	1.5	N198647	<	27.0	251	(200)	
		73.50	75.00	1.5	N198648	<	10.2	932		
		75.00	76.50	1.5	N198649	<	1.6	2040		
Cpy in tension gashes (30% vol. of gash)		76.50	78.00	1.5	N198650	10	<	1135		
		78.00	79.50	1.5	N198651	<	<	695		
		79.50	81.00	1.5	N198652	<	<	891		
		81.00	82.50	1.5	N198653	<	<	2390		
		82.50	84.00	1.5	N198654	<	<	762		70-90
		84.00	85.50	1.5	N198655	<	<	1225		
		85.50	87.00	1.5	N198656	<	<	2220		
Clots + xcls of Cpy + minor Py in 15 cm wide Carb - Qtz vn. Cpy also in Fx's surrounding vn.		87.00	88.50	1.5	N198657	15	<	5480		60-90
		88.50	90.00	1.5	N198658	10	<	351		

PAGE 5 OF 6 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-1

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (ALB)	B (CARB/DOL)	C (CHL)	D (QTZ)	E (HEM)	RQD FRACTURE INTENSITY	% VEIN QTZ.	MAG
95	99	Crackled SST (Bht)	So Disrupted bedding defined by diff shades of purple; 30	"Crackled" purple-maroon SST w fx's filled w white cal-dol, silvery-grey HS, and yellow (cpy + py). Very rare zones (5-10cm typ.) of Bht in the SST. Minor, grey-green albitic alt'n halos surround some Carb ± Sx filled fx's.						263 (86)		
	71		38							98 (46)		
	90		So 1							174 (51)		
100	107		32							230 (84)		
	69		Cal-Dol-Cpy vn (2cm wide) 58	101.0 - 121.31m SST exhibits even higher deg. of crackling; Fractures appear to contain more HS than preceding 37.5m of SST. The HS does not correlate w higher Cpy contents, however.						42 (27)		
	98		Cal-Dol-Cpy vn (5mm wide)							109 (89)		
105	99	(Bht)	45							133 (88)		
	96			104.0 - 104.65m Several small (10-25cm) zones of Bht. Clasts are 1-3mm wide, w a MTX of grey qtz-carb-hem. The clasts are hematized, sub-rounded and comprise mainly reddish SST and grey HS.						292 (96)		
110	97									295 (97)		
	103									222 (105)		
	99									181 (73)		
	80									46 (89)		
115	95									144 (94)		
	96									195 (98)		
120	102			121.31m = E.O.H.						297 (97)		
125												
130												
135												



PAGE 6 OF 6 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	Mag. Susc. x10⁻⁵ SI units	SCINT (cps)
Cal-filled fx's in Cpy + tr. Py throughout crackled SST sequence.		90.00	91.50	1.5	N198659	<	<	430		
		91.50	93.00	1.5	N198660	<	<	41		70-90
		93.00	94.50	1.5	N198661	10	<	46		
		94.50	96.00	1.5	N198662	<	<	23		
		96.00	97.50	1.5	N198663	<	<	81	10-20	
		97.50	99.00	1.5	N198664	20	<	262		
		99.00	100.50	1.5	N198665	<	<	666		
Cal-Dol-Cpy vn in crackled SST Cpy ~10% vol. of vn; Euhedral xls; Directly related to rock, not introduced later.		100.50	102.00	1.5	N198666	30	<	68		
		102.00	103.50	1.5	N198667	10	<	206		
		103.50	105.00	1.5	N198668	<	<	62		
		105.00	106.50	1.5	N198669	<	<	117		80-110
		106.50	108.00	1.5	N198670	<	<	10		
		108.00	109.50	1.5	N198671	<	<	30		
		109.50	111.00	1.5	N198672	<	<	72		
STANDARD REFERENCE N198673 (MS2-06)					N198673	155	<	107		70-100
		111.00	112.50	1.5	N198674	<	<	288		
		112.50	114.00	1.5	N198675	<	<	153		
		114.00	115.50	1.5	N198676	<	<	85		
		115.50	117.00	1.5	N198677	<	<	227		
		117.00	118.50	1.5	N198678	<	<	29		
		118.50	120.00	1.5	N198679	<	<	8		
		120.00	121.31	1.31	N198680	<	<	24		

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: FJV - LEARY	GROUND ELEV.: 750 m
HOLE NO.: LY97-2	BEARING: VERT.
LOCATION: UTM: 7,188,620 N, 563,300 E. GRID: 7800 N, 2680 E. AHKS CL. #20.	DIP: -90
	TOTAL LENGTH: 121.31 m
LOGGED BY: JRD	HORIZONTAL PROJECT: Ø
DATE: JUNE 12/1997	VERTICAL PROJECT: 121.31
CONTRACTOR: FALCON DRILLING LIMITED	
CORE SIZE: NTW	
DATE STARTED: JUNE 9, 1997	
DATE COMPLETED: JUNE 11, 1997	
DIP TESTS:	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

- ENTIRE SUCCESSION IS HEMATITE BRECCIA.
- TOP OF HOLE (~4') STRONGLY ALBITIZED.
- INTENSE HEMATITE METASOMATISM → RED., CRACKLE BRECCIAS GRADE INTO HOMOLITHIC BRECCIAS.
- VEINING IN
- PERVASIVE CHLORITIC ALTERATION IN ONE NARROW ZONE (~35→40 m) ASSOCIATED WITH TR CPY AND MC
- MC IN FRACTURES CLOSE TO TOP OF HOLE.

LEGEND

BRX = BRECCIA
Bhm = HOMOLITHIC BRECCIA.
AB = ALBITE
HE = EARTHY HEMATITE
HS = SPECULAR HEMATITE
CA = CALCITE.
MC = MALACHITE
CPY = CHALCOPYRITE
JA = JAROSITE

PROJECT: FJV- LEARY

HOLE NO. LY97-2

DEPTH (m)	% CORE REC	STRUCTURE	GEOLOGICAL DESCRIPTION		FRACTURE INTENSITY (RQD)
	CASING		0 - 5.18	CASING	CASING
5	30		5.18 - 27.34	Bhm.	0.10 (11)
	189	20		VARIABLY ALTERED HOMOLITHIC BRECCIA; STRONG	0.60 (66)
	72	05	FRAC'S + CA.	HEMATITE ALT^N; LARGELY EARTHY RED HEM.	0.66 (43)
	123		+ MC ≈20°; 05°	MOD. AND LOCAL. AB ALT^N.; MICROFRACTURES INFILLED	0.27 (44)
10	86		+ IRREG.	W HAIRLINE CA STRINGERS.	1.01 (66)
			FAULT @ 10m; 05°	- FRAG^TS. VARIABLY ALTERED BY AB AND HEMATITE,	0.20 (33)
	74		" @ 12.5m; 90°	TYPICALLY 0.5 - 2.0 cm ANG. TO SUBANG. CLASTS IN	0.40 (33)
			FRAC'S COMMON.	- TIGHT PACKING, MOD. ROTATION/TRANSLATION; CHAOTIC FABRIC.	
	49		CA ≈40° as TENSION	(S) AB 5.18 - 7.00 m	Ø
15	98	10	GASH INFILL.	- PROTOLITH - V.F. SST/SLTST.	0.14 (23)
			FAULT 15.26; 10°	- NUMEROUS FRACTURES CONTAIN MC. (TR ONLY)	
	83			- JAROSITE ALONG (RECENT) FAULT PLANES + FRAC'S.	1.07 (70)
	67		SL. FOLIATION (EMPLACEMENT?)	- CALCITE STRINGER DENSITY LOW @ TOP OF HOLE.	1.04 (57)
		60, S1	CLAST A-AXES ALIGNED.	- HS STRINGERS AS INFILL AROUND FRAG^TS. (1-2%)	
20	90			GENERALLY TR ONLY.	0.90 (77)
		50	FRAC'S + CA ≈50° & 10°	DECREASING BRX TONGUES INTO CRACKLED	
		10	CA + MC + JA.	SED^TS.; LARGE-SCALE HE METASOMATISM	1.37 (57)
	88			GIVES PLUM-RED COLOUR; 2NDARY HS ALONG	0.63 (67)
		30	~24.4 BLEBS CPY 3-6 MM. (TR)	MINOR BRX TONGUES + INTER-FRAGMENT	
25	95			FRACTURE - DILITATIONAL ZONES	1.50 (70)
	86				1.20 (79)
	86		27.34 - 40.23	CRACKLE BRECCIA. (LOCALLY Bhm)	0.74 (61)
				FINELY BANDED, V.F. SST AND SLTST.; HS ALT^N	0.56 (44)
	72		RELICT Sφ ≈40°	OF COARSER BANDS; LOCALLY HS REPLACEMENT;	0.11 (18)
30	114			29.3 - 31.0 RUBBLE (FAULT?)	0.40 (9)
	42			37.5 - 38.5 ↑ CHLORITE ALT^N (W-M) CRACKLE → Bhm	Ø
		25	Sφ ≈ 25	↑ HS.	Ø
	51	35	Sφ = 35	TR MC ALONG FRAC^S AND MICROFAULTS W SLICKS.	Ø
			FRAC^S W CA " 5-30°	TR JAROSITE ALONG FRACTURES.	
35			"SPIDERY" STRING^S.		
	80		↑	TYPICALLY; AB-ALT^D FRAG^TS APPEAR TO HAVE	0.49 (80)
			INCR. HS, MC	BEEN "INJECTED" INTO HE-ALT^D. AND	
		60	W CL + TR. DISSEM. CPY.	"CRACKLED" SED^TS.	
40	98		↓ SL. S1 FOL.		2.55 (84)
			40.23 - 68.50	Bhm.	1.87
	93			VARIABLY ALT^D. HOMOLITHIC BRECCIA; (S) HE AND	(68)
			TENSION FRAC'S	(M-S) HS; LOCALLY AB ALT^D FRAG^TS.	
45			@ 25-30° W CA	TYPICALLY ANG TO SUBANG. FRAG^TS; CLASTS TO 15 cm.	

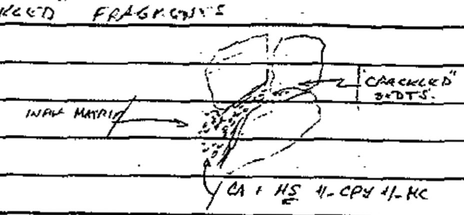
PAGE 2 OF 6 | PROJECT: RJV - LEARY | HOLE NO. LY97-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	BAG. SEQ.
CASING 0 - 5.18									
		5.18	6.68	1.5	199151	25	<	567	
		6.68	8.18	1.5	199152	15	<	824	
		8.18	9.68	1.5	199153	20	<	809	
		9.68	11.18	1.5	199154	30	<	4360	
		11.18	12.68	1.5	199155	20	0.6	1060	
		12.68	14.18	1.5	199156	10	<	441	
		14.18	15.68	1.5	199157	15	<	588	
		15.68	17.18	1.5	199158	25	0.4	174	
		17.18	18.68	1.5	199159	10	<	220	
		18.68	20.18	1.5	199160	10	<	1090	
		20.18	21.68	1.5	199161	10	<	1140	
		21.68	23.18	1.5	199162	10	<	718	
		23.18	24.68	1.5	199163	15	<	1060	
		24.68	26.18	1.5	199164	10	0.6	1075	
		26.18	27.68	1.5	199165	10	<	732	
~24.4 CPY BLEBS 3-6 mm (TR ONLY)	X								
		27.68	29.18	1.5	199166	65	<	2490	
		29.18	30.68	1.5	199167	40	<	893	
		30.68	32.18	1.5	199168	20	<	430	
		32.18	33.68	1.5	199169	10	<	301	
		33.68	35.18	1.5	199170	20	<	316	
		35.18	36.68	1.5	199171	10	<	146	
TRACES CPY & MC ALT^N.;	X	36.68	38.18	1.5	199172	10	<	1405	
DISSEMINATIONS 0.5 - 1.0 mm AVE;	X	38.18	39.68	1.5	199173	10	<	919	
ASSOC. W CA STRINGERS IN FRACS.	X								
	Y	39.68	41.18	1.5	199174	50	<	2470	
	Y								
	Y	41.18	42.68	1.5	199175	20	<	546	
		42.68	44.18	1.5	199176	5	<	62	
		44.18	45.68	1.5	199177	35	<	94	

10-20 | (30) | 10-30 | 10-35 | (40) | 20-40 | 10-30 | 10-20

60-80 | 60-90 | 90-100 | 70-90 | 60-90 | 195-100 | 70-100

 PROJECT: FJV - LEARY HOLE NO. LY97-2

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION		ALTERATION AB A	·/· B	HE C	HS D	CL E	FRACTURE INTENSITY (RQD)	% VEIN QTZ.
45												
	104		30 / 45	CA	CA STRINGERS [illegible] ↑ DENSITY						2.4	
					~47 - 51 m., LARGELY AS TENSION FRACTURE						(21)	
					W/FILLING + INTER-FRAG^T FILL.							
50				CA-FILLED TENSION FRAC'S @ ~75°	LOCAL MICROFAULTS						2.5	
	98		75		GEN. DIFF BETWEEN THE CRACKLE BRECCIA AND						(82)	
					Bhm IS % OF INTRODUCED, FINE "MATRIX"							
					BRECCIA TONGUES (FINE (0.5-1.0 cm)), HS-RICH						2.71	
	101				ZONES 1-30^+ cm "WEDGING IN" BETWEEN LARGE						(91)	
55					"CRACKED" FRAGMENTS							
				FRA								
	100			MULTIPLE, SMALL CA-FILLED TENSION CRACKS @ ~40-85°							2.75 (90)	
				+ STRINGERS OF CA @ 05°/75°							2.92	
60	97		45	MOD. SHEAR @ 45	- LOCALLY CB RHOMB'S DEVELOPED AS PORPHYROBLASTS. 2-3 mm.						(90)	
					N.B. BEDS MAY BE OVERTURNED, ON							
	95			FAULT @ CA @ ~10°	THE BASIS OF RIPPLES (BUT NOT 100% CONF.).						2.20 (90)	
65	107										2.10 (79)	
	95				N.B. AB alt^n. LOCALIZED TO SPECIFIC FRAG^TS						0.67 (94)	
					WITHIN BRX. AND LOCAL SPOTS.						2.55	
	88			68.50-74.50	CRACKLE BRECCIA.						(83)	
70					HEMATITE ALT^D V.F. SST/SLTST, FRACTURED W/							
			80	S0 ≅ 80-85°	ONLY SLIGHT ROT. OR TRAVEL OF FRAGMENTS.						2.17	
	67			CA STRINGERS ∥ S0	RELICT S0 ANGLES PROB. CLOSE TO TRUE.						(72)	
			10	AND @ 10°	TROUGH X-LAM^D. SST., MINOR RIPPLE-DRIFT							
	105										1.77 (64)	
75			5	74.50 - 94.00	Bhm (AS PREV.)							
	110 90			~76.20 (S0) = 0°	GRADATIONAL CONTACTS.							
			40	76.81 FAULT/FRAC. @ 40	- FEWER TRANSPORTED FRAGMENTS OF ALBITE-ALT^D SLTST. IN Bhm						0.17 (14)	
	113			FRAC'S @ 45.	84.00-87.00 SHEARS (CA-FILLED)						1.73 (81)	
80												
	82										1.57 (73)	
	115 77										0.60 (72)	
				55° S.							.56 (4-62)	
85	92										1.81 (64)	
	13										1.31 (34)	
90												

PAGE 4 OF 6 | PROJECT: FJV - LEARY | HOLE NO. [illegible]97-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	
45									
		45.68	47.18	1.5	199178	15	<	44	
TRACES, LOCALLY, OF MC.		47.18	48.68	1.5	199179	<	<	70	
		48.68	50.18	1.5	199180	<	<	15	
50									
(TR) CPY AS DISSEM. BLEBS (0.5-1.0mm)		50.18	51.68	1.5	199181	<	<	146	
		51.68	53.18	1.5	199182	<	<	134	
		53.18	54.68	1.5	199183	<	<	189	
		54.68	56.18	1.5	199184	<	<	99	
55									
	x	56.18	57.68	1.5	199185	<	<	89	
	x	57.68	59.18	1.5	199186	<	<	67	
	x	59.18	60.68	1.5	199187	<	<	95	
	x								
	x								
60	x								
		60.68	62.18	1.5	199188	<	<	96	
		62.18	63.68	1.5	199189	<	<	71	
		63.68	65.18	1.5	199190	<	<	196	
65									
		65.18	66.68	1.5	199191	<	<	81	
		66.68	68.18	1.5	199192	<	<	166	1730N
		68.18	69.68	1.5	199193	<	<	63	
70									
		69.68	71.18	1.5	199194	<	<	30	
		71.18	72.68	1.5	199195	<	<	21	
		72.68	74.18	1.5	199196	<	<	21	
		74.18	75.68	1.5	199197	<	<	61	
75									
		75.68	77.18	1.5	199198	<	<	39	
		77.18	78.68	1.5	199199	<	<	30	
		78.68	79.18	1.5	199200	<	<	30	
80 STANDARD →		NEWMONT STD.			199201	430	1.6	119	
		79.18	80.68	1.5	199202	190	<	139	
		80.68	82.18	1.5	199203	20	<	177	
		82.18	83.68	1.5	199204	5	<	122	
		83.68	85.18	1.5	199205	25	<	156	
85		85.18	86.68	1.5	199206	15	<	14	
		86.68	88.18	1.5	199207	10	<	17	
		88.18	89.68	1.5	199208	5	<	20	
		89.68	91.16	1.5	199209	15	<	27	
90									

10-20 | 70-100 | 70-90 | 10-30 | 10-20 | (30-40) High | 10-40 | 10-45 | 10-30 | 10-20

N2/E2

MADE IN VANCOUVER, CANADA

PAGE 5 OF 6 | PROJECT: FJV - LEARY | HOLE NO. LY97-2

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION AB A	ALTERATION CA B	ALTERATION HE C	ALTERATION HS D	ALTERATION CL E	RQD FRACTURE INTENSITY	% VEIN QTZ.
	92			GRADATIONAL CONTACT INTO CRACKLED SED^{N}							
	93			INCR. CL ALT^{N} TOWARD CONTACT ZONE W/							
				CRACKLE BRX.							
			60	94.00 - 121.31 CRACKLE BRECCIA.							
95	99			STRONGLY HE ALTERED/METASOMATIZED SLTST/SST							
				LOCALLY TROUGH Y-STRAT AND NORMALLY GRADED							
			70	STRINGERS IN CRACKLE-FRACTURES.							
	100			CA + CL + HS							
	93			96.93 - 97.55 FOLD NOSE. 60° → 0° → 70°						1.46	
100				99.06 S_ϕ = 15°; FOLD NOSE.						(49)	
	96		35	S_ϕ = 35° STRONG FRAC^{S} ± CA ALONG AXIAL PLANE.							0.15
				BEDS OVERTURNED FROM 99.35						2.46	(1.3)
				(BASED ON GRADED VF. SST → SLTST)						(98)	
				$\lambda \gtrsim 60$ cm.						2.26	
105	93									(74)	
				BEDDING MORE CONSISTENT @ 100.3 - 101.31							
				LOCALLY INTENSE CRACKLE ZONES W/ ↑ CL/CA %.						2.46	
	99									(81)	
				S_ϕ: 45° STRONG DISLOCATION/ROTATION ε:							
110				(i) 105.00						2.84	
	99			S_ϕ = 45 (ii) 105.50 } 40-50 cm BRX ZONE.						(93)	
				...							
										2.36	
	97			MOD. CRACKLED ZONE.						(78)	
115				S_ϕ = 80							
	101			S_ϕ = 60						2.76	
										(91)	
				S_ϕ = 80							
	97			121.31 E.O.H.						2.66	
120										(87)	
125											
130											
135											

PAGE 6 OF 6 | PROJECT: FJV - LEARY | HOLE NO. LY97-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	Ag ppm	Cu ppm			
90		91.18	92.68	1.5	199210	10	<	18		10-20	70-90
		92.68	94.18	1.5	199211	10	<	15			
		94.18	95.68	1.5	199212	<	<	1			
NO VISIBLE MINERALIZATION											
95		95.68	97.18	1.5	199213	<	<	<			
		97.18	98.68	1.5	199214	<	<	<			(65) low
		98.68	100.18	1.5	199215	<	<	3			60-80
100											
		100.18	101.68	1.5	199216	<	<	<			
		101.68	103.18	1.5	199217	<	<	<			
		103.18	104.68	1.5	199218	<	<	3			
		104.68	106.18	1.5	199219	<	<	4			
105											
		106.18	107.68	1.5	199220	<	<	1			
		107.68	109.18	1.5	199221	<	<	4			
		109.18	110.68	1.5	199222	<	<	<			
110											
		110.68	112.18	1.5	199223	<	<	1			
		112.18	113.68	1.5	199224	<	<	3			
		113.68	115.18	1.5	199225	<	<	<			
115											
		115.18	116.68	1.5	199226	<	<	<			(95) High
		116.68	118.18	1.5	199227	<	<	<			
		118.18	119.68	1.5	199228	<	<	<			
		119.68	121.31	1.63	199229	<	<	<			
120 E.o.H.											
125											
130											

N2/E2

MADE IN VANCOUVER, CANADA

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: LEARY – FAIRCHILD	GROUND ELEV.: 965m
HOLE NO.: LY97-3	BEARING: 075
LOCATION: CLAIM# AUKS 43 UTM: 7,187,200N GRID: 6300N 563,575E 2900E	DIP: -65°
	TOTAL LENGTH: 78.94m
LOGGED BY: STEVE ROWINS	HORIZONTAL PROJECT: 33.36m
DATE: JUNE 21/97	VERTICAL PROJECT: 71.54m
CONTRACTOR: FALCON DRILLING LTD.	
CORE SIZE: NTW	
DATE STARTED: JUNE 15, 1997	
DATE COMPLETED: JUNE 17, 1997	
DIP TESTS: -60.5° @ 77.17m	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

THIS HOLE WAS COLLARED IN Bht ON THE SOUTH-EASTERN EDGE OF A LARGE MAG ANOMALY CENTRED ON THE EASTERN SIDE OF THE BONNET PLUME RIVER. ELEVATED SOIL + ROCK Cu + Au VALUES ARE ALSO NEAR THIS HOLE.

THE TOP 33.24m OF CORE CONSISTS OF HEMATIZED Bht w MINOR ZONES OF Bho. ZONES OF INTENSE ALB-SCAP-CHL-CARB ALT'N ARE COMMON AND PREFERENTIALLY REPLACE THE Bht MTX (CARB-HS). CPY is RARE, BUT OCCURS AS DISSEMINATIONS IN THE MTX. + IN LATE ANK-HS VEINS THAT CUT Bht. RELIN OF CPY TO ALB-SCAP-CHL-CARB PATCHES LESS CERTAIN. FROM 33.24 to 54.87m IS BARREN, CRACKLED SST. BOTTOM 24.07m OF HOLE IS Bht LIKE ABOVE, BUT MORE DISS. CPY (+ MAL ON FX'S). HOLE TERMINATED AS BX FAILED TO HOST SIGNIFICANT CPY.

LEGEND

RQD = Rock Quality Description
SST = SANDSTONE
SLST = SILTSTONE
ALB = ALBITE
QTZ = QUARTZ
CARB = CARBONATE
CAL = CALCITE
ANK = ANKERITE
DOL = DOLOMITE
HS = SPECULAR HEMATITE
HEM = HEMATITE
MAG = MAGNETITE
RX = ROCK
Sx = SULPHIDE
f.g. = fine-grained
vn = vein
MTX = MATRIX
TCA = TO-CORE-AXIS

BX = BRECCIA
Bho = Homo-LITHIC BRECCIA
Blt = HETEROLITHIC BRECCIA
OVB = OVERBURDEN
FX = FRACTURE
PY = PYRITE
CPY = CHALCOPYRITE
MAL = MALACHITE

PROJECT: LEARY - FAIRCHILD

HOLE NO. LY97-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	STRUCTURE NOTES	RQD (FRACTURE INTENSITY)
	85			Intense Alb-Scap ALT'N	91 (43)
	92			4.27-4.32m (CAVE)	48 (52)
	123				49 (80)
5	107			5.3-6.3m	121 (99)
	84		39	Ank vn (5mm wide)	70 (57)
	93	Bht (Bho)	18	Alb-Scap Alt'n Lim-Qtz-Carb ±Sx? vn.	108 (51)
10	69				17 (28)
	91			Late Fx's filled w white Ank	102 (67)
	114		44	Ank vn (1cm wide)	76 (83)
	86		47	Diss. to clotted Cpy (MAL) S1; rubble core	66 (31)
15	100		53	Ank vn (2cm wide)	63 (80)
	80		43	Ank vn (4cm wide); Lim alt'n in broken core	79 (52)
	92			2 Dol-Qtz vns (6mm wide each)	Ø
20	89		52	Lim vn.; Hem alt'n Str.	152 (71)
	138			HS-rich Bht dyke w tr. Cpy (dyke ~ 5cm wide)	13 (47)
	79		39	Dol vn. (8mm wide)	37 (35)
	86			crumbly, friable core.	23 (15)
25	98				Ø
	90		57	S1 defined by aligned clasts + foliated HS bands	97 (80)
	87			Green-grey Alb-Scap-Chl-Carb alt'n (crumbly, friable core)	21 (19)
30	94				115 (47)
	99			Str. Hem. alt'n	135 (63)
35	95	crackle		Green-grey Alb-Scap-Chl-carb alt'n.	212 (70)
	92	F.g. Lam SST			125 (51)
40	94				65 (43)
	103				92 (60)
	78			Broken core + Lim stains on Fx surfaces.	95 (39)
45	127				139 114

ALTERATION: Alb (Scap) A | Carb (Dol ± Ank) B | CHL C | QTZ D | HEM E | %VEIN QTZ LIM | MAG

GEOLOGICAL DESCRIPTION

* 0-1.22m CASING IN OVERBURDEN

* 1.22-33.24m Hematite Bht w zones of intense grey-green Alb-Scap alt'n. The Alb-Scap is v f.g + replaces the Bht MTX (carb-HS) preferentially. In places, the Bht has been totally converted to Alb-Scap ± HS ± Carb. Bht typ. clast-supported, individual clasts range from mm up to ~ 7cm across; Bht grades to Bho locally, where hematized, red SST clasts w bedding account for most of the clast pop. Grey rhombs of dolomite are abundant, esp. in the MTX. Chl locally imp. w Alb-Scap patches.

12.8-14.4m Pink-green zone of foliated Bht. Intense Lim, Hem, Chl, Alb, Scap alt'n in Rx w diss. Cpy. Cpy partially altered to Mal + Lim. S1 @ 47° TCA. defined by alt'n bands of pink Hem + green Chl-Alb-Scap.

15.9-27.1m - Hem alt'n increases (Rx is maroon) + alb - Chl-Scap alt'n decreases

Intense Alb-SCAP-CHL-CARB ALT'N

* 33.24-54.87m Med. grey, bedded to well-laminated, f.g. SST (SLST). Abundant crackling + incipient development of Bho. Fx's filled w white Ank-Dol. + silvery HS. Coffee brown halos of Alb-Scap surround many Fx's. Top 5m of unit intensely Alb-Scap-Chl-Carb alt'd, similar to that developed in the Bht.

PAGE 2 OF 4 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	Ag ppm	Cu ppm	MAG Susc. (x10⁻⁵) SI units	SCINT (cps)
		1.2	2.70	1.5	N200451	20	<	4		
		2.70	4.20	1.5	N200452	15	<	4	0-50	60-80
		4.20	5.70	1.5	N200453	20	<	4		
		5.70	7.20	1.5	N200454	10	<	9		
		7.20	8.70	1.5	N200455	60	<	5		
		8.70	10.20	1.5	N200456	20	<	4	0-40	
		10.20	11.70	1.5	N200457	<	<	11		
Grains of Cpy in Ferruginized Bht. Partially altered to Mal. + Lim.		11.70	13.20	1.5	N200458	50	<	128		
		13.20	14.70	1.5	N200459	35	<	2350	0-40	
		14.70	16.20	1.5	N200460	<	<	13		
		16.20	17.70	1.5	N200461	<	<	16	0-50	60-90
		17.70	19.20	1.5	N200462	15	<	30		
		19.20	20.70	1.5	N200463	20	<	27		
Tr. Cpy in HS-rich Bht.		20.70	22.20	1.5	N200464	<	<	11		
		22.20	23.70	1.5	N200465	10	<	14		
		23.70	25.20	1.5	N200466	<	<	15		
		25.20	26.70	1.5	N200467	10	<	7	0-30	
		26.70	28.20	1.5	N200468	<	<	4		
		28.20	29.70	1.5	N200469	<	<	6		
		29.70	31.20	1.5	N200470	10	<	3		
		31.20	32.70	1.5	N200471	10	<	21		
		32.70	34.20	1.5	N200472	30	<	109		60-100
		34.20	35.70	1.5	N200473	10	<	24		
		35.70	37.20	1.5	N200474	<	<	6		
		37.20	38.70	1.5	N200475	25	<	60		
		38.70	40.20	1.5	N200476	<	<	14		
		40.20	41.70	1.5	N200477	<	<	14		
		41.70	43.20	1.5	N200478	<	<	66		
		43.20	44.70	1.5	N200479	<	<	26		60-90
		44.70	46.20	1.5	N200480	<	<	9		

PAGE 3 OF 4 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION
	99	crackled f.g. Lams SST (GSST)	crackled	No Sx
50	90		So 78 crackled	
	109		Carb vn 49 increased Hem alt'n	* 54.87 - 78.94m (EOH) Bht like above. Some diss. Cpy, typ. assoc. w carb alt'n. Patches of pink-red Hem-carb alt'n replace earlier Bht.
55	108		Ank-Dol-QTZ Cpy vn. bx.	
	80		Dol-Ank vn. - MAL on Fx's 57 Ank-Cpy vn. 49 Hem-carb alt'n	
	102		Diss. Cpy MAL on Fx's	→ 55.30-59.8m. Intense Hem-Carb alt'n of Bht. Rx now pinkish-red + cut by Carb ± Cpy ± qtz vns. Cpy diss. throughout zone. Rare Mal on Rx Fxs.
60	98		Dol-Cpy-Hs vn (15cm wide) 63 Tr. Cpy in late Carb-Alb-Hs vn.	
			Diss.	
	96			→ 59.87-78.94m Bht like above, w clasts showing frequent prior carb alt'n (Fx's in clasts filled w white carb; Fx's do not extend beyond clast edge into BX MTX. Some rare zones of f.g. Lam. SST preserved in Bht. High X TCA So.
65	101			
	111		Ank vn. 52	
70	92		So 37	
	93			
	97			
75	88		Way-up (downhole)	] PRESERVED f.g. Lam. SST, graded bedding indicate "way-up" is downhole. Beds overturned? or is SST Rx. a rotated "Block".
	113		So 78	
80				
85				
90				

ALTERATION: A Alb | B Carb (Dol ± Ank) | C CHL | D QTZ | E HEM

RQD	FRACTURE INTENSITY	% VEIN QTZ	MAG
293 (96)			
237 (78)			
282 (103)			
36 (9)			
171 (70)			
197 (92)			
261 (86)			
267 (88)			
262 (86)			
66 (27)			
260 (85)			
85 (79)			
167 (89)			
63 (53)			
168 (92)			

PAGE 4 OF 4 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	Mag. Susc. (x10⁻⁵) SI UNITS	SCINT (cps)
No Sx		46.20	47.70	1.5	N200481	10	<	5	0-30	60-90
		47.70	49.20	1.5	N200482	<	<	25		
		49.20	50.70	1.5	N200483	<	<	10		
		50.70	52.20	1.5	N200484	<	<	4		60-100
		52.20	53.70	1.5	N200485	10	<	5		
REFERENCE STANDARD N200486 (SAP17)					486	285	<	40		
		53.70	55.20	1.5	N200487	10	<	55		
Grains of Cpy in carbonate vn by cutting f.g. SST. (< 1% vol)		55.20	56.70	1.5	N200488	10	<	861		
		56.70	58.20	1.5	N200489	20	<	674	0-70	
Cpy + rare Mal (on Fx's) in zones of intense carbonate + Hem alt'n. Numerous vns of Cpy + carb (Cpy up to 1% vol.) Tr. Cpy in Carb-Alb+HS veinlets.		58.20	59.70	1.5	N200490	45	<	3860		70-100
		59.70	61.20	1.5	N200491	20	<	206		
		61.20	62.70	1.5	N200492	25	<	1010	0-40	
		62.70	64.20	1.5	N200493	10	<	320		
		64.20	65.70	1.5	N200494	<	<	189		
		65.70	67.20	1.5	N200495	10	<	164		
		67.20	68.70	1.5	N200496	30	<	240	0-30	
		68.70	70.20	1.5	N200497	30	<	264		
		70.20	71.70	1.5	N200498	5	<	42		
		71.70	73.20	1.5	N200499	20	<	357		60-100
		73.20	74.70	1.5	N200500	<	<	83		
		74.70	76.20	1.5	N200501	<	<	55		
		76.20	77.70	1.5	N200502	10	<	41		
		77.70	79.20	1.5	N200503	25	<	113		60-80

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: LEARY - FAIRCHILD	GROUND ELEV.: 635m
HOLE NO.: LY97-4	BEARING: N/A
LOCATION:	DIP: -90°
	TOTAL LENGTH: 60.35m
LOGGED BY: STEVE ROWINS	HORIZONTAL PROJECT: N/A
DATE: JUNE 14, 1997	VERTICAL PROJECT: 60.35m
CONTRACTOR: FALCON DRILLING LTD	
CORE SIZE: NTW	
DATE STARTED: JUNE 10, 1997	
DATE COMPLETED: JUNE 11, 1997	
DIP TESTS: -84 @ 60.35m (-86 etch 4)	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

HOLE WAS DRILLED INTO HEMATITE BRECCIA TO TEST THE NORTHERN EDGE OF A MAGNETIC HIGH. ONLY MINOR CPY WAS DEVELOPED IN THE CORE, AND LIKE OTHER LEARY HOLES (AND SLAB MTN), THE CPY IS ASSOCIATED WITH CARBONATE VEINS + CARB ALT'N ZONES. SEVERAL SMALL INTERVALS OF "CRACKLED" FINE-GRAINED SANDSTONE IDENTIFIED THIS AS THE HOST-ROCK. THE CORE WAS NON-MAGNETIC AND STRONGLY CARBONATIZED + HEMATIZED. CPY WAS PRESENT ONLY IN THE Bxt AT THE BOTTOM OF THE HOLE. THE HOLE WAS TERMINATED AT 60.35m AS SIGNIFICANT SULPHIDE MINERALIZATION WAS ABSENT.

LEGEND

RQD = ROCK QUALITY DESCRIPTION
SST = SANDSTONE
SLST = SILTSTONE
ALB = ALBITE
QTZ = QUARTZ
CARB = CARBONATE
CAL = CALCITE
ANK = ANKERITE
HEM = HEMATITE
MAG = MAGNETITE
Rx = ROCK
Sx = SULPHIDE
F.g. = FINE-GRAINED
Vn. = vein
Vns. = veins
TCA = TO-CORE-AXIS
MTX = MATRIX

BX = BRECCIA
Bhx = HOMOLITHIC BRECCIA
Bht = HETEROLITHIC BRECCIA
OVB = OVERBURDEN
HS = SPECULAR HEMATITE
FX = FRACTURE
Py = PYRITE
CPY = CHALCOPYRITE

PAGE 1 OF 4 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-4

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION: ALB A	CARB (CAL + ANK) B	CHL C	QTZ D	HEM E	RQD FRACTURE INTENSITY	% VEIN QTZ.	MAG
		OVB		* 0 - 3.05 m CASING IN OVERBURDEN								
	102	Bht	Carb vn. (8cm wide)	* 3.05 - 12.78 m Hematite-rich Bht (maroon) w white carb ± HS; MTX is carb + HS; clast-supported. Coffee-coloured albite occurs as thin alt'n halos (1 - 8mm wide) surrounding the carb-HS vns. Many clasts are angular and are cut by late hairline Fx's filled w carb. Lim-staining + voids in some carb vns. suggest prior Sx (Py) min'l. Albitic alt'n also along late Fx's in Bx. Like all other LY holes, an early Hm. event affected the Bx, followed by Bx + later HS + Carb ± Sx alt'n.						80 (66)		
5	136									83 (68)		
	93									120 (99)		
	97									238 (78)		
10												
12.78	98	f.g. SST	Crackled							292 (96)		
14.11				* 12.78 - 14.11 m Dark purple-maroon, f.g., str. Hematized, SST. Incipiently crackled w Fx's filled by white-yellow carb. + silvery HS. Original So obliterated.								
15	99		16.0-.2m fault? (Clayed core) Alb. alt'n							268 (88)		
			Alb. alt'n Carb-HS-Alb. vn. "Hem's path"							293 (90)		
	95		48 - Carb HS vn	* 14.11 - 38.2 m Same as Bht above, but several zones of green-coffee brown alb. are prominant								
20	98	Bht								292 (96)		
	110		Alb. alt'n Carb alt'n	24.0-.25cm Strong Carb + HS alt'n. Silvery blades of HS in diffuse white-grey patches of carb.						67 (110)		
25	98									296 (97)		
	97		Carb-Hs vn. 21 Carb-HS vn 44							242 (79)		
30			Carb-HS-vn 18									
	95		Cal vn 27 Cal. vn 49	Silvery Grey HS v abundant in Fx's w carb. Some Fx's almost 100% HS						288 (94)		
	100		Cal. vn. 60							277 (91)		
35			Cal. vn. 31									
	99									267 (88)		
38.2		f.g. SST	crackled Cal. vn. 18 11	* 38.2 - 41.6 m Dark purple maroon, f.g., Hematized, SST like above @ 12.78m								
40	100									286 (94)		
41.6 m		Bho	Cal. vn.	* 41.46 - 43.75 m Maroon Bho w Fx's filled v silvery HS and white carb. Clasts of Hem are cut by late carb vns. Bho gradational between SST above and Bht below.								
43.75	98		35							242 (79)		
45		Bht	Cal-Hs vn 23									

PAGE 2 OF 4 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY17-4

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	Mag Susc. X10-5 SI UNITS	SCINT (cps)
		3.05	4.55	1.5	N198701	10	<	4		
No Sx in Bht or SST		4.55	6.05	1.5	N198702	10	<	69	10-20	60-80 / 60-90
		6.05	7.55	1.5	N198703	15	<	186		70-90
		7.55	9.05	1.5	N198704	15	<	5		
		9.05	10.55	1.5	N198705	<	<	3		
		10.55	12.05	1.5	N198706	<	<	6		
		12.05	13.55	1.5	N198707	<	<	36		
		13.55	15.05	1.5	N198708	<	<	23		
		15.05	16.55	1.5	N198709	<	<	27		
		16.55	18.05	1.5	N198710	<	<	79		
		18.05	19.55	1.5	N198711	<	<	32		
		19.55	21.05	1.5	N198712	<	<	3		
		21.05	22.55	1.5	N198713	<	<	3	10-30	
		22.55	24.05	1.5	N198714	<	<	3		
		24.05	25.55	1.5	N198715	<	<	1		
		25.55	27.05	1.5	N198716	<	<	2		
		27.05	28.55	1.5	N198717	<	<	8		
		28.55	30.05	1.5	N198718	<	<	14		
		30.05	31.55	1.5	N198719	<	<	5		
		31.55	33.05	1.5	N198720	<	<	9		
		33.05	34.55	1.5	N198721	<	<	4		
		34.55	36.05	1.5	N198722	5	<	13		
		36.05	37.55	1.5	N198723	<	<	22	10-25	
		37.55	39.05	1.5	N198724	10	<	25		
		39.05	40.55	1.5	N198725	<	<	36		
		40.55	42.05	1.5	N198726	<	<	44		
		42.05	43.55	1.5	N198727	<	<	2		
		43.55	45.05	1.5	N198728	10	<	10		

PAGE 3 OF 4 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-4

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (ALB)	B (CARB/CAL+ANK)	C (CHL)	D (QTZ)	E (HEM)	FRACTURE INTENSITY RQD	% VEIN QTZ	MAG
	100		S_1 - Aligned clasts * 53	43.75 - 60.35m Hem. Bht like above. Numerous carb-HS vns cut the Rx & some clasts are preferentially aligned @ 20-30° TCA (S_1 fabric). Fx's & MTX dominated by HS + white carb. Brown-coffee coloured albite occurs in clots & as margins (halos) around some vns. Clasts of all types appear to have undergone prior hematization. Some bright red patches of altn are late Hem alt'n post-dating both maroon & silvery specularite. Minor Cpy w carb in Fx's.					265 (93)		
	120		green Cr-rich mica in Fx's							35 (115)		
50	96									278 (83)		
	95		Ank Lim-Cpy vn (1cm wide) 28 S_1 - Aligned clasts 38							220 (174)		
55	99		Grains of Cpy w alb-HS-carb altn 90 Carb-Cpy-Alb-Py - HS vn: (2cm) 76 Ank vn. 35							227 (174)		
	101		Intense brown alb. altn	58.55 - 60.35m Zone of intense coffee brown alb. altn; assoc. w vns + Fx's of white Ank + silvery HS. No Cpy was recognized						303 (194)		
60	97									27 (117)		
60.35				E.O.H. = 60.35m								
65												
70												

PAGE 4 OF 4 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-4

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	Mag. Susc. $\times 10^{-5}$ SI UNITS	SCINT (cps)
↓		45.05	46.55	1.5	N198729	<	<	148		70-100
		46.55	48.05	1.5	N198730	<	<	224	10-25	↓
		48.05	49.55	1.5	N198731	10	<	233	↓	
		49.55	51.05	1.5	N198732	10	<	31		70-90
		51.05	52.55	1.5	N198733	10	<	134		↓
Minor Cpy in Carb-Lim vn (Tr.)		52.55	54.05	1.5	N198734	<	<	196		
Cpy grains (<1mm) in carb-alb-Hs alt'n. (7. minor)		54.05	55.55	1.5	N198735	25	<	544		
		55.55	57.05	1.5	N198736	15	<	84	↓	
Cpy-Carb-Hs ± Py ± alb vn. (1cm wide); Cpy ~ 1%										
		57.05	58.55	1.5	N198737	10	<	45	10-30	70-100
REFERENCE STANDARD N198738 (SAP 17)					N198738	295	<	35	↓	↓
		58.55	60.35	1.5	N198739	25	<	3		70-90

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: LEARY - FAIRCHILD	GROUND ELEV.: 655m
HOLE NO.: LY97-5	BEARING: N/A
LOCATION:	DIP: -90° (vert.)
	TOTAL LENGTH: 60.05m
LOGGED BY: STEVE ROWINS	HORIZONTAL PROJECT: N/A
DATE: JUNE 13/97	VERTICAL PROJECT: 60.05m
CONTRACTOR: FALCON DRILLING LTD.	
CORE SIZE: NTW	
DATE STARTED: JUNE 11, 1997.	
DATE COMPLETED: JUNE 12, 1997	
DIP TESTS: NIL	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

HOLE WAS DRILLED TO TEST THE WESTERN EDGE OF A LARGE MAGNETIC ANOMALY CENTRED IN THE BONNETT PLUME RIVER VALLEY. THE HOLE INTERSECTED A FINE-GRAINED SANDSTONE (SILTSTONE) WITH ZONES OF CRACKLING AND MINOR DEVELOPMENT OF HOMOLITHIC BRECCIA. THE HOLE WAS VIRTUALLY BARREN OF SULPHIDE SAVE FOR SOME SMALL CARB-CPY±QZ STRINGERS AND "SOOTY" DIAGENETIC PYRITE ALONG STYLOLITIC SURFACES. HEMATITIC ALT'N WAS ABSENT AND THE HOLE WAS TERMINATED AT 60.05m DUE TO A LACK OF MINERALIZATION

LEGEND

RQD = ROCK QUALITY DESCRIPTION
SST = SANDSTONE
SLST = SILTSTONE
ALB = ALBITE
QTZ = QUARTZ
CARB = CARBONATE
CAL = CALCITE
ANK = ANKERITE
HEM = HEMATITE
MAG = MAGNETITE
RX = ROCK
SX = SULPHIDE
F.g. = FINE-GRAINED
VN = VEIN
VNS = VEINS
T.C.A. = TO-CORE-AXIS
MTX = MATRIX

BX = BRECCIA
Bho = HOMOLITHIC BRECCIA
Blt = HETEROLITHIC BRECCIA
OVB = OVERBURDEN
HS = SPECULAR HEMATITE
FX = FRACTURE

PAGE 1 OF 4 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97 - 5

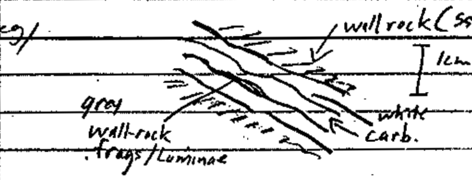
ALTERATION columns: ALB (A), CARB (CAL + ANK) (B), CHL (C), QTZ (D), HEM (E); RQD & FRACTURE INTENSITY; % VEIN QTZ; MAG

CASING IN OVERBURDEN

* 3.30 - 60.05 m Pale to Med grey, f.g. SST to SLST. Well laminated on the order of 5mm to 6cm. Numerous, thin (1-10 mm wide), white carbonate (Cal. + Ank) vns. Some vns contain sub-rounded to euhedral xls of Py. Hem? or a FeOx (Lim?) in some Fx's in Rx. Stylolitic surfaces are common along bedding contacts. Facing (way-up) direction easily determined from graded bedding - pale grey, f.g. SST grades to dark grey SLST. Non-Magnetic. In several places, grey-black graphite is present. This is likely reduced organics from the original sed. Rx.

→ 13.80 m - 1cm wide, laminated carb-graph? vn. Several "crack-seal" events. No Sx

eg/



→ 20.1 m 2cm wide Carb - Py vn. Large, 1cm wide Dol-Ank xls Fractured by 2nd gen. Ank. Py tends to follow cntct between wall-rock + vn. 15 cm deeper in DDH a "Sooty" py vn is encountered. Py along some stylolitic surfaces + related Fx's commonly w̄ carb.

→ 37.9 m 10 cm wide zone of blk graphitic SST

→ 41.7 m Weak crackling of f.g. SST producing Bx

% Core Rec	RQD (Fracture Intensity)
135	19 (21)
72	86 (56)
98	236 (78)
101	191 (64)
104	280 (92)
105	287 (94)
99	264 (87)
97	287 (94)
101	297 (99)
102	296 (97)
103	304 (100)
103	295 (97)
95	261 (86)
100	290 (95)
100	298 (98)

Lithology: OVB; f.g. SST (SLST); (Bx)

Structure notes (downhole): Cal-Py vn; So; Minor crackling in sequence; Laminated Cal.-graph? vn; Cal vn.; So; Cal-py vn; way-up; So; finely laminated; Carb-Py vn. (2cm wide); Sooty Py vn.; way-up; Py along Stylo/So cntct.; Cal. vn; graphite seam; Cal-Py vn; So; crackled; So; Cal vn.; way up; Cal vn; So; graphitic seam +Py; Py in Stylolite; Crackled SST; Cal vn ± Py; So; Strongly laminated

PAGE 2 OF 4 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-5

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	Mag Susc. X10-5 SI UNITS	SCINT (cps)
		3.30	4.80	1.5	N199251	<	<	5	0-10	40-70
		4.80	6.30	1.5	N199252	<	<	3		40-60
Throughout entire sequence get "sooty" Py in stylolitic surfaces + related Fx's		6.30	7.80	1.5	N199253	<	<	2	0-15	
		7.80	9.30	1.5	N199254	<	<	3		
		9.30	10.80	1.5	N199255	<	<	3		
		10.80	12.30	1.5	N199256	<	<	3		
Py in Fx w carbonate		12.30	13.80	1.5	N199257	<	<	7		40-65
		13.80	15.30	1.5	N199258	<	<	3		
Tr. Py in Cal vn.		15.30	16.80	1.5	N199259	<	<	3		
		16.80	18.30	1.5	N199260	<	<	5		
		18.30	19.80	1.5	N199261	<	<	2		
		19.80	21.30	1.5	N199262	<	<	4		
10% Py in Py-carb vn.										
100% Sooty Py in 1cm wide vn.		21.30	22.80	1.5	N199263	<	<	3		
Py in stylolitic fractures w carb.		22.80	24.30	1.5	N199264	<	<	2		
		24.30	25.80	1.5	N199265	<	<	3		
		25.80	27.30	1.5	N199266	<	<	2		
Py in Py-carb vn. (30-40 vol% Py)		27.30	28.80	1.5	N199267	<	<	4		
		28.80	30.30	1.5	N199268	<	<	1		
		30.30	31.80	1.5	N199269	<	<	2		
		31.80	33.30	1.5	N199270	<	<	7		
		33.30	34.80	1.5	N199271	<	<	2		
		34.80	36.30	1.5	N199272	<	<	3		
		36.30	37.80	1.5	N199273	<	<	19		
Sooty Py in 10 cm wide graphitic seam		37.80	39.30	1.5	N199274	<	<	4		
Py in Stylolite		39.30	40.80	1.5	N199275	<	<	5		
		40.80	42.30	1.5	N199276	<	<	5		
		42.30	43.80	1.5	N199277	<	<	4	0-20	
		43.80	45.30	1.5	N199278	<	<	1		

PROJECT: LEARY - FAIRCHILD

HOLE NO. LY97-5

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALB A	CARB (CAL. + ANK) B	CHL C	QTZ D	HEM E	RQD / FRACTURE INTENSITY	% VEIN QTZ.	MAG
	98	Fr-ly.	47	Cal vn	Some laminations contain blk graphitic? seams, typ. w minor Py						274 (90)		
	101	SST (SLST)	50								307 (99)		
50			23	8mm wide									
	102		70, 80	Sooty Py vn. Py-Carb-Qtz vn	51.8m Irregular Py-Carb-Qtz vn. Crackling of core more intense						308 (99)		
55	90	SST / Bho		Strong crackle / Py laminae	54.25 - 55.15m Crackled SST w fx's filled w carbonate + Py						276 (99)		
	102	SST (SLST)	69, 50, 75		55.15-57.0m m Bho developed in crackled SST. Fx's filled w white Cal-Ank and Py, MTX also contains Py+carb.						310 (102)		
60					57.0 - 60.05m Crackled SST as above w minor Py w carb in Fx.								
65													
70													

PAGE 4 OF 4 | PROJECT: [illegible] | HOLE NO. [illegible]

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	Mag Susc. $\times 10^{-5}$ SI UNITS	SPINT cps
Py ± Po graphitic laminations		[illegible]	46.70	1.5	[illegible]	<	<	1	0-15	
		46.40	48.30	1.5	N199280	<	<	2		40-65
		48.30	49.80	1.5	N199281	<	<	3		
		49.80	51.30	1.5	N199282	<	<	1		
Sooty Py vn. (100% Py)										
		51.30	52.80	1.5	N199283	<	<	1		
Py - Carb ± Qtz vn (10% Py)		52.80	54.30	1.5	N199284	<	<	3		
Py - Carb in fx's in crackled SST		54.30	55.80	1.5	N199285	<	<	5		
REFERENCE STANDARD (SAP 17)					N199286	115	<	33		
Py - carb in fx's + MTX ± Bio		55.80	57.30	1.5	N199287	<	<	6	(20-30)	
		57.30	58.80	1.5	N199288	<	<	1		
		58.80	60.05	1.5	N199289	<	<	3		

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: FJV - LEARY	GROUND ELEV.: 685m
HOLE NO.: LY97-6	BEARING: 270 Az.
LOCATION: UTM: 7 188 479 N, 562 561 E; GRID: 2000 E, 7550 N	DIP: -80
	TOTAL LENGTH: 255.42 m.
LOGGED BY: JRD	HORIZONTAL PROJECT: 44.35 m.
DATE: JUNE 15, 1997	VERTICAL PROJECT: 251.54 m.
CONTRACTOR: FALCON DRILLING LIMITED	
CORE SIZE: NTW	
DATE STARTED: JUNE 11, 97	
DATE COMPLETED: JUNE 15, 97	
DIP TESTS: ACID TEST: @ 148.84 m 80°; @ 255.59 m 82.5°	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

CONTINUOUS SUCCESSION OF INTERBEDDED GRAPHITIC ARGILLITE AND LAM. V.F. SST, LOCALLY SLTST. LOCALLY PHYLLITIC FOL. TOP OF UNIT EXHIBITS A UNIQUE, LOCALLY SILICIFIED, RECRYSTALLIZED DOLOMITE WITH GRAPHITIC ARGILLITE AND STYLOLITES.

RARE SILICIFIED, PYRITIC ZONES OCCUR.

MULTIPLE FOLD NOSES SUGGEST MODERATE TO TIGHT FOLDING & REPEATED REVERSALS OF TOPPING DIRECTIONS.

GENERALLY AN APPARENTLY BARREN SUCCESSION, TYPICALLY WITH LIMITED SULPHIDE MINERALIZATION OR ALTERATION.

- DOLOMITE/CB ZONE SAMPLED (CONTINUOUS)
- ARG/SST SAMPLED ALT^NS. 1/3

LEGEND

ARG = ARGILLITE
SST = SANDSTONE
SLTST = SILTSTONE.
CB = CARBONATE
CA = CALCITE
DOL = DOLOMITE
PY = PYRITE
CPY = CHALCOPYRITE

 PROJECT: FJV - LEARY HOLE NO. LY97-6

DEPTH (m)	% CORE REC	LITHOLOGY / STRUCTURE	INTERVAL / NOTES	GEOLOGICAL DESCRIPTION	ALTERATION A (CB)	ALTERATION B (Si)	C	D	E	RQD / FRACTURE INTENSITY	% VEIN QTZ.
	CASING		0 - 3.66	CASING						CASING	
5	85	CA	3.66 - 6.68 CA VEINS @ 15° ; 80°	RUBBLY CORE; V.F. SST INTERBEDDED c̄ GRAPHITIC ARGILLITE; CALCITE VEINS WITH BLEBS OF PY (TR.)	X	X				34	
	93	CA. SH. US		VEIN BRX. / XENO'S. OF WALLROCK. PY LOCALLY 3-4%; JAROSITE ALONG FRAC'S.	X	X				68	
			6.68 - 7.00 STYLOLITES THROUGHOUT.	COARSELY XL^d DOLOMITE, INTERSTITIAL GRAPHITIC MATERIAL WITH MULTIPLE STYLOLITES @ ⊥ CORE.	X	X					
10	92			DOL RHOMBS / GRAPHITE	X	X				80	
			7.00 - 24.33	DOLOMITE (WITH V.F. SST INTERBEDS.)	X	X					
	106			COARSELY XLINE DOLOMITE 1-2 cm X/S AS INTERLOCKING MOSAIC (PROB. 2NDARY/RECRYSTALLIZED)	X	X				85	
15		PY	1cm, ARG.	* POSS. A CARBONATE DEBRIS FLOW CAUGHT UP WITH BLACK MUDS + RESUD. TO DEEP BASIN (c̄ SURROUNDING TURBIDITES)	X	X					
	100		PY + CA. SST	SST. INTERBEDS: 8.63 - 8.75, 8.95 - 9.15 } S0 = 45° RELICT CONTORTED GRAPHITE/HOST LAM'S.	X	X				88	
	101		FLAMES / DEWATERING SHEETS.	ABUNDANT PY (OVERALL - TR - 0.5%); MOSTLY BLEBS 0.5-1cm WITHIN BLACK, GRAPHITIC HOST; ~~STRONG. VAR IN XL SIZE;~~ PY VEINLET @ 14.20 (0.5 cm @ 45°)	X	X				87	
20				SANDY DOL. LOCALLY.;	X	X					
	97			24.00 - 24.33 PY VEINLETS c̄ CALCITE. POSS. RELICT FLOW (SED) TEXTURES.	X	X				83	
25	98		24.33 -	INTERBEDDED V.F. SST / GRAPHITIC ARGILLITE.	X	X				86	
		20	CA IN FRAC'S + PY (TR.)	- THICK SUCCESSION OF MONOTONOUSLY LAMINATED, LOCALLY TROUGH X-LAMINATED V.F. SST., MOSTLY							
	90		PY STRINGERS (~~SED. VEIN MAT.~~ LOCALLY)	MASSIVE TO PLANAR LAMINATED + SHARP BASED TURBIDITES (BOUMA Tab + Tabc); RARELY WITH Te.						73	
30	102		30.78 CONVOLUTE LAMS. (MICRO).	SANDSTONES ARE INTERBEDDED WITH (Te) AND (Tae) SILTY ARGILLITES → LOCALLY VERY GRAPHITIC.						93	
	95	S0=45	S0 = 40 (15 CA + PY) FRAC'S @ 5-10° AND ∥ S0 + STRONG MICROFAULTING THROUGHOUT. OFFSETS MM'S → 1-2cm.	← NORMAL DISTR. GRADED BANDS, SOME V.F. LAMINATED (PLANE); 2 cm. ← GRAPHITIC ARGILLITE.						77	
35	95			ZONES OF STRONG "CRACKLING / FRACTURES.						86	
			S0 = 45								
	100		39.43 - 40.00 CRACKLED ZONE	30.8 - 31: STRONG GRAPHITE. 31.50 - 33.83 " "	X					100	
40				* SEVERAL TEXTURES SUGGEST SOME SYNSED.	X						
	107	45, 45, 30	42.76 CRACKLES + CA.	"SLIDES + DEWATERING, COMPLICATED BY A TECTONIC" BRX. OVERPRINT.						103	
	91			SST ∥, FRAC, SLTST, SST SECOND SST TONGUE X-CUTS STRATIGRAPHY	X					91	
45											

PAGE 2 OF 12 | PROJECT: FJV - LEARY | HOLE NO. LY97-6

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	MAG. SUSC. X10-3 SI UNITS	SCINT (CPS)
Mineralization restricted to TR PY, MOSTLY AS BLEBS WITHIN DOL.		3.66	5.16	1.5	199301	<	<	33	0-15	40-60
		5.16	6.66	1.5	199302	<	<	14		
		6.66	8.16	1.5	199303	<	<	7		
		8.16	9.66	1.5	199304	<	<	5		
		—	—	—	—					
		—	—	—	—					
		—	—	—	—					
		9.66	11.16	1.5	199305	<	<	4		
		11.16	12.66	1.5	199306	<	<	4	0-10	
		12.66	14.16	1.5	199307	10	<	5		
		14.16	15.66	1.5	199308	<	<	7		
		15.66	17.16	1.5	199309	<	<	4		
		17.16	18.66	1.5	199310	<	<	10		
		18.66	20.16	1.5	199311	<	<	13		
		20.16	21.66	1.5	199312	<	<	7		
		21.66	23.16	1.5	199313	<	<	19	0-15	40-65
		23.16	24.66	1.5	199314		<	27		
		24.66	26.16	1.5	199315	<	<	32		
		26.16	27.66	1.5	199316	<	<	11		
		27.66	29.16	1.5	199317	<	<	36		
		29.16	30.66	1.5	199318	<	.6	244		
		30.66	32.16	1.5	199319	<	<	6		
		32.16	33.66	1.5	199320	<	<	29		
		33.66	35.16	1.5	199321	<	<	11		
		35.16	36.66	1.5	199322	<	<	18		
		36.66	38.16	1.5	199323	<	<	16		
		38.16	39.66	1.5	199324	<	<	10		
		39.66	41.16	1.5	199325	<	<	27	0-15	
		41.16	42.66	1.5	199326	<	<	9		
		42.66	44.16	1.5	199327	<	<	11		
		44.16	45.66	1.5	199328	<	<	6		
		45.66	47.16	1.5	199329	<	<	10		50-70
		47.16	48.66	1.5	199330	<	<	12		
		48.66	50.16	1.5	199331	<	<	4		

PAGE 3 OF 12 | PROJECT: FJV - LEARY | HOLE NO. LY97-6

DEPTH	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB	A	B	C	D	E	FRACTURE INTENSITY RQD	% VEIN QTZ.
45	101		40	46.9 FRACTURES WITH CA + PY							96	
				S∅ : 40								
	85			FRAC ‖ S∅ MICROFAULTS @ 10° ∪ PY STRINGERS.								
			65	FRAC'S @ 65							75	
50				S∅ : 65 GRAPHITIC ARGILLITE.								
	94			DOLOMITIC SST. DOL + CA VEINS @ 25° 10cm MICROFAULT IN SST. WITH PYRITE (0.5%)							64	
				FRAC'S ∪ DOL @ 5-10° (TENSIONAL)								
55	93			REFRACTION OF STRAIN ALONG MICROFAULTS - i.e. GRAPHITE TAKES UP STRAIN; VS. SST)							87	
	103			50.00 - 51.40 m ↑ % GRAPHITE.								
				51.40 - 51.90 DEBRIS HORIZON EXAGGERATED BY STRAIN FOCUSSED INTO GRAPHITE VS. SST.							82	
				(51.40 to 53.60 → DOLOMITIC SST'S)							61	
60	75			53.60 - 81.40 VERY GRAPHITIC SUCCESSION (MOST DOMINATED)							47	
	85			FINER SST AS DISCRETE LAM'S MM (OR LESS) ALT NO. WITH GRAPHITIC MDST. (DISTAL FACIES)							75	
	86			DOLOMITE ± MINOR CA. IN VEINS 1-2mm TO 1cm THICK.							97	
70	132										79	
	92										82	
75	97			N.B. THE CORE CONSISTS OF VARYING RELATIVE PERCENTAGES OF ARG/SST.							85	
			65	S∅ - 65								
	102			VEINS of DOL/CA ‖ S∅ 90.17 STRONGLY PY ALT'D ~ 15% PY BLEBS + VEINS WITH CB. 82.00 - 89.9							113	
80				NOTE: LITH. BREAKS ARE ARBITRARY								
				81.40 - 84.50 SST - DOM. SUCCESSION (AS BEFORE).								
	116			84.50 - 85.15 ARGILLACEOUS							99	
				S. PYRITE 85.15 - 89.60 SST./ARGILLITE ~ 1:1.								
85	96			8820 - 88.70 FAULT IN GRAPHITE							90	
	88			89.60							95	
110				88.5. FAULT.								
	104										84	
90											95	

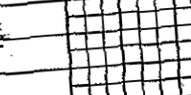
PAGE 4 OF 12 | PROJECT: FJV - LEARY | HOLE NO. LY97-6

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	MAG. SUSC. $\times 10^{-5}$ SI UNITS	SCINT (CPS)
		55.68	57.18	1.5	199332	<	<	89	0-30	50-80
		58.85	60.35	1.5	199333	<	<	34	0-30	
		64.29	65.79	1.5	199334	30	<	15	0-50	
		66.14	67.64	1.5	199335	<	<	8		
		71.92	73.42	1.5	199336	<	<	24	0-50	
		76.00	77.50	1.5	199337	<	<	71	0-70	
		77.50	76.00	1.5	199338	<	<	53		
		81.55	83.05	1.5	199339	<	<	17	0-100	
		83.05	84.55	1.5	199340	<	<	19	0-100	
STRONG PY 12-15% WITH CALCITE & DOL + SIL.										
		86.08	87.58	1.5	199341	25	<	91	0-30	
→		NEWMONT STD.			BO2-33	450	1.6	134	0-100	
		92.95	94.45	1.5	199343	<	<	32		

PAGE 5 OF 12

PROJECT: FJV - LEARY

HOLE NO. LY97-6

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE RQD / INTENSITY	% VEIN QTZ.
90				88.7 - 94.95 SST DOM. SUCCESSION. VERY CONVOLUTE IN GRAPHITIC ARGILLITE SUCCESSIONS							
	97		$S_\phi \approx 45$	UNITS WITH S. GRAPHITE HAVE BEEN INTENSELY							
			$S_1 \parallel S_\phi$	DUCTILELY DEFORMED. PASS. SYNSED.**							
95	96		MOSTLY SHALY	SST'S. SLIGHTLY DOLOMITIC.							
			ROUNDED BLEDDED SST CLASTS.	** MANY "INTACT" SST'S DO NOT APPEAR TO BE SHEARED. DEWATERING FEATURES IN SST APPEAR TO BE RELATED TO SHEAR FABRIC WHICH IS $\parallel S_\phi$.							
	97		50	$S_\phi = 50$							
100	59			94.95 -							
	57		102.4 FAULT	VERY GRAPHITIC SECTION, LOCAL STRONG SHEARS AND FAULTS.							
	93			(AS PREV.) ↓							
105			35	$S_\phi = 35$							
	93										
110	106		30	$S_\phi = 30$							
	109										
115	97			117.8 - CRACKLE ZONE; BRX ZONE "PIPE" 							
	93			119.2 py/cpy BLEB IN CA.							
120											
	102		45	$S_\phi = 45$							
125	91										
	113			129.7 STRONGLY CONVOLUTE SST; DEWATERING + SLIDE FABRICS; SYNSED. MOSTLY.							
130				INDIVIDUAL SST. BEDS ARE CRACKLED AND							
	95			FRAGMENTED IN SITU.							
	92										
135											

PAGE 6 OF 12 | PROJECT: FJV - LEARY | HOLE NO. LY97-6

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	MAG. SUSC. X 10^{-5} SI UNITS	SCINT (CPS)
										60-90
		97.20	98.70	1.5	199344	<	<	155		
		98.70	100.20	1.5	199345	<	<	353		
		105.83	107.33	1.5	199346	<	<	98	0-100	
		110.09	111.59	1.5	199347	<	<	93		
		113.94	115.44	1.5	199348	<	<	129		
SAMPLES W CPY BLEB. IN/ CA →		118.42	119.92	1.5	199349	<	<	193		
		122.44	123.94	1.5	199350	<	<	38		
		126.51	128.01	1.5	199351	<	<	40		
		129.29	130.79	1.5	199352	<	<	56		
		132.28	133.78	1.5	199353	<	<	7	0-200	
		138.38	139.88	1.5	199354	<	<	6	0-40	
		143.40	144.90	1.5	199355	<	<	7		
		144.90	146.40	1.5	199356	<	<	25		

PAGE 7 OF 12 | PROJECT: FJV - LEARY | HOLE NO. LY97-6

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE FREQ/10 INTENSITY	% VEIN QTZ.
135	91									72	
				138.20 FOLD; TIGHT							
140	115			~133 SANDIER SECTION; MORE & THICKER SST. INTERBEDS; TURBIDITES (ABCE) & MICROTURBIDITES.						112	
	95			Sφ = 50							
				142.65 FOLD NOSE.						92	
145	98			Sφ = 40							
				FOLDS APPEAR TO BE ASYMMETRIC WITH STEEPER DIP φ's ON THE UPPER LIMB.						92	
	83			Sφ = 50						66	
150				Sφ = 30							
	116			Sφ = 45						89	
	98			Sφ = 40						99	
				Sφ = 30							
155	90			Sφ = 45						70	
	101			SAME LITHOLOGY AS PREV.						62	
	95			N.B. MANY HIGHLY GRAPHITIC INTERBEDS SHOW EVIDENCE OF DUCTILE & BRITTLE SHEAR						90	
160											
	99			157.42 CA IN CRACKLES.						77	
				Sφ = 40							
165	100			165 FOLD NOSE.; OPEN.							
				Sφ = 30						78	
	100			166.2 FOLD AXIS						86	
				Sφ = 50 PARTIALLY DETACHED							
170				Sφ = 70 FROM STRATA (BRX							
	94			CONVOLUTE ZONE ~ SYNSED FOLDS + BRX.						90	
				Sφ = 15							
	97			174.5 MINOR FOLD NOSE(S) "S" OR "Z" FOLD (SUCCESSION NOT CLEARLY						82	
175				Sφ = 5-10° GRADED; NO TOPPING DIR. ∴ CAN'T TELL S OR Z).							
	97			Sφ = 15°						81	
180											

PAGE 8 OF 12 | PROJECT: FJV - LEARY | HOLE NO. LY97-6

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	MAG. SUSC. $\times 10^{-5}$ SI UNITS	SCINT (CPS)
									0-40	60-80
										↓
										50-80
		149.30	150.80	1.5	199357	<	<	5		
									↓	
									60-200	
		157.02	158.52	1.5	199358	<	<	4		
		164.02	165.52	1.5	199359	<	<	8	↓	
									50-70	
									↓	
									0-60	
		168.15	169.65	1.5	199360	<	<	8		
		169.65	171.15	1.5	199361	<	<	4		
										↓
										50-80
		173.85	175.35	1.5	199362	<	<	4		
									↓	↓
		180.71	182.21	1.5	199363	<	<	6		

PAGE 9 OF 12 | PROJECT: FJV - LEARY | HOLE NO. LY97-6

TH	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	% RQD FRACTURE INTENSITY	% VEIN QTZ.
180				Sφ = 0-5°							
				181.2 BROAD FOLD NOSE.							
	120			Sφ = 40°							
				183.							
185				65-70 BRY Y. SYNSED. EFFECTS., ARGILLACEOUS BED.							
	73			5° DOL 65cm. 187.2 CA-DOL VEINS/STRINGERS. 2-4mm.							
	87										
89				- CONTINUED SAME LITHOLOGY -							
190				Sφ = 75							
	97										
	101										
195											
	97			THICKER, MASSIVE SET. OVERALL, SAME LITH.							
				Sφ = 65							
200	101			Sφ = 80							
	81										
205											
	94										
				RARE, MM's THICK CA + DOL. STRINGERS.							
	101			SI. DOL./CB. INT^{N} (V. OLIVE) IN VAR. SST HORIZONS.							
210											
	100										
				Sφ = 50 215.9 FOLD							
215	88			Sφ = 45 217. MINOR FOLD NOSE.							
				Sφ = 75							
	97										
				Sφ = 30°							
220	100			221.00 FOLD NOSE.							
				Sφ = 40 MINOR KINKS;							
	93										
				Sφ = 65-70							
225											

PAGE 10 OF 12 | PROJECT: FJV - LEARY | HOLE NO. LY97-6

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	MAG. Susc. x10^{-3} SI UNITS	SCINT (CPS)
		185.14	186.66	1.5	199364	<	<	16	0-60	50-80
		188.70	190.20	1.5	199365	<	<	6		
		191.90	193.40	1.5	199366	<	<	8		
		195.95	197.45	1.5	199367	<	<	8		
				2						
		199.03	200.53	1.5	199368	<	<	5		
					199400					
		204.58	206.08	1.5	199369	<	<	8		
		206.08	207.58	1.5	199370	<	<	5		
		211.23	212.73	1.5	199371	<	<	7		
		214.42	215.92	1.5	199372	<	<	13		
		219.70	220.20	1.5	199373	<	<	6		
		223.01	224.57	1.5	199374	<	<	16		
		227.14	228.64	1.5	199375	<	<	3		
		231.58	233.08	1.5	199376	<	<	25		

PAGE 11 OF 12 | PROJECT: FJV - LEARY | HOLE NO. LY97-6.

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB. A	B	C	D	E	FRACTURE INTENSITY RQD	% VEIN QTZ.
225											
	94			225. FAULT (MINOR)							
				225.9 BRX. START ↑ DOL. IN SST.						84	
				↳ REL TO MINOR/PARASITIC FOLDS & KINKS.							
230	99			229.11 MINOR FOLD. AXIAL PLANE @ 85-90°	X						
				↑ % GRAPHITE TO E.O.H. (MORE ARGILLACEOUS)	X	X	X			79	
				230.7 - 239. ≈ BRX (SYNSED? - NOT TRUE CRACKLE)	X						
	99				X					87	
235				234.5 BASE OF GRADED SST. → LOAD/DEWATERING	X						
	101			Sφ = 40 FLAMES (RIGHT-WAY UP FOR THIS SIDE ("UP-CORE SIDE") OF THE LAST FOLD NOSE.	X					92	
	94			238.45 MINOR FOLD NOSE.							
240				Sφ = 40 CALCITE VEINLETS & STRINGERS 0.5-1%						70	
	105			SP/A VEINS 0.1 - 0.5 cm THICK., IN CRACKED SSTS.							
149				- PHYLLITE; SLATTY CLEAVAGE ∥ Sφ.						84	
				Sφ = 25-30							
	81			VEIN @ 90° 243.34 - 243.54 X-CUTTING CA VEIN. (BARREN) +DOL.	X	X	X			123	
245										41	
130				Sφ = 30°						59	
	91										
				247.7 - 247.8 X-CUTTING CA VEIN @ 45° + DOL + 90° TO Sφ.						62	
250											
	100			Sφ = 30 LOCALLY, DOL. SST BANDS + X-CUTTING STRINGERS.						96	
	90										
255										66	
E.O.H.				255.42 E.O.H.							
260											

PAGE 12 OF 12 | PROJECT: FIV - LEARY | HOLE NO. LY97-6

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm		MAG. SUSC. X/10-5 SI UNITS	SCINT (CPS)
										0-50	50-8
		235.41	236.91	1.5	199377	<	<	5			
		239.68	241.18	1.5	199378	<	<	6			
		243.61	245.11	1.5	199379	<	<	4			60-10
		246.98	248.48	1.5	199380	<	<	4			
										0-100	
											60-90
		252.37	253.87	1.5	199381	<	<	6			
255.42 E.O.H.											

N2/E2

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: LEARY – FAIRCHILD	GROUND ELEV.: 685
HOLE NO.: LY97-10	BEARING: N/A
LOCATION: CLAIM# AUKS 20 UTM: 7,188,530N 562,945E Grid: 7700N 2340E	DIP: -90° (vert)
	TOTAL LENGTH: 453.85m
LOGGED BY: STEVE ROWINS	HORIZONTAL PROJECT: N/A
DATE: JUNE 15, 1997	VERTICAL PROJECT: 453.85m
CONTRACTOR: FALCON DRILLING LTD	ALTERATION SCALE: 0 1 2 3 — absent; slight; moderate; intense
CORE SIZE: NTW	
DATE STARTED: JUNE 12, 1997	TOTAL SULPHIDE SCALE: 0 1 2 3 4 — traces only; < 1%; 1% – 3%; 3% – 10%; > 10%
DATE COMPLETED: JUNE 25, 1997	
DIP TESTS: -86° @ 152.5m -89° @ 307.14m -88° @ 453.83m	

COMMENTS

THIS HOLE WAS DRILLED TO TEST THE CONTACT BETWEEN Bht (to THE EAST) AND DOLOMITIC SST/SLST (to the West). DRILLHOLES COLLARED TO THE EAST (LY97-2) AND TO THE WEST (LY97-6) INTERSECTED Bht AND SST/SLST RESPECTIVELY. THE HOLE IS ALSO CENTRED OVER A VERY LARGE + STRONG MAG HIGH, ESTIMATED BY NEWMONT GEOPHYSICISTS TO LIE ~400-450m BELOW SURFACE. THIS HOLE DID INDEED PENETRATE THE CONTACT BETWEEN Bht + SST, AND THE TOP 382m OF CORE IS A SERIES OF ALTERNATING Bht'S AND CRACKLED SST/SLST (Bho's). SIGNIFICANT Native Cu + CPY WAS PRESENT OVER ~40m (90.2-131m) IN Bho (Crackled SST) AND MINOR Bht. CPY WAS PRESENT WITH CARBONATE IN VEINS AND AS FRACTURE INFILL IN MANY SECTIONS. MAGNETIC DIORITE WAS INTERSECTED AT 382m AND OCCURRED WITH LESSER Bht TO E.O.H @ 453.85. PYRITE WAS DISSEMINATED THROUGHOUT THE DIORITE BUT CPY MINERALIZATION WAS WEAK. THE DIORITE IS THE SOURCE OF THE MAG HIGH ANOMALY. SOME ZONES OF DIORITE ARE STRONGLY ALTERED TO SERICITE-QUARTZ ± CARBONATE RESEMBLING "PHYLLIC" ALT'N IN PORPHYRY COPPER SYSTEMS. PHYLLIC ALT'N ALSO ASSOC. WITH QUARTZ-CARB VEINS IN DIORITE. ALTHOUGH THE HOLE FAILED TO INTERSECT ECONOMIC CPY MINERALIZATION, IT DID HIT THE Bht/SST CONTACT AND EXPLAINED THE MAG ANOMALY.

LEGEND

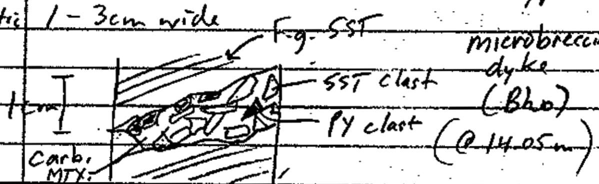
RQD = ROCK QUALITY DESCRIPTION
SST = SANDSTONE
SLST = SILTSTONE
ALB = ALBITE
QTZ = QUARTZ
CARB = CARBONATE
CAL = CALCITE
ANK = ANKERITE
SER = SERICITE
MAG = MAGNETITE
HEM = HEMATITE
Lim = LIMONITE
SX = SULPHIDE
RX = ROCK
DOL = DOLOMITE
KSPAR = K-FELDSPAR
fg. = fine grained
vn = vein
vns = veins
TCA = TO-CORE-AXIS
MTX = MATRIX
Bx = BRECCIA
Bho = HOMOLITHIC BRECCIA
Bht = HETEROLITHIC BRECCIA
OVB = OVERBURDEN
HS = SPECULAR HEMATITE
FX = FRACTURE
PY = PYRITE
CPY = CHALCOPYRITE
MAL = MALACHITE
DIO = DIORITE
Lam = Laminated
blk = black
dk = dark
Str. = strong
wk = weak
Tr = trace
SCAP = Scapolite
Chl = chlorite

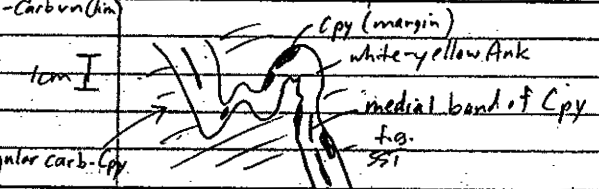
 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-10

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION: ALB A	CARB (CAL+ANK) B	CHL C	QTZ D	HEM E	RQD (FRACTURE INTENSITY)	Lim (% VEIN QTZ)	MAG

*0 – 3.05m CASING IN OVERBURDEN

*3.05 – 22.95m Med. grey, well-laminated, f.g. SST (SLST) w abundant "crackle zones" + thin (1mm-15mm wide) vns of carbonate ± Cpy ± Py. Fx's filled w carb ± Cpy ± Py. Alt'n to yellow-brown Limonite affects many of the carb-Sx vns. Some rare hair-line Fx's filled w pure Cpy-Py. Cpy typ. occurs as diss. around Sx-bearing vns + Fx's. In zones of extensive limonite alt'n, the Rx becomes friable & rubbly. Some vein-breccias or microbreccias (Bho) w carb MTX + SST clasts. Structures typ. 1 – 3cm wide





*25.95 – 26.45m "Fault Zone". Grey SST w v. intence limonitic + chloritic alteration. Numerous brown Lim vns (after Py) + Carb infill in Fx's.

*26.45 – 90.20m Maroon-coloured BLt w extensive hematitic + carbonate alt'n. Typ. MTX supported w a wide variety of clast-types and sizes. Common clasts include laminated SST (grey), purple hematized SST, blk SLST, + brown limonitized Rx. Clast size ranges from <1mm to 15cm. MTX dominantly carb (Ank) + Hem. In places rhombs of Ank are diss. in MTX. Late, white-yellow carb vns cut both MTX + clasts. ∴ final stage of carb alt'n post-dates Bx event. Patches of green-yellow-red alt'n are likely chl-alb-scap-hem alt'n. Small zones of Bho w fx's filled w white Ank + Silvery HS.

Depth (m): 5, 10, 15, 20, 25, 30, 35, 40, 45

% Core Rec: 93, 97, 100, 99, 95, 87, 102, 99, 90, 93, 102, 99, 98, 98, 83, 115

Lithology: f.g. Lam. SST (SLST); (Bho); BLt; (Bho)

Structure notes: rubbled core; Carb-Py-Lim vn (1cm) 23; very str. crackle; v. str. Lim alt'n; So; So 62; Dol-Ank vn (4mm) 69; microbx (Bho) (Py-SST clast); Py in styloltic surfaces 78; Blk Lim stringers; Py-Carb vn (1cm) 75 So; 72; irregular carb-Cpy vn; FAULT ZONE; 29.3 – 31.55m zone of patchy Chl-Alb-Scap-Lim-hemalt'n.; HS-Py vn/alt'n front. 43; Carb vn. 28; crackled zone of SST?; Tcmwrde Ank-Qtz vn. 20

RQD (Fracture intensity): 58 (24); 70 (26); 112 (37); 246 (81); 242 (80); 0; 264 (87); 148 (49); 189 (62); 221 (72); 279 (91); 290 (95); 275 (90); 264 (87); 149 (81); 127 (104)

PAGE 2 OF 22 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	MAG SUSC X10-5 SI UNITS	SCINT (CPS)
Py + Cpy in vns and Fy's w carb.		3.05	4.55	1.5	N200001	<	<	8	10-20	60-10
Some diss. Cpy + Py peripheral		4.55	6.05	1.5	N200002	<	<	48		
to Fy's + vns. Sx may comprise										
up to 80-90% vol. of vn, but more		6.05	7.55	1.5	N200003	<	<	11		
typ. ranges between 5-20 vol. %		7.55	9.05	1.5	N200004	<	<	61		
In "banded" vns, layers of Py+Cpy										70-160
occur along margins and		9.05	10.55	1.5	N200005	<	<	42		200-25
		10.55	12.05	1.5	N200006	<	<	85		
		12.05	13.55	1.5	N200007	<	<	15	10-15	60-20
		13.55	15.05	1.5	N200008	<	<	26		
Py clasts (<1cm long) in microbx. (BL.)		15.05	16.55	1.5	N200009	<	<	40		
Film of Py along stylolitic surface.										
		16.55	18.05	1.5	N200010	<	<	315		60-100
		18.05	19.55	1.5	N200011	<	<	401		60-30
		19.55	21.05	1.5	N200012	<	<	159		
		21.05	22.55	1.5	N200013	<	<	194		50-80
		22.55	24.05	1.5	N200014	<	<	224		
Cpy in laminated Ank.-Cpy vn.		24.05	25.55	1.5	N200015	<	<	715	10-30	
Cpy along vn. margins and in medial		25.55	27.05	1.5	N200016	<	<	718		
band in vein core										
		27.05	28.55	1.5	N200017	<	<	11		70-15
		28.55	30.05	1.5	N200018	<	<	17		
		30.05	31.55	1.5	N200019	<	<	16		
		31.55	33.05	1.5	N200020	15	1.2	108		
Py-HS vn at top front (1-5mm wide)										
in Bkt. Py ~ 5% vol. of vn.		33.05	34.55	1.5	N200021	<	<	11		60-90
		34.55	36.05	1.5	N200022	<	<	8		
		36.05	37.55	1.5	N200023	<	<	4		
		37.55	39.05	1.5	N200024	<	<	3		
		39.05	40.55	1.5	N200025	<	<	5		
		40.55	42.05	1.5	N200026	<	<	10		
		42.05	43.55	1.5	N200027	<	<	2	10-25	
		43.55	45.05	1.5	N200028	<	<	2		

PAGE 3 OF 22 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-10

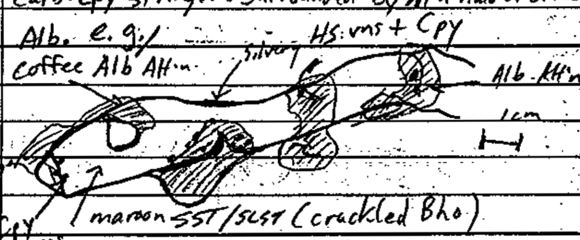
DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A ALB	B CARB (DOL ANK)	C CHL	D QTZ	E HEM	FRACTURE INTENSITY	% VEIN QTZ	MAG
50	102	Bht	45.7-46.0 cave	Maroon Bht like above 50m. Minor Bho. Alb-chl-Scap alt'n less abundant over next 15m. Ank. commonly stained to med. dk brown via late-stage weathering						62 (102)		
	101											
	92		Ank vn. (8mm wide) 21							130 (85)		
	100									305 (100)		
55	86									259 (83)		
	106		Ank vn/vn bx. 37							294 (106)		
	109		58.25 m Patch of HS needles in carb mtx.							282 (103)		
60	101		Ank vn (5mm wide) 61	Carbonate-HS vns not v. abundant in this zone. Dominated by carb-HS in mtx + Fx's						305 (97)		
65	87									241 (79)		
	100									305 (100)		
70			Pale pink-green Alb-Scap-Chl alt'n	69.5-72.5 m Mottle pink-green-yellow patches of intense Alb-Scap-Chl-carb. alt'n w diss. grains of Cpy + Py. The Sx is late, + assoc. w minor HS, + probably carb. Assoc w Alb-Scap-Chl not as direct?								
	99		Alb-Scap-Chl-Carb alt'n Some Py-Cpy							305 (100)		
75	100	Bht	Carb vn bx's							298 (98)		
			Ank-HS vn (1cm wide) 52									
	100		Ank-HS vn (5mm) 50	Late carb-HS vns cut both clasts + mtx of Bx. Some are carb. vn. bx's ~ 1-3 cm wide						283 (93)		
80	100									226 (74)		
85	101									278 (91)		
	102									268 (88)		
90	91		Ank vn (7mm wide) 27							201 (73)		

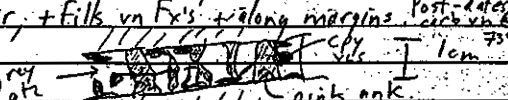
PAGE 4 OF 22 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	MAG SUSC X10-5 SI UNITS	SCINT (CPS)
		45.05	46.55	1.5	N200029	<	<	4	10-25	60-90
No Sx		46.55	48.05	1.5	N200030	<	<	3		
		48.05	49.55	1.5	N200031	<	<	10		
		49.55	51.05	1.5	N200032	<	<	6		
		51.05	52.55	1.5	N200033	<	<	2		
		52.55	54.05	1.5	N200034	<	<	2		
		54.05	55.55	1.5	N200035	<	<	2		
REFERENCE STANDARD N200036 (SAP 17)					N200036	295	<	33		
		55.55	57.05	1.5	N200037	10	<	2		
		57.05	58.55	1.5	N200038	<	<	2		
		58.55	60.05	1.5	N200039	<	<	1		
		60.05	61.55	1.5	N200040	<	<	1		
		61.55	63.05	1.5	N200041	<	<	2		
		63.05	64.55	1.5	N200042	<	<	1		
		64.55	66.05	1.5	N200043	<	<	1		
		66.05	67.55	1.5	N200044	<	<	3		
		67.55	69.05	1.5	N200045	<	<	4		
		69.05	70.55	1.5	N200046	<	<	4		
Cpy+Py diss. in mottled zone of Alb-Scap-Chl-Carb-HS alt'n, Sx ≈ 1% of alt'n assemblage. Carb-HS most closely assoc. w Sx's.		70.55	72.05	1.5	N200047	<	<	48		
		72.05	73.55	1.5	N200048	<	<	10	10-30	70-90
		73.55	75.05	1.5	N200049	<	<	7		
		75.05	76.55	1.5	N200050	<	<	8		
		76.55	78.05	1.5	N200051	<	<	11		
		78.05	79.55	1.5	N200052	<	<	91		
		79.55	81.05	1.5	N200053	<	<	18		
		81.05	82.55	1.5	N200054	<	<	141		
		82.55	84.05	1.5	N200055	<	<	364		
		84.05	85.55	1.5	N200056	<	<	1490		
		85.55	87.05	1.5	N200057	<	<	54		
		87.05	88.55	1.5	N200058	<	<	36	(40-60)	
		88.55	90.05	1.5	N200059	<	<	25		60-90 (100)

 PROJECT: LEARY - FAIRCHILD HOLE NO. LY97-10

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION: ALB A	CARB (DOL + ANK) B	CHL C	QTZ D	HEM E	RQD / FRACTURE INTENSITY	LIM / VEIN QTZ	MAG
	97	Bho		* 90.2 - 127.10 m Deep purple-maroon Bho.						19 (33)		
		+		A f.g. well-bedded to laminated SST (SLST)						293		
	101	crackled SST (SLST)	So in Lam. SST	is v. str. crackled to produce Bho. Clasts						(96)		
				are uniformly SST, typ 5mm to 4cm across.								
95			51 Ank vn (4mm wide) w Cpy-Alb halo; 31	Bx is clast-supported, w a MTX of white								
	91		17 diss Cpy in MTX; Ank-Cpy vn (6mm)	carb. + silvery HS. Late carb ± HS + Cpy ±						272 (89)		
			So 49	Py cut the Bx. This is diff. from the B2t								
			Ank vn	above which has fewer carb vns, which are						241		
	103	(AVE)	47 Cpy w coffee Alb patches; So 45	barren. Cpy + lesser Py is also assoc. w the						(79)		
100				Carb-HS MTX in Bho.								
			13 Ank-Cpy ± Py vn (1cm wide)							305		
	104			→ 108 - 127.10 m Bho is well mineralized w						(100)		
			22 Ank-Cpy vn (1-2cm wide)	Cpy in vns + Fx's assoc. w carb-HS-Alb.								
			17 Ank-Cpy vn (2cm wide)	Some native Cu on Fx surfaces of broken						240		
105	90		Cpy-Alb halo around Carb-HS vn.	core. Clasts show only minor rotation;						(79)		
				Lim stains on many Fx surfaces (yellow-brown)								
			So							264		
	102		46 Cpy-Ank-HS in Fx's + MTX.							(87)		
110	89		Diss. Cpy							208 (68)		
			Native Cu + mal.	→ 115.60 m is a v. str. zone of Hem Bx w HS-						204		
	100			carb-Cpy stringers surrounded by alt'n halo of coffee						(67)		
115				Alb. e.g.								
			Native Cu + Cpy							140		
	98		Native Cu + Cpy; 71 Ank vn cuts							(51)		
			55 native Cu-HS stringer; Ank-Qtz-Cpy-HS vn							262		
120	97		21; 55 Carb vn x-cuts							(86)		
			HS-Cpy-Alb vns	117.29 m 1cm wide Ank-Qtz-Cpy-HS vn. Extension						258		
	99		Ank Cpy vn (2mm wide); 30	vn w xcs of carb + qtz ⊥ to vn margins. Cpy is						(85)		
				later, + fills vn Fx's + along margins. Post-dates carb vn								
	87		21									
125			42 Ank-Cpy vn (4mm wide)							285		
	99		Extreme Fe-enrichment zone	(pure HS)						(93)		
		MTX		* 127.10 - 130.85 m Maroon, MTX-Rich Bht								
	93	Bht		Rapid transition @ 127.10 to Bht where clasts						200		
			Bx dyke in Bht.	are small (<1mm to ~1cm) + MTX-supported. Vns +						(66)		
130			17 Ank-Cpy vn; Native Cu on Fx	Fx's of carb-Cpy-HS. Minor native Cu on Fx's.								
	99		Ank vn.	* 130.85 - 151.25 Grey-maroon, Str. foliated Bht						237		
		Bht		cut by vns of Ank + Cpy; MTX dominantly								
			Ank-Cpy vn. 42	HS + carb; Clasts consist of angular to rounded								
135			S1 defined by elongated clasts.	grey to red, SST, SLST + various alt'd Rx (some								
				f.g. scap-Alb, carbonated SLST).								





14 (45)

PAGE 6 OF 22 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	MAG. SUSC. X10-5 SI UNITS	SCINT (CPS)
Diss. Cpy in carb-HS mtx of Bio(tr)		90.05	91.55	1.5	N200060	<	<	117	10-30	60-90
Many carb vns have xns of Cpy ± Py.		91.55	93.05	1.5	N200061	<	<	105		
Rarely more than 1-5% vol. of vn.		93.05	94.55	1.5	N200062	<	<	7		
		94.55	96.05	1.5	N200063	30	<	20		
Diss Cpy in carb-HS mtx. Diss Cpy also preferentially assoc. w coffee-coloured Alb.		96.05	97.55	1.5	N200064	10	<	143		60-100
		97.55	99.05	1.5	N200065	<	<	598		
		99.05	100.55	1.5	N200066	<	<	346		
		100.55	102.05	1.5	N200067	<	<	28		
		102.05	103.55	1.5	N200068	<	<	152		
		103.55	105.05	1.5	N200069	<	<	176		
Cpy w Alb in halo around Carb-HS vn.		105.05	106.55	1.5	N200070	10	<	576		
		106.55	108.05	1.5	N200071	5	<	303		
Cpy abundant in thin carb vns w HS over next 20m		108.05	109.55	1.5	N200072	35	<	1095		
REFERENCE STANDARD N200073 (SAP 17)				STD	N200073	250	<	35		
		109.55	111.05	1.5	N200074	10	<	430		
		111.05	112.55	1.5	N200075	15	<	308		
		112.55	114.05	1.5	N200076	80	<	572		
Native Cu assoc w blk HS on fx surfaces										
Some green Mal. on Fx's too		114.05	115.55	1.5	N200077	25	<	1540		
Native Cu + Cpy in Fx's		115.55	117.05	1.5	N200078	85	<	443		
Native Cu + Cpy in stringers w HS + Ank.		117.05	118.55	1.5	N200079	20	<	2440		
Vns of Ank-Qtz-Cpy-HS cut earlier stringers of native Cu + HS.		118.55	120.05	1.5	N200080	<	<	1120		
		120.05	121.55	1.5	N200081	<	<	1765		
		121.55	123.05	1.5	N200082	<	<	1235		
		123.05	124.55	1.5	N200083	<	<	638		
		124.55	126.05	1.5	N200084	<	<	943	10-50	
		126.05	127.55	1.5	N200085	20	<	934		60-120
		127.55	129.05	1.5	N200086	50	<	1210	10-30	
		129.05	130.55	1.5	N200087	45	<	2030		
Native Cu on Fx's near Ank. Cpy vns		130.55	132.05	1.5	N200088	15	<	621		60-90
		132.05	133.55	1.5	N200089	<	<	481		
		133.55	135.05	1.5	N200090	5	<	85		

PAGE 7 OF 22 | PROJECT: LEARY- FAIRCHILD | HOLE NO. LY97-10

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION: ALB (Scap) A	CARB (DOL ANK) B	CHL C	QTZ D	HEM E	FRACTURE INTENSITY	% VEIN QTZ	MAG
	94			Clasts in Bht are deformed and elongated, defining S1.						276 (90)		
		Bht										
	94			Much less Cpy in these Rx. No native Cu.						172 (56)		
140			Alb-Scap altn	zones of green-grey alb-scap altn, but little Sx assoc. w/ Hem								
	99									286 (94)		
	101									164 (54)		
			Dist. Str. lin.	FAULT?? 144.1 – 149.0m Zone of "broken" core (Bht)								
145	49		altn on Fx's.	and Str. Lin altn (after Sx? or Fe-carb)								
	83			Rubbled core-						104 (43)		
	75									15 (5)		
			rubbled core									
150	73			* 151.35 – 153.8m Intensity of Hematitic altn decreases notably. Bhc is "crackled SST (SLST)" + grey colour. Patches of carb-HS-assoc. w/ white-yellow-green alb-Scap altn + Tr. Cpy.						58 (19)		
		Bhc (crackled SST)		Diss. Cpy								
	102									124 (40)		
155				* 153.8 – 185.35 Bht as above / Hematitic altn more patchy + less intense than above. Local zones of Bhc where crackled SST/SLST present. Fx's/mtx. consists of Ank-HS + rare tr. Sx.								
	90		friable + rubbled core							57 (19)		
	83	Bht								61 (20)		
160				160.8m – 164.5m rubble + clay alt'd core								
	73									0		
			Ank-Cpy-HS vn.	2.5cm long clast in Bht. Clast of pink-green Hem-Chl-HS-carb								
165	77									78 (26)		
			167.03 – .5m CAVE									
	72		Ank vn (6mm wide)							23 (8)		
170												
	90		Ank vn. (1cm wide)	Some large clasts in Bht are bright red + Str. Hematized						12 (4)		
			172.51 – 173.7m CAVE									
	65									24 (8)		
175												
	100		Bleb of Cpy							78 (26)		
	89		Chl-Alb-Scap-Hem-Carb-Py ± Cpy altn	177.05 – 179.05m Zone of lime-green to pink altn. Mainly Chl-Alb (Scap)-Hem-carb altn. Abundant Py xcs in green patches; frags. of grey qtz wrapped by Chl mtx.						32 (12)		
180												

PAGE 8 OF 22 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	MAG SUSC X10⁻⁵ SI UNITS	SCINT (CPS)
		135.05	136.55	1.5	N200091	<5	<	18	10-30	60-90
		136.55	138.05	1.5	N200092	<5	<	28		
Tr. Cpy over next 20m										
		138.05	139.55	1.5	N200093	<5	<	26		
		139.55	141.05	1.5	N200094	15	<	110		
				m-0						
		141.05	142.55	1.5	N200095	25	<	24		
		142.55	144.05	1.5	N200096	20	<	177		
										60-100
		144.05	145.55	1.5	N200097	10	<	1060		
		145.55	147.05	1.5	N200098	15	<	214		
		147.05	148.55	1.5	N200099	<	<	14		
		148.55	150.05	1.5	N200100	<	<	50		
										60-90
Diss. grains of Cpy in rubbled core		150.05	151.55	1.5	N200101	10	<	689		
Tr. Cpy in carb-HS patches assoc. w Alb-Scap alt'n.		151.55	153.05	1.5	N200102	<	<	46		
		153.05	154.55	1.5	N200103	30	<	80		
		154.55	156.05	1.5	N200104	10	<	61		
		156.05	157.55	1.5	N200105	10	<	40		
		157.55	159.05	1.5	N200106	20	<	22		
										70-100
		159.05	160.55	1.5	N200107	10	<	7		
REFERENCE STANDARD SAP 17 (N200108)					N200108	255	<	34		
		160.55	162.05	1.5	N200109	5	<	23		
Minor Cpy in thin Ank-HS vn.		162.05	163.55	1.5	N200110	<	<	94		
		163.55	165.05	1.5	N200111	15	<	58		
		165.05	166.55	1.5	N200112	10	<	27		
		166.55	168.05	1.5	N200113	5	<	48		
		168.05	169.55	1.5	N200114	10	<	102		
		169.55	171.05	1.5	N200115	<	<	8		
										60-90
		171.05	172.55	1.5	N200116	10	<	5		
		172.55	174.05	1.5	N200117	<	3.8	36		
									0-40	70-90
		174.05	175.55	1.5	N200118	20	<	570		
		175.55	177.05	1.5	N200119	35	<	39		
Bleb of Cpy										
		177.05	178.55	1.5	N200120	40	<	530		70-110
		178.55	180.05	1.5	N200121	60	<	260		
		180.05	181.55	1.5	N200122	45	<	1130		70-90

PAGE 9 OF 22 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-10

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (ALB)	B (CARB (Dol, Ank))	C (CHL)	D (QTZ)	E (HEM)	RQD FRACTURE INTENSITY	% VEIN QTZ	MAG
				→ 179.05 – 180.5m Bht. between two zones of intense Chl-Alb-Scap-Carb alt'n w/ diss. Cpy.								
				→ 180.5 – 182m Intense Chl-Alb-Scap-Carb alt'n w/ diss Cpy; Sx typ. assoc. w/ carb.								
185				* 185.30 – 204.64m Grey-maroon coloured, F.g., laminated SST (SLST). Grades into Bho in places where "crackling" of SST is intense. Fx's filled w/ white carb ± HS ± CHL + Tr. Sx. Laminated vns of white carb ± HS ± CHL ± Sx are rare. "Dykes" or "pipes" of Bht cut the SST (Bho) and range from several cm to over 30 cm in width. These Bht dykes/pipes are similar in clast + MTX composition to Bht up-section.								
	92	Bht		Green Chl-Alb-Scap-carb alt'n						127 (41.9)		
	76									53 (17)		
	76	crackled SST (Bho)		Lam. Carb. vn.						11 (5)		
	89			rubbled core						Ø		
190	80			"crackling"						Ø		
	94			Carb vn.						65 (21)		
195	92			So?						81 (27)		
				So								
	94			Qtz-Dol-Cpy vn (15cm wide)						110 (36)		
200				Bht dyke + Cpy → 199.95 – 200.26m → Bht "dyke" cutting @ 44° TCA in crackled SST. Minor Cpy								
	94			Bht dyke + Cpy → 200.5 – 201.3m Bht "dyke" @ 61° TCA in crackled SST. Minor Cpy in carb-HS MTX						76 (25)		
				crackled								
205	88			broken core * 204.64 – 234.29 Maroon to bright red, hematitic Bht w/ numerous late Bht dykes cutting earlier Bx. Dykes typ. 1 – 20cm wide, w/ ± HS-rich MTX and ± Hem. Hematized clasts; clast-supported. All Bx's cut by thin vns (white) of Ank-Dol ± Cpy. Some diss Cpy						93 (31)		
		Bht										
	100			Ank-Cpy vn (1cm wide)						110 (36)		
210				Carb-sooty Py-HS vn (5mm wide)								
	98			Carb-Cpy vn. → 211.05 – 216.9m → Dol. rhombs (up to 1cm across) replc earlier Bx. Dol/Ank preferentially developed in carb-rich MTX						256 (134)		
				Ank-Cpy vn (3mm wide)								
	97			Dol. rhombs overprint Bx.						234 (79)		
215				diss. Cpy								
	100									140 (46)		
				Qtz is present in some Carb-HS ± Sx vns in the Bht.								
220	101			Ank-Cpy vn (1cm) → 220.8 – 221.3m Zone of intense Chl-Alb hem. alt'n.						206 (68)		
				Ank-Cpy Vn (6mm)								
	100			Ank-Qtz-Cpy vn						69		
				Dol. rhombs overprint Bx.								
225												

PAGE 10 OF 22. | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	MAG SUSC. X10⁻³ SI UNITS	SCINT (CPS)
Diss. Cpy assoc. w green zone of intense Chl-carb-Alb alt'n, ~12 vol. %		181.55	183.05	1.5	N200123	10	<	346	0-40	70-90
		183.05	184.55	1.5	N200124	<	<	18		60-90
		184.55	186.05	1.5	N200125	<	<	5		
		186.05	187.55	1.5	N200126	<	<	11		
Tr. Sx. in Fx's + vns.		187.55	189.05	1.5	N200127	15	<	9		
		189.05	190.55	1.5	N200128	5	<	8		
		190.55	192.05	1.5	N200129	<	<	42		70-100
		192.05	193.55	1.5	N200130	10	<	34		
		193.55	195.05	1.5	N200131	<	<	7		
		195.05	196.55	1.5	N200132	<	<	9		60-90
		196.55	198.05	1.5	N200133	<	<	17		
Large xls + clots of Cpy in 5cm wide Qtz-Carb vn. Cpy ~ 1-5% of vn. vol.		198.05	199.55	1.5	N200134	<	<	293		70-100
		199.55	201.05	1.5	N200135	5	<	74		
Tr. Cpy in mtx of Bbt dykes cutting crackled SST		201.05	202.55	1.5	N200136	30	<	34		
		202.55	204.05	1.5	N200137	<	<	22		
		204.05	205.55	1.5	N200138	<	<	29	10-200	
		205.55	207.05	1.5	N200139	15	<	95		
		207.05	208.55	1.5	N200140	10	<	212		
		208.55	210.05	1.5	N200141	<	<	232		
		210.05	211.55	1.5	N200142	<	<	209	10-60	
		211.55	213.05	1.5	N200143	<	<	206		
STANDARD REFERENCE SAMPLE MS2-06 (N200144)					N200144	150	<	98		
		213.05	214.55	1.5	N200145	<	<	314		70-110
		214.55	216.05	1.5	N200146	<	<	188	(200)	
		216.05	217.55	1.5	N200147	30	<	150	10-80	
		217.55	219.05	1.5	N200148	20	<	87		
		219.05	220.55	1.5	N200149	15	<	64		
		220.55	222.05	1.5	N200150	10	<	88		
		222.05	223.55	1.5	N200151	20	<	14		
		223.55	225.05	1.5	N200152	<	<	3		

PAGE 11 OF 22 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY17-10

Paragenesis @ 227m: (1) Hem alt'n (2) Bx event (3) ctclmm + dol-Ank rhomb Fm. (4) Carb - Sx vns. (5) Final carb alt'n + Fm. of carb. stringers

GEOLOGICAL DESCRIPTION

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION (contact mm, (porphyroblasts))	ALTERATION A ALB	B CARB (COL. ANK)	C CHL	D QTZ	E HEM	FRACTURE INTENSITY RQD %	VEIN QTZ CM/M	MAG
	91	Bht	33	Ank vn.	Dol-Ank rhombs throughout Bht; overprinted + cut by late vns of carb ± Sx. Patches of green ChL-Ser assoc. w carb-Alb in Fx's. Frags angular + poorly milled; clast-supported Bx. Note the Ank rhombs grow over clast-MTX contacts +/-; post-date the bx event						A/I (53)		
				Tr. Cpy in some carb vns.									
			20	Ank-Cpy vn. (Lam)									
	75		47	Diss. Py in Bx MTX Ank vn							73 (27)		
230			0	Abundant Red Hem.									
	98		33	Irregular Ank-Cpy vn + halo w diss. Cpy							55 (58)		
	94			diss. Cpy							102 (38)		
235			45	Ank-Qtz-Cpy vn (1cm wide)	* 234.29 - 248.70m Crackled, grey, f.g. SST (SLST) which locally grades to Bho. @ cntct get numerous vns of carb-Cpy. Py is diss. throughout f.g. SLST interbeds. Some coffee-colour Alb-Scap alt'n assoc. w Fx's (carb-Sx filled) in Rx.						109 (36)		
	87			diss Py + Cpy in SLST									
			35	Ank-Cpy vn.									
	99	Crackled F.g. SST (SLST) Local Bho			So (?)						246 (81)		
240			31	"crackled"									
	101		39	Alb-Scap alt'n around carb Stringers.							263 (86)		
			36										
	92		40	Ank vn (15mm wide)							173 (57)		
245													
	96		23	Ank-Qtz vn (8mm wide)							110 36		
					* 248.7 - 250.05 m Grey to maroon Bht. Not as hematite-rich as some Bht's in hole. Minor Alb-Scap Alt'n; Non-mag; Tr. Cpy in MTX. w carb-HS.								
250		Bht		Tr. Cpy									
	93	Crackled F.g. SST (SLST) Local Bho		Bho							149 (49)		
					* 250.05 - 276.76m Crackled grey, f.g., Lam. SST (SLST) Like above. Local development of Bho, esp. near contcts w Bht. Many thin veins + veinlets of white carb. ± HS ± Chl. V. rare Sx. Patches of coffee brown alb-scap assoc. w carb-HS ± Sx vns (halos) + Fx's								
	95		57	Ank-Chl vn w Cpy + Alb-Scap alt'n halo.							73 (24)		
255													
	92		69	Ank + HS ± chl vn (2mm wide)							80 (26)		
				"crackled"									
	90										36 (12)		
260													
	86			Broken core							124 (41)		
	89			Tr. of diss. Cpy							10 (3)		
	89				Rx dk grey to blk - more SLST than SST						70 (32)		
265				Ank-Cpy vn									
	99										184 (61)		
	97		53	Cpy + Ank in Fxs in crackled SST							203 (67)		
270													

PAGE 12 OF 22. | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	Ag ppm	Cu ppm	MAG susc X10-5 SI UNITS	SCINT (CPS)
									10-80	70-110
Tr. Cpy in carb ± HS vns		225.05	226.55	1.5	N200153	<	<	9	↓	↓
		226.55	228.05	1.5	N200154	<	<	10	0-40	
Cpy in Ank vn. (~1% vn. vol.). Diss. Py in carb-HS MTX		228.05	229.55	1.5	N200155	<	<	32	↓	
		229.55	231.05	1.5	N200156	20	<	1335	(56)	
Cpy in Ank vn (10-15% vn. vol) + diss Cpy in halo surrounding vn.		231.05	232.55	1.5	N200157	20	<	600		
Also diss. Cpy in MTX of Bht.		232.55	234.05	1.5	N200158	35	<	308		
Numerous vns of carb-Cpy ± Qtz @ cntct btwn Bht/SST, vns host up to 15% vol. Sx. Abundant diss. Py + Cpy in f.g. SST/SLST. in the first 5m' below the cntct w Bht.		234.05	235.55	1.5	N200159	<	<	252		
		235.55	237.05	1.5	N200160	<	<	17		
		237.05	238.55	1.5	N200161	<	<	8		
		238.55	240.05	1.5	N200162	<	<	5		↓
		240.05	241.55	1.5	N200163	<	<	5		70-90
		241.55	243.05	1.5	N200164	<	<	3		
		243.05	244.55	1.5	N200165	<	<	8		
		244.55	246.05	1.5	N200166	<	<	8		
		246.05	247.55	1.5	N200167	<	<	4		
		247.55	249.05	1.5	N200168	<	<	10		
Tr. Cpy in Carb-HS MTX in Bht		249.05	250.55	1.5	N200169	<	<	49		
		250.55	252.05	1.5	N200170	<	<	1		
		252.05	253.55	1.5	N200171	<	<	16		↓
Cpy in Ank-Chl vn. w Alb-Scap-Cpy alt'n halo in SST		253.55	255.05	1.5	N200172	<	<	5		(60)
		255.05	256.55	1.5	N200173	<	<	1	↓	↓
		256.55	258.05	1.5	N200174	<	<	1	0-30	70-90
Rare Cpy-Py in fx's assoc. w Bht (SST) + carbonate.		258.05	259.55	1.5	N200175	<	<	<		(100)
		259.55	261.05	1.5	N200176	<	<	4		
		261.05	262.55	1.5	N200177	<	<	4		
		262.55	264.05	1.5	N200178	<	<	10		
Cpy in Ank vn in crackled SST		264.05	265.55	1.5	N200179	<	<	155		
		265.55	267.05	1.5	N200180	<	<	1035		
REFERENCE STANDARD MS2-06 (N200181)					N200181	135	<	105		↓
		267.05	268.55	1.5	N200182	<	<	830		70-100
		268.55	270.05	1.5	N200183	<	<	359		↓

 PROJECT: LEARY - FAIRCHILD HOLE NO. LY97-10

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION: ALB A	CARB (DOL ANK) B	CHL C	QTZ D	HEM E	RQD / FRACTURE INTENSITY	LIM % VEIN QTZ	MAG
	85	F.g SST			Rx dk blk SLST						93 (34)		
	81	(SLST)		Ank vn (1cm wide)							38 (42)		
		Local Bho	64	So									
275	97		45	Carb-Chl vn.							158 (52)		
			30										
	97	Grey Bht		Intense Alb-Scap Alt'n	* 276.76 - 294.60m. Grey Bht. Not as hematitized as some Bht above + below. Rare vns. of white Ank-Cpy. Many sections are $\bar{c}$ str. alt'd to green-grey-white Alb-Scap + Chl-Carb. This alt'n does not appear to correlate $\bar{c}$ higher Sx contents. Late carb vns + alt'n brecciate Alb-Scap alt'd Rx.						163 (53)		
280	93		28	Lam carb vn. (1cm wide) coffee-alb alt'n on Fx's.							205 (67)		
	98										192 (63)		
285			F5	Ank-Qtz-Cpy vn									
	92										83 (27)		
290	93			Fx'd (Bho) Alb-Scap alt'n $\bar{c}$ Fx's filled $\bar{c}$ carb + HS.	→ 289.30 - 292.4m $\bar{c}$ Str. Alb-Scap. alt'n. Actually an "Alb-Scap Bho"; earlier green-grey Alb-Scap alt'n is crackled + Bx $\bar{c}$ Fx's filled by white carb + HS.						165 (54)		
	107		F6	Ank-Qtz-Cpy vn (3mm wide)							252 (92)		
295	98	Red Bht		diss Py + Cpy in MTX	* 294.60 - 315.55 m. Contact between Grey Bht above and red, Str. Hematized Bht below. Ank + Cpy ± Py vns common + Py occurs as diss. in Bht MTX $\bar{c}$ carb + HS. Alb-Scap alt'n much less than in grey Bht above						290 (95)		
	98		38	Ank-cpy vn (3mm wide) + diss Py							204 (67)		
300				diss Py + Cpy in MTX									
	97			Ank vn 1cm							211 (70)		
			17										
305	97		33 / 18	Ank-Qtz-Cpy-Py vn. Some diss Cpy + Py in Halo. Ank-Cpy vns.	Diss. Py + lesser Cpy throughout Bht, esp. concentrated in carb-HS MTX.						253 (83)		
	100		31 / 18	diss. Py in MTX. Ank-Qtz-Py vn (2mm). Ank-Qtz-Cpy vn (3mm)							210 (69)		
310	97		18	311.10m clot of Ank-Cpy-Py. Ank vn (1cm wide)							196 (64)		
315 / 315.55	93		26	Lam. Carb-Qtz-Cpy-Py-Chl vn (1cm wide)							175 (64)		

PAGE 14 OF 22 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	HAG SUSC X10-5 SI UNITS	SCINT (CPS)
		270.05	271.55	1.5	N200184	<	<	9	0-30	70-100
		271.55	273.05	1.5	N200185	<	<	10		
		273.05	274.55	1.5	N200186	<	<	190		
		274.55	276.05	1.5	N200187	<	<	20		
		276.05	277.55	1.5	N200188	<	<	12		
		277.55	279.05	1.5	N200189	<	<	88		
		279.05	280.55	1.5	N200190	35	<	64		
		280.55	282.05	1.5	N200191	<	<	509		
		282.05	283.55	1.5	N200192	<	<	249		
		283.55	285.05	1.5	N200193	<	<	58		60-100
Tr. Cpy in carb-Qtz vn		285.05	286.55	1.5	N200194	<	<	98		
		286.55	288.05	1.5	N200195	<	<	117		
		288.05	289.55	1.5	N200196	<	<	183		
		289.55	291.05	1.5	N200197	10	<	95		70-100
		291.05	292.55	1.5	N200198	15	<	136		
		292.55	294.05	1.5	N200199	10	<	169	0-60	
Tr. Cpy in Ank-Qtz vn.		294.05	295.55	1.5	N200200	<	<	167		
* Diss. Cpy + Py in MTX (carb-HS-Chl) of Blt. Never more than Tr. amounts.		295.55	297.05	1.5	N200201	<	<	49	0-80 (300)	80-110
OCCURS IN Blt sequence to 315.55m		297.05	298.55	1.5	N200202	20	<	64		
Cpy in Carb vn; Py diss. in MTX (alt'n halo)		298.55	300.05	1.5	N200203	15	<	808		
		300.05	301.55	1.5	N200204	<	<	61		
* Diss. Cpy + Py		301.55	303.05	1.5	N200205	<	<	3		80-130
		303.05	304.55	1.5	N200206	10	<	16		
Cpy in Carb-Qtz vns; Minor Py + Cpy in		304.55	306.05	1.5	N200207	10	<	202	0-300	
halos surrounding vns.		306.05	307.55	1.5	N200208	10	<	31		
		307.55	309.05	1.5	N200209	15	<	72	0-500	
Py in Carb-Qtz vn. (<5% vol.)										
Cpy in Carb-Qtz vn (<5% vol)		309.05	310.55	1.5	N200210	10	<	148	0-400	
		310.55	312.05	1.5	N200211	15	<	139		80-100
5cm clot of Ank + Cpy + Py (5x~ 10% of clot)										
		312.05	313.55	1.5	N200212	15	<	467		
Cpy + Py in Lam. Carb-Qtz-Chl vn.		313.55	315.05	1.5	N200213	10	<	433	0-40	

 PROJECT: LEARY - FAIRCHILD HOLE NO. LY97-10

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION
Red	Bht	Upper Bx cntct @ 20° TCA	*	315.55 - 316.93 m Grey Bht. Intrusive cntct w Red Bht above, and crackled grey SST (SLST) below. Same as grey Bht @ 276.36 - 294.60m
	94	Grey Bht		
		Lower Bx cntct @ 24° TCA		
		Lam. Cal-Cpy-Chl vn (1cm wide)		
	85	f.g. Lam SST (SLST)	*	316.93 - 334.97 m "Crackled", f.g., grey/maroon lam. SST (SLST) locally grading to Bho. Fx's filled w white carb + silvery HS, sometimes bladed. Some sections of Bho w abundant hematization (maroon Rx). MTX in Bho contains rare Cpy. Alb alt'n surrounds some rock - 5x vns
320				
	97	Crackled Bho	Carb-Qtz-Cpy vn (7mm wide)	
	131		crackled	
325	94			
			Ank-Cal-Cpy vn (13mm wide)	
	99			Tr. Cpy in vns.
330				
	97		Lam Cal-Chl-Cpy vn	
			Ank-Cal-Qtz-Cpy vn	
335	98		Ank-Cal-Qtz-Cpy vn	* 334.97 - 347.45 m Maroon to grey, hematitic Bht. Clast-supported; carb + HS MTX; rare white carb - Chl ± Cpy vns cut bx. Tr. Cpy in MTX.
			Cal-Cpy vn.	
	100	Red-grey Bht		
340				
	101			
	98		rubbled core	
345	62		CAVE	
				* 347.45 - 358.05 m - "Crackled" f.g. grey-green Lam SST (SLST). Less hematized than SST above @ 316.93 - 334.97m. Minor zones of intense green - Alb - Scap - Chl - Carb alt'n. Fx's filled w white Ank-Cal ± Cpy. Vns of dk grey HS - Cal w coffee-brown alb. alt'n halos cut by late carb ± Cpy vns/Fx's.
	51	f.g. Lum SST (SLST)	rubbled core	
350	51	Crackled		
	44			
	96		crackled	
355	100			
	93	Red Bht	CAVE	* 358.05 - 360.8m - Reddish - maroon, hematitic Bht.
	87		CAVE broken core	
360				

ALTERATION					FRACTURE INTENSITY	LIM % VEIN QTZ	MAG
ALB A	CARB (DOL + ANK) B	CHL C	QTZ D	HEM E	RQD		
					93 (39)	2%	
					91 (38)		
					110 (46)		
					175 (114)		
					116 (48)		
					205 (67)		
					218 (71)		
					224 (77)		
					275 (111)		
					200 (80)		
					77 (42)		
					3 (0)		
					0		
					0		
					43 (22)		
					118 (48)		
					202 (66)		
					57	93%	
					150 (49)		

PAGE 16 OF 22 | PROJECT: LEARY-FAIRCHILD | HOLE NO. L447-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	MAG SUSC. X10-5 SI UNITS	SCINT (CPS)
		315.05	316.55	1.5	N200214	<	<	47	0-40	
Cpy in Lam Cal-Qtz-Chl vn (5% vol vn)		316.55	318.05	1.5	N200215	<	<	76		60-80
		318.05	319.55	1.5	N200216	<	<	16		
REFERENCE STANDARD N200217 (SAP-17) 250, <, 36		319.55	321.05	1.5	N200218	250	<	8		
Cpy in Carb-Qtz vn		321.05	322.55	1.5	N200219	<	<	10		
Cpy in Bkn MTX. (to 335m)		322.55	324.05	1.5	N200220	<	<	7		
		324.05	325.55	1.5	N200221	<	<	13		
		325.55	327.05	1.5	N200222	<	<	39	0-30	70-100
		327.05	328.55	1.5	N200223	<	<	67		
		328.55	330.05	1.5	N200224	15	<	17		
Cpy in Cal-Ank vn.		330.05	331.55	1.5	N200225	10	<	1		
		331.55	333.05	1.5	N200226	<	<	28		
Cpy in Laminated Cal-Chl ± Qtz vns over next 5m		333.05	334.55	1.5	N200227	20	<	233		
		334.55	336.05	1.5	N200228	10	<	21		
		336.05	337.55	1.5	N200229	35	<	17		
		337.55	339.05	1.5	N200230	20	<	6		
		339.05	340.55	1.5	N200231	15	<	7		
Tr. (Cpy in MTX (carb-HS) in Bkt		340.55	342.05	1.5	N200232	10	<	3		70-90
		342.05	343.55	1.5	N200233	10	<	4		
		343.55	345.05	1.5	N200234	<	<	34		
		345.05	346.55	1.5	N200235	10	<	41		
		346.55	348.05	1.5	N200236	5	<	3	0-60	60-80
Cpy in Fx's in crackled SST. (typ <5% vol)										(90)
		348.05	349.55	1.5	N200237	<	<	7	0-30	
		349.55	351.05	1.5	N200238	<	<	<1		
		351.05	352.55	1.5	N200239	<	<	15		
		352.55	354.05	1.5	N200240	<	<	<		
		354.05	355.55	1.5	N200241	45	<	4		
		355.55	357.05	1.5	N200242	<	<	1	0-90	60-90
		357.05	358.55	1.5	N200243	<	<	157		
		358.55	360.05	1.5	N200244	15	<	5	0-30	
										70-110

PROJECT: LEARY – FAIRCHILD

HOLE NO. LY97-10

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION: ALB A	CARB (CAL + ANK) B	CHL C	QTZ D	HEM E	RQD / FRACTURE INTENSITY	% VEIN QTZ	MAG

GEOLOGICAL DESCRIPTION

* 360.80 – 361.90 m Grey, f.g. Lam SST (SLST) w̄ local zones of Bho. Clast-supported w̄ SST clasts + MTX of white carb + silvery HS.

* 361.90 – 364.46 m Grey to maroon, hematitic Bht like above

* 364.46 – 373.70 m Grey, f.g., Lam, crackled SST (SLST) w̄ extremely intense green-yellow Alb-Scap alt'n. Entire Rx converted to Alb-Scap calc-silicate w̄ only remnant bedding visible to identify as a SST. Fx's filled w̄ white carb. + silvery needles of HS

* 373.70 – 381.80 m Grey-Red-maroon, Hematitic Bht like above @ 334.97 – 347.45 m

* 381.80 – 387.90 m Dk green, med- to f.g. diorite. Patches of secondary, med. green amph-Chl ± white carb in Rx. Rare vns of Lam. carb ± Cpy cut competent diorite. Py is diss. throughout Dio. Cpy is rarer in Dio, but does occur in Fx's ± carb. Mod. to Str. magnetic. Minor hematization.

* 387.90 – 388.20 m Red, hematite Bht dyke w̄ numerous vns of white cal + Qtz ± Cpy ± py. Cp + Py diss. in MTX w̄ HS-CHL-Carb. Some dio. material in "mixed zone" in section.

* 389.20 – 389.60 m Dio dyke like above

* 389.60 – 391.38 m Red, hematite Bht dyke

* 391.38 – 394.49 m Dio. dyke w̄ abundant Ank-cal-qtz ± cpy ± py vns. + Fx's. Lower contact has clasts of Bht in dio. ∴ Bht older than dio.

* 394.49 – 400.73 m Red, Hematite Bht. Late vns of carb + qz + Chl ± Cpy ± py cut both clasts + MTX of Bht.

* 400.73 – 401.13 m Alt'd (chl-carb) diorite dyke. Vns of Carb + qz ± cpy ± py cut dio.

* 401.13 – 405.21 m Red-green, hematized Bht. Some white carb - Qtz ± Cpy ± Py vns cut Rx. MTX commonly dioritic in comp → v̄ green, esp. near contact w̄ Dio. ∴ Dio. younger than Bht; alt'n fluids aff dio. real. Bht MTX + dio magma surrounds other Bht clasts.

DEPTH marks: 360, 364.96, 365, 370, 375, 380, 385, 390, 395, 400, 405

% CORE REC: 87, 92, 106, 94, 100, 33, 75, 98, 99, 98, 100, 99, 100, 98, 97, 102, 0, 94, 100

LITHOLOGY: Bht; SST (Bho); Bht; f.g. Lam SST (crackled); Grey Red Bht; Green Diorite; Bht; Dior.; Bht; Diorite; Red Bht; Dior.; Bht

STRUCTURE: So; Alb-Scap-Carb alt'n; CAVE; crackled; CAVE; CAVE; Lam Ank-Cal-Chl-Cpy vn (32); diss. Py, rare Cpy; Lam. Ank-Cal-Chl-Cpy vn (33); diss. Py, lesser Cpy; diss Py, minor Cpy; diss. Py, lesser Cpy; diss. Py ± Cpy

RQD / FRACTURE INTENSITY: 150 (49); 217 (71); 239 (81); 291 (96); 14 (5); 263 (86); 264 (87); 265 (87); 272 (89); 284 (93); 253 (83); 245 (80); 218 (71); 155 (51); 178 (59)

% VEIN QTZ: 1%; 8%; 56%

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	ASSAYS Ag	ASSAYS Cu	MAG SUSC X10-5 SI UNITS	SCIN (CPS
		360.05	361.55	1.5	N200245	60	<	3	0-30	70-11
		361.55	363.05	1.5	N200246	25	<	1		60-10
		363.05	364.55	1.5	N200247	<	<	2		
		364.55	366.05	1.5	N200248	<	<	23		60-9
		366.05	367.55	1.5	N200249	<	<	5		
		367.55	369.05	1.5	N200250	<	0.4	18		
		369.05	370.55	1.5	N200251	<	<	1		
		370.55	372.05	1.5	N200252	<	<	1		60-10
STANDARD REFERENCE N200253 (SAP 17)					N200253	250	<	33		
		372.05	373.55	1.5	N200254	<	<	3		
		373.55	375.05	1.5	N200255	10	<	13		70-100
		375.05	376.55	1.5	N200256	<	<	7		
		376.55	378.05	1.5	N200257	<	<	3	0-50	
		378.05	379.55	1.5	N200258	<	<	5		
		379.55	381.05	1.5	N200259	<	<	10		
		381.05	381.80	.75	N200260	<	<	75	200-3000 (0-60)L	60-80
		381.80	383.30	1.5	N200261	5	<	50		
Py diss. throughout diorite. Minor Cpy diss too. Rare vns of carb host Cpy (upto 10%wd)		383.30	384.80	1.5	N200262	<	<	434		
		384.80	386.30	1.5	N200263	<	<	180		
		386.30	387.90	1.6	N200264	<	<	40	200-800 (1000-2000)H	
		387.90	388.35	.45	N200265	<	<	890		
Cpy+Py in vns of Qtz-Cal in Bht		388.35	389.20	.85	N200266	10	<	380		
Diss. Py in diorite/Bht mtx.		389.20	389.70	.50	N200267	<	<	35		
Diss. Py in mtx of Bht		389.70	391.38	1.68	N200268	20	<	83	0-80	60-90
Abundant Cpy+Py in Cal-qtz vns/fx's in diorite		391.38	392.88	1.5	N200269	25	<	726	(100-400)H	
		392.88	394.49	1.61	N200270	10	<	129		
Cpy+Py in late vns of carb+qtz+Chl in Bht		394.49	395.99	1.5	N200271	20	<	134		
		395.99	397.49	1.5	N200272	<	<	18		
		397.49	398.99	1.5	N200273	<	<	30		
		398.99	400.73	1.74	N200274	<	<	7		70-10
Cpy+Py in carb-qtz vns cutting altd diorite		400.73	401.13	.50	N200275	10	<	303		
		401.13	402.63	1.5	N200276	5	<	185		
Cpy+Py in carb-qtz vns in hem. Bht		402.63	404.13	1.5	N200277	<5	<.2	542	0-200	
		404.13	405.21	1.08	N200278	<5	<.2	155	0-80	

PAGE 19 OF 22 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-10

DEPTH (m)	CORE REC %	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A: ALB	ALTERATION B: CARB (CAL + ANK)	ALTERATION C: CHL	ALTERATION D: QTZ	ALTERATION E: HEM	FRACTURE INTENSITY RQD	% VEINS/QTZ	MAG
Bht 405												
	102	Diorite		* 405.21 – 412.40 m Dk. green Dio w/ carb-qtz ± py + cpy vns. Contains abundant diss. py. Diss cpy much rarer. Patches of maroon hem-altʼd Rx may be inclusions of Bht or intensely metasomatized Bht interfingering w/ Dio.						139 (140)	1%	
			diss. Py (+ Cpy)									
410	100									168 (152)		
	98									231 (176)		
		Bht	Ank porphyroblasts	* 412.40 – 415.87 m Maroon – dk green Bht. MTX v. dk green (act-chl) after altʼn fluids/melt from diorites. Large (up to 15mm dia) porphy. of euhedral, grey-white Ank common in bottom 2m.						224 (173)		
415	97											
		Diorite	K+ altʼn?	* 415.87 – 416.97 m Altʼd dk-green Dio. Numerous inclusions of rounded, red Bht. Some carb porphybl.						247 (188)		
		Bht										
	103	Diorite		* 416.97 – 417.80 m Red-Green Bht (Bho?) w/ Large (up to 2cm dia.) Ank porphyroblasts. Diss Py; Some K+ altʼn??								
420		Bht										
				* 417.80 – 418.32 m Dk. green Diorite dyke						247 (181)		
	102	Diorite	diss Py	* 418.32 – 420.78 m Pink-green Bht (Bho?) Like @ 416.97 – 417.80 m. Some K+ altʼn??								
				* 420.78 – 423.15 m Diorite (dk green) w/ white carb ± Sx vns. + abundant Py diss: throughout Rx, Some sections may be more Bht w/ dio. MTX. complicated zone.						166 (154)		
425	100	Bht	diss Py + Cpy									
			K+ altʼn?	* 423.15 – 430.81 m Pink-green Bht like above. Large Clasts of pink hem/K-spar? surrounded by MTX. of green (chl-act) material (Dio-derived)						237 (178)		
	97											
430			14cm wide Diodyke in Bht									
	97	Diorite (Bht)	Qtz-Ser-Cal ± Sx altʼn mingled zone	Abundant Py + lesser Cpy diss. in green chl-act MTX. Parts of Bht are matrix-supported, not clast-supported. Porphyr. rhombs of white Ank-Cal in MTX.						268 (188)		
		Bht										
	98	Diorite		* 430.81 – 432.41 m Diorite dyke w/ intense Qtz-Ser-Cal altʼn. Looks like "porphyry-type" phyllic altʼn						281 (112)		
435		Bht		Margins of dyke are "mingled zones" w/ dioritic melt?? enclosing frags. of wallrock Bht. Alternatively, could just be chl-act altʼn of Bht MTX by fluids off dio. Zones of Bht.								
	103	Diorite	diss. Px (± Cpy)							273 (90)		
				* 432.71 – 433.50 m Red-green Bht like above.								
	96		Intense Ser-Cal-Qtz vns ± Cpy ± Py	* 433.50 – 434.18 m Diorite dyke w/ intense Qtz-Ser-Cal altʼn like above @ 430.81 – 432.41 m.						275 (90)		
440				* 434.18 – 435.20 m. Red-green Bht like above.								
		Bht		* 435.20 – 441.85 m Dk + Med. green Diorite dyke. Zones of intense green Qtz-Ser-Cal ± kspar ± Py ± Cpy altʼn. Some patches of altʼn may have sign. K-spar? + Mag + py + qtz + chl + resemble "granitic" altʼn.						144 (147)		
	100		Pink Qtz-Carb-Ksp? ± Sx (granitic altʼn)									
		Diorite										
445	95		diss. Py							144 (146)		
			"granitic" altʼn	* 441.85 – 442.30 m Pink Bht. V friable + crumbly Rx w/ large vns of Cpy, vns of Qtz-carb + Cpy ± Py								
	103									203 (174)		
			Qtz-carb-Hem vn	* 442.30 – 453.85 m Med. green Diorite w/ zones of intense Qtz-Ser-Carb ± Sx (phyllic altʼn) + reddish Qtz-Carb-Ksanr? ± Sx (granitic-K+ altʼn?)								
450												

PAGE 20 OF 22 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	ASSAYS Ag	ASSAYS Cu	MAG SUSC X10-5 SI UNITS	SCINT (CPS)
Py + Cpy in carb - qtz vns in diorite.		405.21	406.71	1.5	N200279	<	<	46	0-80	70-100
Abundant diss. Py (grains typ ≤ 2mm across).		406.71	408.21	1.5	N200280	<	<	94		
		408.21	409.71	1.5	N200281	<	<	40		60-80
		409.71	411.21	1.5	N200282	<	<	42	(100-400)	
		411.21	412.40	1.19	N200283	<	<	27	80-500 1/2	60-90
		412.40	413.90	1.5	N200284	10	<	14		
		413.90	414.74	.84	N200285	25	<	5	0-40 1/2	
		414.74	415.87	1.13	N200286	10	<	5	0-200	
		415.87	416.94	1.07	N200287	<	<	2	(1000-2000)	
Py diss. in diorite / Blt (in MTX ± carb+Hem)		416.94	417.80	.86	N200288	20	<	4		
REFERENCE STANDARD N200289 (SAP17) 270 ± 35		417.80	418.32	.52	N200290	35	<	4	0-60	
		418.32	419.76	1.44	N200291	20	<	6	(200-600)	
		419.76	420.78	1.02	N200292	15	<	13	(2000)	
		420.78	421.96	1.18	N200293	10	<	47	0-400 1/2	70-90
Py diss. in diorite (grains typ. ≤ 2mm)		421.96	423.15	1.19	N200294	<	<	19	600-3000 1/2	
Rare Cpy diss. in diorite		423.15	424.65	1.5	N200295	<	<	7	0-50	
Abundant Py + Cpy diss. in chl-Act MTX in Blt		424.65	426.15	1.5	N200296	5	<	50		
		426.15	427.65	1.5	N200297	10	<	744	0-200	
		427.65	429.15	1.5	N200298	20	<	393		
		429.15	430.81	1.66	N200299	10	<	32	0-600	
		430.81	432.41	1.60	N200300	<	<	4		
Rare Py in Qtz-Ser ± Cal (Phyllic) alt'n in diorite		432.41	433.68	1.27	N200301	20	<	8		
		433.68	434.18	.50	N200302	10	<	1		
		434.18	435.20	1.02	N200303	15	<	96	(600-2500)	
Diss. Py + lesser Cpy in diorite. Cpy also assoc. in patches of Ser-Qtz-Carb in diorite		435.20	436.57	1.37	N200304	10	<	327	1000-7000	60-80
		436.57	438.45	1.88	N200305	10	<	13		
		438.45	439.95	1.50	N200306	10	<	8	2000-5000	
		439.95	441.0	1.05	N200307	<	<	2	(20-80)	
		441.0	441.68	.68	N200308	<	<	16		
Large xls of Cpy (1cm across!) in Blt MTX. Also Cpy + Py in qtz-carb vns.		441.68	442.50	.82	N200309	<	<	930		
		442.50	443.41	.91	N200310	<	<	6		
		443.41	445.14	1.73	N200311	<	<	43		
Diss. Py + lesser Cpy in alt'd diorite.		445.14	446.76	1.62	N200312	<	<	29		50-80
Minor Cpy + Py in zones of intense Qtz-Ser-Carb (phyllic) alt'n.		446.76	447.70	.94	N200313	<	<	181		
		447.70	448.75	1.05	N200314	<	<	3		
		448.75	450.25	1.5	N200315	<	<	18		
									1000-3000	

PAGE 21 OF 22 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-10

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A ALB	B CARB (CAL + ANK)	C CHL	D QTZ	E HEM	FRACTURE INTENSITY RQD	% VEIN QTZ	MAG
450												
97												
94		Granite		diss. py (rare cpy)						126 (44)	∅	
135											∅	
455				453.85 m = EOH								
460												
465												
470												
475												
480												
485												
490												
495												

PAGE 22 OF 22 | PROJECT: LEARY - FAIRCHILD | HOLE NO. LY97-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Ag ppm	ASSAYS Cu ppm	MAG. SUSC X10-5 SI UNITS	SCINT (CPS)
		450.25	451.75	1.5	N200316	<	<	30	400-6000	50-80
Diss. Py + Tr. Cpy in diorite		451.75	453.25	1.5	N200317	<	<	103		
		453.25	453.85	.60	N200318	<	<	167	1000-8000	

APPENDIX C

ANALYTICAL PROCEDURES AND CERTIFICATES OF ANALYSES

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9729101

Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON HOLE # LY97-1

CERTIFICATE A9729101

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD
P.O. # : LY97-1

Samples submitted to our lab in Vancouver, BC.
This report was printed on 2-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	78	Geochem ring to approx 150 mesh
294	78	4-7 Kg crush and split
3202	78	Rock - save entire reject
214	2	Rcvd as pulp; mesh size checked
285	80	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	80	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	80	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	80	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	80	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	80	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	80	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	80	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	80	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	80	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	80	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	80	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	80	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	80	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	80	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	80	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	80	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	80	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	80	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	80	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	80	Pb ppm: 24 element, rock & core	AAS	2	10000
582	80	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	80	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	80	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	80	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	80	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	80	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Page Number :1-A
Total Pages :2
Certificate Date: 02-JUL-97
Invoice No. :19729101
P.O. Number :LY97-1
Account :BM W

CERTIFICATE OF ANALYSIS A9729101

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)
198601	205	294	60	< 0.2	8.39	1500	2.5	< 2	2.82	< 0.5	29	67	178	5.95	6.05	1.75
198602	205	294	20	< 0.2	7.44	3340	2.0	< 2	2.97	< 0.5	32	80	1135	6.23	6.24	1.76
198603	205	294	25	< 0.2	7.46	4660	2.0	4	2.74	< 0.5	23	57	223	5.95	6.52	1.64
198604	205	294	60	< 0.2	7.08	2580	1.5	< 2	2.95	< 0.5	24	54	672	5.90	6.47	1.63
198605	205	294	45	< 0.2	7.01	1570	1.5	< 2	3.38	< 0.5	26	66	2080	6.25	6.82	1.85
198606	205	294	20	< 0.2	7.34	2050	2.0	< 2	3.69	< 0.5	30	53	170	6.37	5.93	1.97
198607	205	294	< 5	< 0.2	7.14	560	2.0	2	3.77	< 0.5	31	46	59	5.61	5.45	2.05
198608	205	294	30	< 0.2	5.54	650	< 0.5	8	1.91	< 0.5	43	56	4990	6.20	7.49	0.70
198609	205	294	40	< 0.2	6.08	780	0.5	< 2	3.25	< 0.5	30	42	3330	5.66	7.27	1.44
198610	205	294	20	< 0.2	6.65	760	1.0	2	3.99	< 0.5	26	42	1385	6.10	6.56	1.97
198611	205	294	< 5	< 0.2	7.64	890	2.0	< 2	3.11	< 0.5	35	51	269	5.29	6.29	1.78
198612	205	294	< 5	< 0.2	8.35	1320	3.0	< 2	2.19	< 0.5	26	55	43	5.03	6.27	1.61
198613	205	294	< 5	< 0.2	6.70	1170	1.5	< 2	3.22	< 0.5	28	54	56	5.07	5.58	1.77
198614	205	294	< 5	< 0.2	8.07	5850	2.5	< 2	3.28	< 0.5	28	55	72	5.79	5.96	1.96
198615	205	294	< 5	< 0.2	7.28	860	2.0	2	3.42	< 0.5	32	49	774	5.87	6.13	1.93
198616	205	294	70	< 0.2	6.15	1670	0.5	< 2	4.61	< 0.5	26	59	4360	5.23	4.40	1.96
198617	205	294	30	< 0.2	6.45	4010	1.5	2	4.10	< 0.5	26	44	1655	5.23	6.05	2.06
198618	205	294	10	< 0.2	6.71	1020	1.5	< 2	4.14	< 0.5	28	37	384	5.73	3.19	2.05
198619	205	294	30	< 0.2	6.77	680	1.0	4	3.44	< 0.5	23	40	725	5.49	6.16	1.70
198620	205	294	20	< 0.2	6.75	670	1.5	< 2	3.56	< 0.5	24	47	2530	6.50	6.24	1.87
198621	205	294	20	< 0.2	6.98	780	1.5	2	3.18	< 0.5	25	46	126	5.25	6.07	1.83
198622	205	294	20	< 0.2	7.12	2980	2.0	2	3.39	< 0.5	25	71	481	5.47	5.79	1.96
198623	205	294	25	< 0.2	7.22	560	1.5	< 2	2.98	< 0.5	22	54	1695	6.37	6.57	1.62
198624	205	294	< 5	< 0.2	5.53	610	< 0.5	< 2	4.53	< 0.5	22	49	3500	5.72	5.31	1.81
198625	205	294	< 5	< 0.2	5.87	620	< 0.5	< 2	4.10	< 0.5	20	40	2320	5.32	8.11	1.63
198626	205	294	30	< 0.2	6.67	680	1.5	< 2	3.60	< 0.5	24	52	3900	6.05	6.64	1.83
198627	205	294	20	< 0.2	7.35	940	2.0	2	3.04	< 0.5	22	48	116	5.51	6.65	1.81
198628	205	294	55	< 0.2	7.78	1320	2.5	2	3.04	< 0.5	28	47	159	6.12	6.27	1.71
198629	205	294	35	< 0.2	7.71	2200	2.0	< 2	2.87	< 0.5	25	51	239	6.22	6.86	1.65
198630	205	294	20	< 0.2	6.80	4540	1.5	6	3.14	< 0.5	19	44	121	5.50	6.33	1.80
198631	205	294	< 5	< 0.2	7.14	1920	2.0	< 2	2.87	< 0.5	24	46	68	5.69	5.95	1.77
198632	205	294	25	< 0.2	6.62	1740	0.5	< 2	2.74	< 0.5	25	61	1200	5.63	7.41	1.36
198633	205	294	< 5	< 0.2	7.72	1330	2.0	< 2	2.63	< 0.5	39	54	63	5.92	6.68	1.79
198634	205	294	< 5	< 0.2	7.52	720	2.0	< 2	2.77	< 0.5	39	50	51	5.61	5.88	1.81
198635	205	294	< 5	< 0.2	7.56	1560	2.5	< 2	2.50	< 0.5	38	52	41	5.28	5.73	1.59
198636	214	285	160	< 0.2	4.36	1570	1.0	2	1.35	1.5	6	107	114	3.19	1.39	0.56
198637	205	294	< 5	< 0.2	7.55	1040	2.0	< 2	3.70	< 0.5	50	49	58	4.53	5.66	2.10
198638	205	294	< 5	< 0.2	7.65	910	2.5	< 2	3.03	< 0.5	44	64	16	4.88	5.98	1.85
198639	205	294	< 5	< 0.2	8.41	1020	2.5	8	1.85	< 0.5	41	53	14	5.56	6.91	1.41
198640	205	294	< 5	< 0.2	5.97	960	2.0	< 2	3.03	< 0.5	39	45	55	6.75	4.78	1.70

CERTIFICATION: Stan Bucholz

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 02-JUL-97
Invoice No. :I9729101
P.O. Number :LY97-1
Account :BM W

CERTIFICATE OF ANALYSIS A9729101

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		
198601	205 294	2790	5	0.18	41	740	4	32	0.29	81	10	14	60		
198602	205 294	3080	8	0.17	32	690	4	57	0.22	75	10	12	60		
198603	205 294	3330	12	0.16	34	760	2	77	0.23	78	10	10	70		
198604	205 294	3560	25	0.16	30	720	2	48	0.22	76	10	8	80		
198605	205 294	3570	18	0.20	30	910	2	37	0.17	85	10	10	60		
198606	205 294	4190	12	0.19	37	720	2	41	0.18	81	10	12	70		
198607	205 294	4070	5	0.17	37	630	< 2	24	0.22	70	10	10	50		
198608	205 294	2270	12	0.18	6	550	2	21	0.09	36	< 10	6	30		
198609	205 294	3590	23	0.16	13	600	< 2	26	0.14	55	10	8	70		
198610	205 294	4810	14	0.20	24	680	< 2	30	0.19	86	10	6	50		
198611	205 294	4120	6	0.20	32	700	2	24	0.28	72	10	10	70		
198612	205 294	2640	4	0.18	34	710	< 2	25	0.29	80	< 10	10	60		
198613	205 294	4310	7	0.12	28	670	2	29	0.25	61	< 10	10	50		
198614	205 294	3960	4	0.18	34	700	2	70	0.29	76	10	10	60		
198615	205 294	4200	5	0.17	29	670	< 2	30	0.25	72	10	10	50		
198616	205 294	6390	24	0.19	20	690	2	85	0.16	63	10	8	60		
198617	205 294	5120	20	0.15	33	750	< 2	65	0.21	80	10	8	60		
198618	205 294	5150	12	0.20	37	710	< 2	34	0.19	76	10	6	50		
198619	205 294	4300	12	0.17	25	690	< 2	28	0.14	84	10	8	70		
198620	205 294	4080	11	0.18	29	700	< 2	28	0.18	121	10	10	60		
198621	205 294	3360	7	0.14	32	700	< 2	27	0.16	70	10	10	70		
198622	205 294	3770	7	0.15	33	670	< 2	49	0.23	69	10	8	50		
198623	205 294	3280	9	0.16	29	660	< 2	27	0.22	77	10	8	60		
198624	205 294	6310	4	0.17	16	530	< 2	31	0.07	48	< 10	4	40		
198625	205 294	5820	7	0.17	14	640	< 2	30	0.08	46	< 10	6	50		
198626	205 294	4270	19	0.19	30	570	< 2	27	0.18	73	10	6	50		
198627	205 294	3240	9	0.16	32	720	< 2	29	0.25	75	10	10	70		
198628	205 294	4100	24	0.17	44	680	< 2	34	0.16	82	10	8	60		
198629	205 294	3310	23	0.17	35	720	2	44	0.23	80	10	10	70		
198630	205 294	3390	10	0.14	27	710	< 2	68	0.22	73	< 10	8	50		
198631	205 294	3230	4	0.12	33	610	2	37	0.22	71	< 10	10	60		
198632	205 294	2850	13	0.13	16	650	< 2	36	0.22	62	10	6	60		
198633	205 294	2220	5	0.16	35	710	2	28	0.26	76	< 10	8	70		
198634	205 294	2810	4	0.14	35	660	< 2	21	0.25	72	< 10	8	60		
198635	205 294	2960	3	0.16	30	710	2	31	0.25	70	< 10	10	30		
198636	214 285	250	13	0.11	44	1230	12	116	0.21	318	30	102	30		
198637	205 294	4450	3	0.16	35	650	< 2	31	0.25	73	< 10	10	50		
198638	205 294	3430	4	0.18	34	650	< 2	26	0.26	70	< 10	26	60		
198639	205 294	1965	4	0.17	31	730	< 2	20	0.28	74	10	8	60		
198640	205 294	3440	10	0.09	26	610	2	26	0.17	66	10	10	60		

CERTIFICATION: Peter Bamber

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 02-JUL-97
Invoice No. : I9729101
P.O. Number : LY97-1
Account : BM W

CERTIFICATE OF ANALYSIS A9729101

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)
198641	205	294	10	< 0.2	6.81	4430	2.0	2	4.40	< 0.5	33	40	395	5.33	5.42	2.30
198642	205	294	< 5	< 0.2	6.71	3950	2.0	2	3.34	< 0.5	28	44	202	5.63	5.55	1.98
198643	205	294	< 5	< 0.2	8.35	1160	3.0	4	1.80	< 0.5	31	56	30	6.69	6.36	1.55
198644	205	294	< 5	< 0.2	7.05	1110	2.0	< 2	3.39	< 0.5	30	47	61	6.23	5.85	2.08
198645	205	294	< 5	< 0.2	7.44	1070	2.5	< 2	2.24	< 0.5	25	48	62	6.09	6.07	1.62
198646	205	294	< 5	< 0.2	7.60	980	2.5	2	2.32	< 0.5	28	50	25	6.04	5.91	1.72
198647	205	294	< 5	27.0	7.11	960	2.5	2	3.36	< 0.5	32	47	251	5.88	5.77	2.08
198648	205	294	< 5	10.2	7.63	1220	2.5	< 2	2.34	< 0.5	32	70	932	6.56	5.95	1.69
198649	205	294	< 5	1.6	7.65	1650	3.0	2	2.42	< 0.5	32	62	2040	6.80	5.91	1.75
198650	205	294	10	< 0.2	8.03	1050	3.0	< 2	1.88	< 0.5	33	72	1135	5.46	5.84	1.57
198651	205	294	< 5	< 0.2	6.85	920	2.0	2	3.28	< 0.5	33	59	695	5.29	5.15	2.04
198652	205	294	< 5	< 0.2	7.61	930	2.5	2	3.00	< 0.5	36	48	891	5.46	3.39	2.02
198653	205	294	< 5	< 0.2	8.51	900	3.5	6	1.41	< 0.5	33	68	2390	5.73	6.31	1.42
198654	205	294	< 5	< 0.2	6.77	1000	2.0	2	4.15	< 0.5	36	44	762	5.29	2.90	2.38
198655	205	294	< 5	< 0.2	7.12	970	2.0	< 2	2.99	< 0.5	31	48	1225	5.22	3.72	1.86
198656	205	294	< 5	< 0.2	7.98	1040	2.5	< 2	2.81	< 0.5	34	76	2220	5.11	6.26	1.88
198657	205	294	15	< 0.2	6.02	1110	1.5	6	6.27	< 0.5	44	50	5480	4.83	3.62	3.19
198658	205	294	10	< 0.2	7.28	960	2.0	4	3.32	< 0.5	32	49	351	4.92	5.64	1.92
198659	205	294	< 5	< 0.2	7.74	990	2.5	2	2.73	< 0.5	32	49	430	4.57	5.82	1.86
198660	205	294	< 5	< 0.2	8.11	1220	2.5	2	2.21	< 0.5	31	53	41	4.87	6.42	1.58
198661	205	294	10	< 0.2	8.34	1070	2.5	< 2	1.76	< 0.5	29	53	46	4.90	5.28	1.42
198662	205	294	< 5	< 0.2	8.14	980	2.5	2	2.02	< 0.5	30	48	23	4.06	5.35	1.56
198663	205	294	< 5	< 0.2	8.42	970	3.0	2	1.90	< 0.5	28	52	81	4.70	6.39	1.59
198664	205	294	20	< 0.2	7.10	1030	2.0	< 2	2.97	< 0.5	30	41	262	4.03	5.85	1.86
198665	205	294	< 5	< 0.2	8.27	1040	2.5	4	1.99	< 0.5	28	79	666	4.03	6.52	1.57
198666	205	294	30	< 0.2	7.96	830	2.5	2	2.32	< 0.5	38	50	68	5.24	6.29	1.82
198667	205	294	10	< 0.2	7.59	1500	2.5	2	3.17	< 0.5	64	50	206	5.34	6.05	2.06
198668	205	294	< 5	< 0.2	7.28	950	2.5	6	3.99	< 0.5	32	50	62	5.92	2.74	2.41
198669	205	294	< 5	< 0.2	8.38	920	3.0	2	3.40	< 0.5	35	50	117	5.13	3.33	2.36
198670	205	294	< 5	< 0.2	7.88	1070	2.5	< 2	4.07	< 0.5	33	48	10	5.35	4.62	2.53
198671	205	294	< 5	< 0.2	7.79	1250	2.5	2	2.99	< 0.5	30	48	30	5.18	3.88	1.95
198672	205	294	< 5	< 0.2	7.24	950	2.0	< 2	3.22	< 0.5	28	42	72	5.45	5.90	2.06
198673	214	285	155	< 0.2	4.32	580	1.0	2	1.44	1.5	7	109	107	3.30	1.32	0.58
198674	205	294	< 5	< 0.2	8.14	1040	3.0	2	3.60	< 0.5	32	49	288	5.26	4.65	2.37
198675	205	294	< 5	< 0.2	7.85	970	3.0	< 2	3.44	< 0.5	30	47	153	5.46	4.45	2.26
198676	205	294	< 5	< 0.2	8.11	1110	3.0	2	3.96	< 0.5	34	47	85	4.58	5.90	2.58
198677	205	294	< 5	< 0.2	6.67	870	2.5	2	4.52	< 0.5	33	37	227	4.55	4.91	2.66
198678	205	294	< 5	< 0.2	7.38	920	2.5	2	4.42	< 0.5	36	44	29	5.40	4.88	2.69
198679	205	294	< 5	< 0.2	9.62	1020	4.0	2	2.13	< 0.5	33	55	8	5.45	5.18	1.86
198680	205	294	< 5	< 0.2	8.87	980	3.5	6	3.05	< 0.5	37	47	24	4.94	4.44	2.18

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 02-JUL-97
Invoice No. : I9729101
P.O. Number : LY97-1
Account : BM W

CERTIFICATE OF ANALYSIS A9729101

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		
198641	205	294	4620	7	0.14	26	710	2	76	0.23	65	< 10	12	50		
198642	205	294	3830	3	0.12	24	670	2	56	0.25	67	< 10	10	50		
198643	205	294	1950	4	0.17	30	840	4	24	0.33	92	10	12	60		
198644	205	294	3890	5	0.14	25	690	< 2	28	0.27	73	< 10	10	50		
198645	205	294	2450	5	0.13	25	730	2	23	0.28	80	< 10	10	60		
198646	205	294	2680	3	0.14	29	740	2	24	0.28	80	< 10	10	60		
198647	205	294	3970	66	0.13	34	690	4	26	0.27	74	80	12	50		
198648	205	294	2770	20	0.14	34	680	2	26	0.30	83	40	10	50		
198649	205	294	2850	7	0.16	32	760	2	35	0.31	84	10	10	60		
198650	205	294	2150	7	0.16	35	740	< 2	24	0.31	83	10	10	60		
198651	205	294	3910	3	0.15	28	650	4	26	0.27	64	< 10	10	40		
198652	205	294	3440	4	0.17	32	690	2	24	0.31	74	< 10	10	50		
198653	205	294	1485	3	0.17	37	760	2	19	0.34	85	10	10	60		
198654	205	294	4990	1	0.14	28	630	< 2	29	0.27	63	< 10	10	40		
198655	205	294	3450	7	0.19	26	690	< 2	24	0.29	68	10	10	50		
198656	205	294	3040	9	0.18	29	760	< 2	24	0.32	76	< 10	12	60		
198657	205	294	6240	10	0.19	24	580	< 2	37	0.23	54	< 10	10	40		
198658	205	294	3420	4	0.18	27	680	< 2	34	0.29	69	< 10	10	50		
198659	205	294	3080	3	0.20	29	710	2	23	0.32	73	< 10	10	60		
198660	205	294	2510	2	0.18	29	790	4	25	0.32	73	10	10	60		
198661	205	294	1955	< 1	0.16	28	800	2	21	0.34	81	10	10	60		
198662	205	294	2270	1	0.17	30	740	2	22	0.32	81	< 10	10	60		
198663	205	294	1855	1	0.18	30	760	2	22	0.35	86	10	10	60		
198664	205	294	3370	3	0.15	24	650	4	26	0.28	64	< 10	8	50		
198665	205	294	2070	5	0.17	31	700	4	22	0.32	81	< 10	12	60		
198666	205	294	2030	5	0.17	31	680	4	20	0.30	81	10	10	60		
198667	205	294	2780	5	0.15	29	710	2	29	0.29	86	< 10	14	40		
198668	205	294	3620	3	0.17	29	1020	< 2	27	0.29	85	10	12	40		
198669	205	294	3040	7	0.17	36	700	2	25	0.33	92	< 10	16	60		
198670	205	294	3640	4	0.17	30	760	2	27	0.31	85	10	14	50		
198671	205	294	2730	4	0.17	30	790	4	25	0.31	78	< 10	14	50		
198672	205	294	2920	1	0.15	29	660	< 2	23	0.31	83	10	16	50		
198673	214	285	250	13	0.12	44	1230	14	114	0.21	329	20	106	30		
198674	205	294	3050	3	0.20	33	680	2	26	0.31	88	< 10	28	70		
198675	205	294	3380	4	0.18	32	670	2	25	0.32	85	< 10	14	60		
198676	205	294	3970	2	0.18	34	610	4	29	0.31	83	< 10	14	50		
198677	205	294	4590	3	0.18	29	530	2	26	0.25	66	< 10	12	40		
198678	205	294	4560	1	0.16	30	660	2	28	0.28	73	< 10	14	50		
198679	205	294	2010	5	0.21	43	760	2	24	0.39	99	10	12	70		
198680	205	294	3050	4	0.19	39	740	2	24	0.33	91	< 10	14	60		

CERTIFICATION: Ivan Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9729916

Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON HOLE # LY97-2

CERTIFICATE A9729916

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD
P.O. # : LY97-2

Samples submitted to our lab in Vancouver, BC.
This report was printed on 16-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	78	Geochem ring to approx 150 mesh
294	78	4-7 Kg crush and split
3202	78	Rock - save entire reject
214	1	Rcvd as pulp; mesh size checked
285	79	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	79	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	79	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	79	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	79	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	79	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	79	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	79	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	79	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	79	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	79	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	79	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	79	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	79	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	79	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	79	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	79	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	79	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	79	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	79	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	79	Pb ppm: 24 element, rock & core	AAS	2	10000
582	79	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	79	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	79	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	79	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	79	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	79	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 16-JUL-97
Invoice No. :I9729916
P.O. Number :LY97-2
Account :BM W

CERTIFICATE OF ANALYSIS A9729916

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)
199151	205	294	25	< 0.2	6.99	970	2.5	< 2	5.69	< 0.5	25	43	567	3.07	3.93	1.81
199152	205	294	15	< 0.2	7.15	830	2.5	< 2	3.78	< 0.5	30	60	824	5.75	5.45	1.19
199153	205	294	20	< 0.2	7.12	810	2.5	< 2	3.26	< 0.5	40	59	809	5.96	5.86	1.55
199154	205	294	30	< 0.2	6.58	1120	1.5	< 2	2.81	< 0.5	65	66	4360	7.03	6.87	1.04
199155	205	294	20	0.6	7.21	1250	1.0	< 2	3.01	< 0.5	55	57	1060	6.44	8.35	1.21
199156	205	294	10	< 0.2	6.83	1210	< 0.5	< 2	2.91	< 0.5	14	66	441	4.31	8.25	1.03
199157	205	294	15	< 0.2	6.93	1250	1.0	2	2.23	< 0.5	39	63	588	5.11	7.22	1.24
199158	205	294	25	0.4	7.03	1180	1.5	< 2	2.76	< 0.5	90	57	124	6.19	7.70	1.59
199159	205	294	10	< 0.2	7.23	810	2.0	< 2	2.99	< 0.5	36	46	220	4.13	6.32	1.84
199160	205	294	10	< 0.2	6.41	970	1.0	< 2	4.56	< 0.5	52	46	1090	5.04	5.21	2.21
199161	205	294	10	< 0.2	5.88	860	1.5	< 2	5.45	< 0.5	22	39	1140	4.78	6.03	2.35
199162	205	294	10	< 0.2	6.81	630	1.5	2	4.29	< 0.5	21	40	718	4.30	6.60	1.70
199163	205	294	15	< 0.2	6.79	820	1.5	< 2	4.05	< 0.5	22	46	1060	4.94	4.73	2.18
199164	205	294	10	0.6	6.83	1150	1.5	< 2	4.91	< 0.5	36	48	1075	5.83	6.43	2.45
199165	205	294	10	< 0.2	7.25	1030	1.5	< 2	3.30	< 0.5	20	54	732	5.83	7.42	2.00
199166	205	294	65	< 0.2	7.29	1340	< 0.5	< 2	2.27	< 0.5	6	63	2490	6.97	7.25	0.92
199167	205	294	40	< 0.2	7.52	1640	< 0.5	< 2	2.18	< 0.5	5	66	893	6.18	7.29	0.96
199168	205	294	20	< 0.2	7.09	1600	< 0.5	< 2	3.45	< 0.5	9	69	430	6.38	6.86	0.75
199169	205	294	10	< 0.2	6.82	1490	< 0.5	< 2	2.65	< 0.5	45	54	301	6.23	5.97	1.76
199170	205	294	20	< 0.2	7.55	1940	0.5	< 2	3.40	< 0.5	9	47	316	4.94	6.68	0.96
199171	205	294	10	< 0.2	7.38	1570	0.5	< 2	2.36	< 0.5	108	62	146	6.49	7.65	2.33
199172	205	294	10	< 0.2	8.05	1380	2.5	< 2	1.65	< 0.5	169	86	1405	7.51	5.84	4.10
199173	205	294	10	< 0.2	7.80	1120	2.0	< 2	2.67	< 0.5	60	63	919	6.74	6.10	2.12
199174	205	294	50	< 0.2	6.93	1420	< 0.5	< 2	3.58	< 0.5	5	68	2470	6.87	7.80	0.88
199175	205	294	20	< 0.2	6.03	950	1.5	< 2	4.41	< 0.5	23	35	546	5.41	4.73	2.00
199176	205	294	5	< 0.2	6.91	940	2.5	< 2	2.48	< 0.5	21	51	62	4.71	4.12	1.86
199177	205	294	35	< 0.2	6.54	1070	1.0	< 2	4.03	< 0.5	11	47	94	4.67	4.71	1.45
199178	205	294	15	< 0.2	6.77	840	1.5	< 2	3.45	< 0.5	16	45	44	4.87	4.17	2.45
199179	205	294	< 5	< 0.2	6.56	870	1.0	< 2	3.32	< 0.5	17	46	70	4.83	4.62	2.27
199180	205	294	< 5	< 0.2	6.76	610	2.0	< 2	3.25	< 0.5	17	45	15	4.83	5.36	2.50
199181	205	294	< 5	< 0.2	6.50	630	2.0	< 2	4.04	< 0.5	16	40	146	4.25	4.92	2.87
199182	205	294	< 5	< 0.2	6.94	780	1.5	< 2	3.05	< 0.5	26	43	134	4.31	6.07	2.35
199183	205	294	< 5	< 0.2	6.58	1010	< 0.5	< 2	1.71	< 0.5	36	65	189	4.93	7.03	2.04
199184	205	294	< 5	< 0.2	6.66	890	1.0	< 2	2.28	< 0.5	25	48	99	4.92	6.33	2.00
199185	205	294	< 5	< 0.2	6.74	1030	1.0	< 2	3.19	< 0.5	24	45	89	5.14	6.96	2.04
199186	205	294	< 5	< 0.2	6.74	1040	1.0	< 2	3.17	< 0.5	23	55	67	4.68	6.91	1.79
199187	205	294	< 5	< 0.2	6.66	810	2.0	< 2	4.14	< 0.5	23	41	95	4.93	5.93	2.57
199188	205	294	< 5	< 0.2	6.25	800	2.0	< 2	3.85	< 0.5	23	42	96	4.25	5.51	2.15
199189	205	294	< 5	< 0.2	6.24	800	1.5	< 2	4.55	< 0.5	22	41	71	4.19	3.98	2.35
199190	205	294	< 5	< 0.2	6.65	750	2.0	< 2	3.95	< 0.5	19	49	196	4.44	5.73	1.79

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 16-JUL-97
Invoice No. : I9729916
P.O. Number : LY97-2
Account : BM W

CERTIFICATE OF ANALYSIS A9729916

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		
199151	205	294	3300	12	0.09	33	600	< 2	36	0.20	72	< 10	8	60		
199152	205	294	2700	12	0.12	34	710	< 2	21	0.14	75	< 10	10	70		
199153	205	294	2890	13	0.15	40	720	< 2	20	0.24	73	< 10	12	50		
199154	205	294	1970	13	0.13	20	830	< 2	16	0.19	77	< 10	10	70		
199155	205	294	1910	9	0.15	40	770	< 2	20	0.21	75	< 10	14	50		
199156	205	294	1395	6	0.16	20	690	< 2	23	0.17	49	< 10	10	30		
199157	205	294	1470	5	0.18	37	840	< 2	18	0.19	67	< 10	12	10		
199158	205	294	1995	6	0.16	26	860	< 2	23	0.20	84	< 10	12	40		
199159	205	294	2310	6	0.19	21	660	< 2	20	0.14	68	< 10	6	60		
199160	205	294	3290	6	0.18	22	640	< 2	23	0.14	60	< 10	8	60		
199161	205	294	3860	8	0.17	25	570	< 2	26	0.09	58	< 10	8	40		
199162	205	294	3040	5	0.19	29	780	< 2	22	0.08	66	< 10	8	30		
199163	205	294	2860	6	0.17	26	710	< 2	20	0.13	69	< 10	8	50		
199164	205	294	2960	10	0.17	20	860	< 2	32	0.15	89	< 10	12	50		
199165	205	294	2210	6	0.17	27	690	< 2	20	0.23	72	< 10	12	60		
199166	205	294	1610	8	0.21	3	670	< 2	17	0.22	69	< 10	8	80		
199167	205	294	1370	9	0.19	3	700	< 2	18	0.24	76	< 10	10	120		
199168	205	294	1245	7	0.20	9	580	8	19	0.23	74	< 10	10	120		
199169	205	294	1150	4	0.20	50	570	< 2	18	0.20	72	< 10	16	50		
199170	205	294	1105	5	0.18	14	590	< 2	22	0.24	68	< 10	8	60		
199171	205	294	880	5	0.23	76	660	< 2	19	0.19	83	< 10	24	40		
199172	205	294	1270	6	0.26	127	840	< 2	19	0.21	102	< 10	46	90		
199173	205	294	700	6	0.83	62	590	< 2	24	0.18	68	< 10	20	80		
199174	205	294	1445	18	0.22	6	670	< 2	21	0.24	79	< 10	8	60		
199175	205	294	2830	7	0.14	20	590	< 2	23	0.19	59	< 10	10	50		
199176	205	294	1400	6	0.16	34	730	< 2	18	0.22	73	< 10	6	60		
199177	205	294	1645	6	0.16	12	750	< 2	26	0.17	74	< 10	4	50		
199178	205	294	2100	4	0.19	25	720	< 2	21	0.22	81	< 10	6	50		
199179	205	294	2340	4	0.23	26	730	< 2	26	0.17	71	< 10	6	60		
199180	205	294	2140	4	0.23	28	730	< 2	21	0.20	84	< 10	6	50		
199181	205	294	2530	4	0.18	25	660	< 2	24	0.21	73	< 10	6	40		
199182	205	294	1775	4	0.24	36	700	< 2	21	0.18	74	< 10	8	40		
199183	205	294	1235	3	0.22	51	770	< 2	24	0.13	66	< 10	14	130		
199184	205	294	1635	5	0.22	35	730	< 2	20	0.16	81	< 10	10	20		
199185	205	294	1690	5	0.20	32	730	< 2	27	0.15	71	< 10	8	40		
199186	205	294	1535	4	0.22	31	720	< 2	24	0.15	70	< 10	8	50		
199187	205	294	2250	6	0.19	28	700	< 2	25	0.21	71	< 10	6	40		
199188	205	294	1760	5	0.16	30	650	< 2	25	0.18	75	< 10	8	40		
199189	205	294	2150	4	0.18	29	660	< 2	29	0.19	71	< 10	8	30		
199190	205	294	1435	3	0.19	25	650	< 2	27	0.19	79	< 10	6	40		

CERTIFICATION: ____________

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 16-JUL-97
Invoice No. :I9729916
P.O. Number :LY97-2
Account :BM W

CERTIFICATE OF ANALYSIS A9729916

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)
199191	205	294	< 5	< 0.2	6.03	1450	2.0	< 2	4.87	< 0.5	20	44	81	4.24	5.37	2.41
199192	205	294	< 5	0.6	6.51	1620	2.0	< 2	4.74	< 0.5	58	1710	166	4.85	5.19	2.46
199193	205	294	< 5	< 0.2	6.18	730	2.5	< 2	4.79	< 0.5	24	41	63	3.87	4.43	2.01
199194	205	294	< 5	< 0.2	6.43	680	2.0	< 2	5.80	< 0.5	27	44	30	4.05	4.68	2.07
199195	205	294	< 5	< 0.2	7.89	850	3.0	< 2	3.81	< 0.5	26	63	21	4.32	5.58	1.94
199196	205	294	< 5	< 0.2	7.41	740	3.0	< 2	4.37	< 0.5	16	50	21	4.83	5.33	1.49
199197	205	294	< 5	< 0.2	6.82	700	2.5	< 2	4.63	< 0.5	18	54	61	4.50	5.13	1.57
199198	205	294	< 5	< 0.2	6.96	1120	1.0	< 2	3.84	< 0.5	33	59	39	5.42	6.77	1.74
199199	205	294	< 5	< 0.2	6.79	1520	< 0.5	< 2	4.10	< 0.5	14	53	30	3.82	8.13	1.04
199200	205	294	< 5	< 0.2	7.54	1920	0.5	< 2	2.33	< 0.5	38	64	30	3.44	6.84	2.50
199201	214	285	430	1.6	3.08	2690	< 0.5	< 2	0.35	1.5	4	71	119	1.25	0.98	0.17
199202	205	294	190	< 0.2	6.92	2880	< 0.5	< 2	4.14	< 0.5	18	49	139	5.63	9.11	1.24
199203	205	294	20	< 0.2	6.60	4120	0.5	< 2	4.82	< 0.5	8	53	177	5.86	8.89	0.72
199204	205	294	5	< 0.2	6.70	4130	< 0.5	< 2	4.23	< 0.5	12	46	122	6.59	6.64	0.87
199205	205	294	25	< 0.2	6.66	2270	< 0.5	< 2	3.97	< 0.5	24	47	156	6.25	6.48	1.16
199206	205	294	15	< 0.2	6.31	2210	< 0.5	2	4.95	< 0.5	14	45	14	5.75	6.61	0.80
199207	205	294	10	< 0.2	6.72	2330	< 0.5	2	5.49	< 0.5	14	45	17	5.88	6.44	0.88
199208	205	294	5	< 0.2	6.22	1930	< 0.5	2	3.97	< 0.5	26	37	20	4.75	5.45	1.39
199209	205	294	15	< 0.2	6.40	1020	1.0	< 2	4.17	< 0.5	51	43	27	4.79	4.62	2.06
199210	205	294	10	< 0.2	6.62	1580	< 0.5	< 2	3.86	< 0.5	39	45	18	4.77	5.35	1.81
199211	205	294	< 5	< 0.2	6.67	770	3.0	< 2	6.11	< 0.5	28	38	15	4.83	3.70	2.19
199212	205	294	< 5	< 0.2	7.39	730	3.0	2	5.40	< 0.5	24	44	1	4.50	3.83	2.05
199213	205	294	< 5	< 0.2	7.17	830	3.0	< 2	5.65	< 0.5	27	43	< 1	4.18	3.28	2.00
199214	205	294	< 5	< 0.2	6.90	720	2.5	2	6.52	< 0.5	25	39	< 1	4.09	3.29	1.97
199215	205	294	< 5	< 0.2	6.98	790	2.5	< 2	5.29	< 0.5	18	38	3	3.89	3.13	1.64
199216	205	294	< 5	< 0.2	6.71	660	3.0	< 2	5.96	< 0.5	16	37	< 1	4.13	2.33	1.64
199217	205	294	< 5	< 0.2	6.85	830	2.0	< 2	5.39	< 0.5	21	38	< 1	4.02	4.38	2.28
199218	205	294	< 5	< 0.2	6.60	1270	2.5	2	6.44	< 0.5	22	36	3	4.23	3.37	1.91
199219	205	294	< 5	< 0.2	6.75	820	2.0	< 2	7.34	< 0.5	26	38	4	4.41	5.51	2.02
199220	205	294	< 5	< 0.2	7.02	640	2.5	< 2	6.28	< 0.5	24	39	1	4.51	5.22	1.88
199221	205	294	< 5	< 0.2	6.62	750	2.0	< 2	6.78	< 0.5	22	36	4	4.58	5.05	1.96
199222	205	294	< 5	< 0.2	6.17	1090	1.5	< 2	5.74	< 0.5	20	32	< 1	3.32	3.76	2.20
199223	205	294	< 5	< 0.2	6.33	840	2.0	< 2	6.27	< 0.5	18	31	1	3.56	3.96	1.93
199224	205	294	< 5	< 0.2	6.92	790	2.0	< 2	5.93	< 0.5	24	41	3	4.01	3.37	2.06
199225	205	294	< 5	< 0.2	5.89	910	1.5	< 2	6.72	< 0.5	20	27	< 1	3.67	3.18	1.80
199226	205	294	< 5	< 0.2	7.07	830	2.5	< 2	5.89	< 0.5	20	40	< 1	4.38	3.97	2.00
199227	205	294	< 5	< 0.2	7.08	840	2.5	< 2	6.65	< 0.5	19	36	< 1	3.84	3.07	1.70
199228	205	294	< 5	< 0.2	7.07	790	2.0	< 2	6.88	< 0.5	20	36	< 1	3.86	4.79	1.80
199229	205	294	< 5	< 0.2	6.40	710	2.0	< 2	6.17	< 0.5	18	39	< 1	3.75	2.78	1.70

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 16-JUL-97
Invoice No. : I9729916
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Account : BM W

CERTIFICATE OF ANALYSIS A9729916

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		
199191	205	294	2120	3	0.19	26	660	< 2	46	0.18	63	< 10	24	40		
199192	205	294	2120	1	0.21	1730	650	10	42	0.21	69	10	18	40		
199193	205	294	1625	4	0.15	33	610	< 2	33	0.22	65	< 10	12	30		
199194	205	294	1895	3	0.19	37	630	< 2	37	0.25	68	< 10	12	40		
199195	205	294	1300	4	0.21	33	640	< 2	30	0.27	88	< 10	12	20		
199196	205	294	1215	4	0.16	23	710	< 2	29	0.27	83	< 10	8	10		
199197	205	294	1300	5	0.17	21	650	< 2	26	0.24	74	< 10	8	20		
199198	205	294	745	6	0.24	35	710	< 2	26	0.21	102	20	12	40		
199199	205	294	715	4	0.23	24	610	< 2	33	0.20	72	10	10	90		
199200	205	294	515	3	0.25	62	750	< 2	33	0.27	80	10	16	160		
199201	214	285	20	97	0.06	38	1480	264	143	0.18	557	10	42	50		
199202	205	294	1080	4	0.20	28	740	< 2	54	0.21	84	10	16	50		
199203	205	294	990	4	0.19	13	750	< 2	78	0.21	85	< 10	12	30		
199204	205	294	815	7	0.18	19	700	< 2	60	0.23	79	< 10	10	120		
199205	205	294	765	7	0.18	33	790	< 2	34	0.22	88	10	16	120		
199206	205	294	795	6	0.19	18	660	< 2	36	0.22	78	< 10	12	110		
199207	205	294	905	7	0.19	21	710	< 2	39	0.23	84	10	12	110		
199208	205	294	635	5	0.18	32	650	< 2	31	0.18	64	< 10	16	100		
199209	205	294	1150	6	0.16	26	610	< 2	26	0.24	64	10	22	110		
199210	205	294	735	8	0.17	36	700	< 2	30	0.21	74	< 10	24	80		
199211	205	294	2070	4	0.16	28	660	< 2	36	0.30	71	< 10	14	80		
199212	205	294	1665	3	0.17	27	610	< 2	34	0.32	80	< 10	14	50		
199213	205	294	1690	4	0.16	30	650	< 2	40	0.34	78	< 10	14	70		
199214	205	294	2080	5	0.14	27	630	< 2	41	0.30	73	< 10	12	70		
199215	205	294	1685	4	0.13	23	640	< 2	38	0.31	75	< 10	12	20		
199216	205	294	1885	5	0.14	23	570	< 2	41	0.31	77	< 10	12	20		
199217	205	294	2320	4	0.35	25	570	< 2	38	0.30	76	< 10	12	60		
199218	205	294	2100	5	0.32	28	590	< 2	52	0.28	70	< 10	12	50		
199219	205	294	2260	5	0.16	28	540	< 2	44	0.29	70	< 10	12	70		
199220	205	294	1860	3	0.17	29	560	< 2	40	0.30	80	< 10	12	60		
199221	205	294	2110	3	0.16	25	560	< 2	35	0.28	74	< 10	12	50		
199222	205	294	2420	4	0.16	23	540	< 2	37	0.24	60	< 10	10	50		
199223	205	294	2200	4	0.16	22	520	< 2	34	0.27	64	< 10	10	50		
199224	205	294	1985	3	0.33	29	620	< 2	37	0.29	76	< 10	12	70		
199225	205	294	2120	5	0.35	24	530	< 2	42	0.24	60	< 10	10	40		
199226	205	294	2010	4	0.39	27	640	< 2	41	0.31	78	< 10	12	40		
199227	205	294	1895	3	0.39	28	550	< 2	44	0.28	70	< 10	10	50		
199228	205	294	2080	4	0.29	27	570	< 2	43	0.28	70	10	10	40		
199229	205	294	2010	5	0.28	23	510	< 2	33	0.25	64	< 10	10	40		

CERTIFICATION: Stewart Bridden

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9729918

Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON HOLE # LY97-3

CERTIFICATE A9729918

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD
P.O. # : LY97-3

Samples submitted to our lab in Vancouver, BC.
This report was printed on 6-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	52	Geochem ring to approx 150 mesh
294	52	4-7 Kg crush and split
3202	52	Rock - save entire reject
214	1	Rcvd as pulp; mesh size checked
285	53	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	53	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	53	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	53	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	53	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	53	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	53	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	53	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	53	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	53	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	53	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	53	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	53	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	53	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	53	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	53	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	53	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	53	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	53	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	53	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	53	Pb ppm: 24 element, rock & core	AAS	2	10000
582	53	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	53	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	53	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	53	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	53	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	53	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
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 06-JUL-97
Invoice No. :I9729918
P.O. Number :LY97-3
Account :BM W

CERTIFICATE OF ANALYSIS A9729918

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)
200451	205 294	20	< 0.2	7.94	630	2.5	< 2	3.17	< 0.5	14	70	4	4.71	6.14	2.16
200452	205 294	15	< 0.2	7.92	640	2.5	< 2	3.02	< 0.5	14	67	4	4.94	6.12	2.07
200453	205 294	20	< 0.2	6.43	540	1.5	< 2	4.66	< 0.5	15	38	4	5.84	5.52	2.53
200454	205 294	10	< 0.2	6.54	340	1.5	< 2	3.19	< 0.5	13	53	9	5.89	5.07	1.93
200455	205 294	60	< 0.2	6.84	350	2.0	< 2	3.80	< 0.5	13	45	5	6.04	5.07	2.26
200456	205 294	20	< 0.2	6.54	340	1.5	< 2	4.39	< 0.5	16	42	4	6.67	4.90	2.48
200457	205 294	< 5	< 0.2	8.40	300	2.5	< 2	3.94	< 0.5	17	54	11	6.17	5.58	2.58
200458	205 294	50	< 0.2	7.83	430	2.0	2	4.86	< 0.5	18	55	128	5.93	5.19	2.78
200459	205 294	35	< 0.2	7.17	960	2.0	2	4.53	< 0.5	27	71	2350	5.85	5.85	2.45
200460	205 294	< 5	< 0.2	8.03	210	3.0	2	2.58	< 0.5	14	98	13	5.34	5.05	1.87
200461	205 294	< 5	< 0.2	6.81	440	2.0	< 2	4.66	< 0.5	18	47	16	5.17	5.50	2.53
200462	205 294	15	< 0.2	6.73	1520	1.5	< 2	5.17	< 0.5	19	42	30	5.74	5.92	2.63
200463	205 294	20	< 0.2	7.31	900	1.5	< 2	3.98	< 0.5	21	58	27	5.51	7.03	2.11
200464	205 294	< 5	< 0.2	7.31	850	1.5	< 2	3.88	< 0.5	11	47	11	7.07	7.01	2.10
200465	205 294	10	< 0.2	6.47	410	0.5	< 2	4.60	< 0.5	14	32	14	7.50	5.47	2.06
200466	205 294	< 5	< 0.2	8.42	370	2.0	< 2	2.80	< 0.5	12	69	15	5.80	6.12	1.91
200467	205 294	10	< 0.2	6.60	400	1.0	< 2	4.83	< 0.5	13	49	7	6.64	5.97	2.47
200468	205 294	< 5	< 0.2	7.47	380	2.5	< 2	3.30	< 0.5	13	90	4	5.39	4.72	2.23
200469	205 294	< 5	< 0.2	6.95	180	2.5	< 2	5.36	< 0.5	17	60	6	4.82	4.34	3.07
200470	205 294	10	< 0.2	7.43	200	2.5	< 2	3.41	< 0.5	14	77	3	4.71	4.74	2.26
200471	205 294	10	< 0.2	7.51	470	1.5	< 2	4.00	< 0.5	13	49	21	5.38	5.17	2.31
200472	205 294	30	< 0.2	7.63	500	2.0	< 2	3.98	< 0.5	19	53	109	5.27	5.20	2.54
200473	205 294	10	< 0.2	7.43	300	2.5	< 2	4.41	< 0.5	17	47	24	5.44	3.19	2.79
200474	205 294	< 5	< 0.2	7.61	300	2.5	< 2	4.22	< 0.5	17	48	6	4.79	5.34	2.69
200475	205 294	25	< 0.2	7.40	280	2.5	< 2	4.23	< 0.5	18	53	60	4.93	5.05	2.61
200476	205 294	< 5	< 0.2	7.18	320	2.5	< 2	4.04	< 0.5	17	57	14	4.79	5.05	2.55
200477	205 294	< 5	< 0.2	7.85	250	3.0	< 2	2.93	< 0.5	16	73	14	4.93	5.26	2.13
200478	205 294	< 5	< 0.2	7.99	390	3.0	< 2	4.07	< 0.5	19	51	66	4.95	5.38	2.72
200479	205 294	< 5	< 0.2	6.25	320	2.0	< 2	4.55	< 0.5	18	39	26	4.90	4.31	2.71
200480	205 294	< 5	< 0.2	6.81	380	2.5	< 2	3.75	< 0.5	16	44	9	5.39	4.71	2.44
200481	205 294	10	< 0.2	7.87	340	2.5	< 2	3.68	< 0.5	17	46	5	5.61	5.39	2.47
200482	205 294	< 5	< 0.2	7.66	260	3.0	< 2	3.33	< 0.5	17	63	25	5.69	5.19	2.30
200483	205 294	< 5	< 0.2	7.12	230	2.5	< 2	4.11	< 0.5	18	46	10	6.11	4.79	2.60
200484	205 294	< 5	< 0.2	7.65	250	3.0	< 2	3.11	< 0.5	17	56	4	5.98	5.15	2.20
200485	205 294	10	< 0.2	7.41	310	2.5	< 2	2.73	< 0.5	15	63	5	5.45	5.20	1.96
200486	214 285	285	< 0.2	7.25	1540	2.5	< 2	5.19	0.5	9	61	40	2.49	2.78	1.77
200487	205 294	10	< 0.2	7.40	660	1.5	< 2	3.49	< 0.5	13	62	55	5.64	6.51	2.14
200488	205 294	10	< 0.2	6.62	1420	1.5	4	2.81	< 0.5	32	53	861	4.92	4.44	2.15
200489	205 294	20	< 0.2	6.22	1430	1.0	6	3.70	< 0.5	44	40	674	6.67	5.83	2.71
200490	205 294	45	< 0.2	6.17	4330	0.5	8	3.57	< 0.5	64	44	3860	8.51	5.94	2.31

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Page Number : 1-B
Total Pages : 2
Certificate Date: 06-JUL-97
Invoice No. : I9729918
P.O. Number : LY97-3
Account : BM W

CERTIFICATE OF ANALYSIS A9729918

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		
200451	205 294	2570	10	0.11	32	750	< 2	21	0.24	83	< 10	8	90		
200452	205 294	2440	6	0.13	31	750	< 2	22	0.24	79	< 10	8	90		
200453	205 294	3850	6	0.12	21	660	< 2	26	0.23	62	10	10	70		
200454	205 294	2590	8	0.10	25	700	< 2	20	0.21	63	< 10	8	90		
200455	205 294	3120	8	0.13	25	680	< 2	22	0.23	69	< 10	10	80		
200456	205 294	3530	8	0.11	28	770	< 2	24	0.25	95	10	10	70		
200457	205 294	3310	4	0.16	37	670	< 2	21	0.26	87	< 10	10	90		
200458	205 294	3800	13	0.12	34	680	< 2	29	0.24	85	< 10	14	80		
200459	205 294	3850	23	0.17	31	740	< 2	33	0.20	90	< 10	16	90		
200460	205 294	1795	8	0.11	39	770	< 2	16	0.22	93	< 10	10	130		
200461	205 294	3120	15	0.13	29	690	< 2	30	0.20	82	10	10	90		
200462	205 294	3350	18	0.13	24	680	< 2	43	0.21	72	10	16	70		
200463	205 294	3130	19	0.14	20	670	< 2	28	0.24	74	< 10	10	100		
200464	205 294	2360	7	0.14	22	800	< 2	28	0.22	86	< 10	10	80		
200465	205 294	2840	11	0.10	17	1080	< 2	27	0.15	82	< 10	12	70		
200466	205 294	1585	7	0.13	36	740	< 2	17	0.22	88	< 10	12	100		
200467	205 294	3290	7	0.11	22	820	< 2	25	0.21	85	< 10	10	130		
200468	205 294	2280	5	0.12	39	730	< 2	21	0.17	84	< 10	10	80		
200469	205 294	3840	4	0.12	37	640	< 2	29	0.14	66	< 10	10	70		
200470	205 294	2430	8	0.12	40	670	< 2	21	0.15	69	< 10	10	70		
200471	205 294	2730	8	0.14	30	720	< 2	24	0.19	72	< 10	8	70		
200472	205 294	2670	8	0.12	38	810	< 2	27	0.18	85	< 10	10	80		
200473	205 294	2960	6	0.13	41	750	< 2	28	0.16	87	< 10	12	80		
200474	205 294	2790	4	0.11	38	730	< 2	26	0.18	74	< 10	10	80		
200475	205 294	3010	7	0.12	38	630	< 2	23	0.16	70	< 10	8	60		
200476	205 294	2870	6	0.10	34	650	< 2	23	0.15	67	< 10	10	60		
200477	205 294	2030	5	0.12	39	680	< 2	19	0.16	74	< 10	8	70		
200478	205 294	2960	9	0.12	40	670	< 2	26	0.17	76	< 10	10	70		
200479	205 294	3320	5	0.10	30	560	< 2	28	0.15	55	< 10	8	60		
200480	205 294	2600	5	0.11	34	630	< 2	25	0.17	65	< 10	10	60		
200481	205 294	2480	6	0.11	38	680	< 2	24	0.20	75	< 10	10	60		
200482	205 294	2240	7	0.13	39	680	< 2	22	0.20	72	< 10	10	70		
200483	205 294	2760	5	0.11	37	630	< 2	23	0.19	68	10	10	60		
200484	205 294	2130	5	0.09	40	680	< 2	20	0.21	69	< 10	10	70		
200485	205 294	1870	6	0.11	34	670	< 2	19	0.20	66	< 10	8	80		
200486	214 285	450	7	1.02	58	1020	12	261	0.36	230	40	186	40		
200487	205 294	2380	6	0.11	25	670	< 2	26	0.23	70	< 10	8	60		
200488	205 294	3110	5	0.09	38	830	< 2	33	0.44	177	10	8	50		
200489	205 294	3590	12	0.05	61	860	< 2	36	0.61	233	< 10	8	40		
200490	205 294	4270	20	0.11	66	860	< 2	71	0.32	189	< 10	14	40		

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 06-JUL-97
Invoice No. : I9729918
P.O. Number : LY97-3
Account : BM W

CERTIFICATE OF ANALYSIS A9729918

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)
200491	205	294	20	< 0.2	7.09	960	2.5	< 2	3.17	< 0.5	20	49	206	5.83	5.24	2.17
200492	205	294	25	< 0.2	6.77	1710	2.0	2	3.96	< 0.5	20	57	1010	6.52	4.52	2.32
200493	205	294	10	< 0.2	6.69	600	2.5	< 2	3.97	< 0.5	27	42	320	5.65	4.83	2.49
200494	205	294	< 5	< 0.2	7.16	500	2.5	< 2	3.63	< 0.5	24	43	189	5.45	5.00	2.55
200495	205	294	10	< 0.2	7.03	570	2.5	< 2	4.04	< 0.5	25	54	164	5.36	4.88	2.73
200496	205	294	30	< 0.2	6.80	430	2.5	< 2	4.54	< 0.5	26	40	240	5.15	4.73	2.92
200497	205	294	30	< 0.2	7.31	470	2.5	< 2	4.06	< 0.5	30	44	264	5.71	5.10	2.75
200498	205	294	5	< 0.2	7.46	940	3.0	< 2	3.01	< 0.5	26	45	42	5.25	5.20	2.31
200499	205	294	20	< 0.2	6.85	1150	2.5	2	3.64	< 0.5	28	51	357	5.50	5.02	2.54
200500	205	294	< 5	< 0.2	6.63	1040	2.0	2	4.09	< 0.5	27	48	83	4.97	4.74	2.75
200501	205	294	< 5	< 0.2	6.70	1110	2.0	< 2	4.11	< 0.5	25	41	55	5.02	3.60	2.69
200502	205	294	10	< 0.2	6.74	990	2.0	< 2	4.23	< 0.5	24	38	41	4.88	4.72	2.79
200503	205	294	25	< 0.2	6.22	1280	2.0	< 2	4.25	< 0.5	24	38	113	4.81	4.43	2.73

CERTIFICATION: Ishan Bahl

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
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Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 06-JUL-97
Invoice No. : I9729918
P.O. Number : LY97-3
Account : BM W

CERTIFICATE OF ANALYSIS A9729918

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		
200491	205	294	2830	12	0.11	36	710	< 2	29	0.22	75	< 10	12	60		
200492	205	294	3560	14	0.12	32	1010	< 2	46	0.18	113	10	10	50		
200493	205	294	4160	8	0.09	30	620	< 2	31	0.22	63	< 10	10	50		
200494	205	294	3110	9	0.09	34	640	< 2	26	0.27	67	< 10	10	50		
200495	205	294	3220	8	0.05	30	630	< 2	33	0.25	66	< 10	14	50		
200496	205	294	3720	21	0.08	30	620	< 2	31	0.26	62	< 10	10	50		
200497	205	294	3390	15	0.08	33	660	< 2	28	0.27	69	< 10	12	50		
200498	205	294	2420	8	0.08	33	670	< 2	28	0.27	70	< 10	10	50		
200499	205	294	3330	11	0.10	31	650	< 2	36	0.25	65	< 10	12	50		
200500	205	294	3380	6	0.09	29	640	< 2	31	0.25	59	< 10	10	30		
200501	205	294	3320	15	0.08	29	640	< 2	32	0.26	60	< 10	10	40		
200502	205	294	3230	10	0.09	27	640	< 2	31	0.26	60	10	10	50		
200503	205	294	3450	41	0.08	27	640	< 2	37	0.25	55	< 10	12	30		

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9729920

Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON HOLE # LY97-4

CERTIFICATE A9729920

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD
P.O. # : LY97-4

Samples submitted to our lab in Vancouver, BC.
This report was printed on 6-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	38	Geochem ring to approx 150 mesh
294	38	4-7 Kg crush and split
3202	38	Rock - save entire reject
214	1	Rcvd as pulp; mesh size checked
285	39	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	39	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	39	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	39	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	39	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	39	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	39	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	39	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	39	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	39	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	39	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	39	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	39	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	39	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	39	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	39	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	39	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	39	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	39	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	39	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	39	Pb ppm: 24 element, rock & core	AAS	2	10000
582	39	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	39	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	39	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	39	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	39	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	39	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 06-JUL-97
Invoice No. : I9729920
P.O. Number : LY97-4
Account : BM W

CERTIFICATE OF ANALYSIS A9729920

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)
198701	205	294	10	< 0.2	6.92	1770	1.5	< 2	4.23	< 0.5	24	59	4	4.64	6.09	2.31
198702	205	294	10	< 0.2	7.24	1030	2.5	2	3.06	< 0.5	25	67	69	5.12	5.39	2.16
198703	205	294	15	< 0.2	7.32	2540	2.5	2	3.10	< 0.5	24	60	186	5.03	5.04	2.10
198704	205	294	15	< 0.2	7.66	690	3.0	< 2	2.71	< 0.5	22	56	5	5.52	5.48	1.91
198705	205	294	< 5	< 0.2	7.44	730	2.0	< 2	3.23	< 0.5	18	43	3	4.63	6.22	2.06
198706	205	294	< 5	< 0.2	6.96	2430	< 0.5	< 2	5.15	< 0.5	16	52	6	4.19	6.26	2.62
198707	205	294	< 5	< 0.2	7.32	1890	0.5	2	4.21	< 0.5	15	38	36	4.36	6.25	2.19
198708	205	294	< 5	< 0.2	7.84	2110	0.5	< 2	3.47	< 0.5	13	42	23	4.39	8.75	1.89
198709	205	294	< 5	< 0.2	6.39	3530	< 0.5	< 2	5.59	< 0.5	15	46	27	4.40	7.70	2.62
198710	205	294	< 5	< 0.2	8.13	780	1.5	< 2	2.81	< 0.5	16	59	79	4.38	7.10	1.80
198711	205	294	< 5	< 0.2	8.10	1230	1.5	< 2	3.16	< 0.5	17	48	32	4.56	7.08	1.97
198712	205	294	< 5	< 0.2	7.80	650	2.5	< 2	3.17	< 0.5	24	47	3	5.19	5.31	2.10
198713	205	294	< 5	< 0.2	6.91	550	2.0	< 2	4.69	< 0.5	28	31	3	4.55	4.72	2.71
198714	205	294	< 5	< 0.2	6.88	690	2.0	< 2	5.17	< 0.5	29	43	3	5.07	4.51	2.93
198715	205	294	< 5	< 0.2	6.70	2730	2.0	2	5.25	< 0.5	29	38	1	4.87	4.36	2.95
198716	205	294	< 5	< 0.2	7.06	940	2.0	2	5.12	< 0.5	29	35	2	5.01	4.58	2.86
198717	205	294	< 5	< 0.2	7.34	1200	2.0	< 2	3.85	< 0.5	26	51	8	5.10	4.78	2.04
198718	205	294	< 5	< 0.2	8.12	2220	2.5	< 2	2.88	< 0.5	23	45	14	4.89	5.54	1.55
198719	205	294	< 5	< 0.2	7.39	1330	2.5	2	4.20	< 0.5	27	40	5	4.97	5.08	2.24
198720	205	294	< 5	< 0.2	7.52	2230	2.0	< 2	4.65	< 0.5	28	37	9	5.04	5.91	2.66
198721	205	294	< 5	< 0.2	7.71	730	2.5	< 2	3.17	< 0.5	27	62	4	4.73	4.87	1.95
198722	205	294	5	< 0.2	7.34	1170	2.0	< 2	3.28	< 0.5	26	43	13	4.81	5.36	2.05
198723	205	294	< 5	< 0.2	7.00	1220	1.5	2	3.93	< 0.5	19	45	22	5.96	7.04	2.11
198724	205	294	10	< 0.2	6.59	1670	0.5	< 2	3.62	< 0.5	16	42	25	6.84	7.47	1.77
198725	205	294	< 5	< 0.2	6.00	3130	0.5	< 2	5.31	< 0.5	21	35	36	6.60	7.09	2.44
198726	205	294	< 5	< 0.2	6.01	2490	0.5	< 2	4.91	< 0.5	19	41	44	7.19	7.01	1.92
198727	205	294	< 5	< 0.2	7.05	1800	0.5	< 2	3.77	< 0.5	17	51	2	6.01	7.19	1.95
198728	205	294	10	< 0.2	7.51	1310	2.5	< 2	3.73	< 0.5	27	42	10	5.21	6.44	2.11
198729	205	294	< 5	< 0.2	7.39	510	3.0	< 2	3.55	< 0.5	31	66	148	5.14	5.29	2.37
198730	205	294	< 5	< 0.2	7.41	540	3.0	< 2	3.64	< 0.5	31	40	224	5.33	5.27	2.19
198731	205	294	10	< 0.2	7.14	4230	2.5	< 2	4.24	< 0.5	31	42	233	5.82	5.87	2.26
198732	205	294	10	< 0.2	7.15	1370	2.5	< 2	3.69	< 0.5	30	38	31	5.36	5.25	2.13
198733	205	294	10	< 0.2	7.36	4450	3.0	< 2	3.36	< 0.5	31	44	134	5.26	5.12	2.17
198734	205	294	< 5	< 0.2	7.75	4600	3.0	4	1.99	< 0.5	25	58	196	5.49	5.49	1.54
198735	205	294	25	< 0.2	7.99	3040	3.0	2	2.42	< 0.5	29	57	544	5.88	5.54	1.77
198736	205	294	15	< 0.2	6.54	4100	1.5	< 2	3.90	< 0.5	26	37	84	5.00	5.63	2.20
198737	205	294	10	< 0.2	7.05	2770	2.0	< 2	3.69	< 0.5	25	39	45	5.32	5.53	2.05
198738	214	285	295	< 0.2	6.40	1410	2.0	2	4.40	0.5	8	58	35	2.19	2.50	1.49
198739	205	294	25	< 0.2	7.23	2040	2.0	< 2	4.56	< 0.5	27	35	3	4.52	4.94	2.30

CERTIFICATION: Ian Buchles

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Page Number : 1-B
Total Pages : 1
Certificate Date: 06-JUL-97
Invoice No. : I9729920
P.O. Number : LY97-4
Account : BM W

CERTIFICATE OF ANALYSIS A9729920

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		
198701	205	294	2670	3	0.08	26	660	< 2	42	0.24	61	< 10	10	50		
198702	205	294	2150	4	0.08	29	700	< 2	31	0.29	69	< 10	10	60		
198703	205	294	2160	5	0.10	30	680	< 2	47	0.28	68	< 10	10	60		
198704	205	294	1825	5	0.09	32	720	< 2	29	0.29	73	< 10	10	60		
198705	205	294	2150	4	0.11	30	680	< 2	26	0.23	66	< 10	8	50		
198706	205	294	3500	2	0.16	19	620	< 2	53	0.14	58	< 10	8	50		
198707	205	294	3070	4	0.14	23	660	< 2	41	0.15	64	< 10	8	50		
198708	205	294	2390	4	0.15	23	700	< 2	37	0.17	76	< 10	8	40		
198709	205	294	3970	4	0.15	17	590	< 2	68	0.12	52	< 10	8	40		
198710	205	294	2280	3	0.12	32	720	< 2	21	0.19	88	< 10	8	60		
198711	205	294	2840	5	0.09	29	700	< 2	30	0.17	79	< 10	8	80		
198712	205	294	3680	4	0.06	37	740	< 2	27	0.21	77	< 10	10	50		
198713	205	294	5800	3	0.05	29	640	< 2	32	0.19	64	< 10	8	50		
198714	205	294	6240	4	0.06	29	620	< 2	35	0.19	69	< 10	10	50		
198715	205	294	6410	4	0.10	27	630	< 2	64	0.19	66	< 10	10	40		
198716	205	294	6230	3	0.08	29	670	< 2	39	0.19	67	< 10	10	50		
198717	205	294	4410	7	0.07	34	690	< 2	44	0.20	71	< 10	10	50		
198718	205	294	3300	6	0.09	37	760	< 2	53	0.22	78	< 10	10	50		
198719	205	294	4620	5	0.05	34	690	< 2	44	0.17	70	< 10	10	50		
198720	205	294	4790	6	0.05	33	720	< 2	53	0.18	75	< 10	10	50		
198721	205	294	3360	4	0.10	37	730	< 2	29	0.23	74	< 10	22	60		
198722	205	294	3800	4	0.08	33	680	< 2	30	0.18	72	< 10	10	50		
198723	205	294	2960	5	0.13	21	640	< 2	33	0.23	67	< 10	10	50		
198724	205	294	2830	6	0.12	12	640	< 2	36	0.21	67	< 10	8	50		
198725	205	294	4170	6	0.12	12	590	< 2	70	0.19	60	< 10	10	40		
198726	205	294	3950	9	0.11	13	610	< 2	62	0.19	65	< 10	10	30		
198727	205	294	2850	4	0.13	16	670	< 2	35	0.21	70	< 10	10	50		
198728	205	294	3070	4	0.10	31	690	< 2	42	0.25	76	< 10	10	60		
198729	205	294	3190	4	0.09	37	680	< 2	29	0.27	76	< 10	14	60		
198730	205	294	3200	5	0.10	38	690	< 2	34	0.27	76	< 10	12	60		
198731	205	294	3850	5	0.09	33	720	< 2	81	0.26	77	< 10	10	60		
198732	205	294	3510	6	0.09	34	710	< 2	48	0.26	73	< 10	10	60		
198733	205	294	3720	4	0.09	35	630	< 2	85	0.26	72	< 10	10	60		
198734	205	294	2160	4	0.08	36	690	< 2	73	0.29	75	< 10	10	60		
198735	205	294	2610	5	0.11	36	710	< 2	56	0.29	79	< 10	10	60		
198736	205	294	4390	12	0.09	24	600	< 2	75	0.23	60	< 10	8	40		
198737	205	294	4480	7	0.10	30	650	< 2	55	0.22	71	< 10	8	50		
198738	214	285	415	7	0.90	48	930	16	232	0.29	214	40	160	40		
198739	205	294	5710	16	0.13	34	660	< 2	51	0.14	77	< 10	8	60		

CERTIFICATION: Ian Bachlet

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9729917

Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON HOLE # LY97-5

CERTIFICATE A9729917

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD
P.O. # : LY97-5

Samples submitted to our lab in Vancouver, BC.
This report was printed on 6-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	38	Geochem ring to approx 150 mesh
294	38	4-7 Kg crush and split
3202	38	Rock - save entire reject
214	1	Rcvd as pulp; mesh size checked
285	39	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	39	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	39	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	39	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	39	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	39	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	39	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	39	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	39	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	39	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	39	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	39	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	39	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	39	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	39	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	39	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	39	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	39	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	39	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	39	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	39	Pb ppm: 24 element, rock & core	AAS	2	10000
582	39	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	39	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	39	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	39	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	39	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	39	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Page Number : 1-A
Total Pages : 1
Certificate Date: 06-JUL-97
Invoice No. : I9729917
P.O. Number : LY97-5
Account : BM W

CERTIFICATE OF ANALYSIS A9729917

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)
199251	205 294	< 5	< 0.2	0.09	10	< 0.5	< 2	22.7	< 0.5	< 1	2	5	1.50	0.03	14.60
199252	205 294	< 5	< 0.2	0.20	20	< 0.5	< 2	19.95	< 0.5	< 1	1	3	1.53	0.07	12.75
199253	205 294	< 5	< 0.2	0.06	< 10	< 0.5	< 2	20.2	< 0.5	< 1	1	2	1.56	0.02	12.85
199254	205 294	< 5	< 0.2	0.25	20	< 0.5	< 2	19.65	< 0.5	< 1	< 1	3	1.56	0.09	12.40
199255	205 294	< 5	< 0.2	0.14	< 10	< 0.5	< 2	21.0	< 0.5	< 1	2	3	1.66	0.07	13.30
199256	205 294	< 5	< 0.2	0.23	20	< 0.5	< 2	19.85	< 0.5	< 1	4	3	1.64	0.10	12.55
199257	205 294	< 5	< 0.2	0.53	60	< 0.5	< 2	18.85	< 0.5	< 1	3	7	1.60	0.24	11.95
199258	205 294	< 5	< 0.2	0.39	30	< 0.5	< 2	19.30	< 0.5	< 1	3	3	1.40	0.24	12.30
199259	205 294	< 5	< 0.2	0.37	20	< 0.5	< 2	18.30	< 0.5	< 1	3	3	1.33	0.20	11.70
199260	205 294	< 5	< 0.2	0.35	20	< 0.5	< 2	18.65	< 0.5	< 1	1	5	1.30	0.17	11.90
199261	205 294	< 5	< 0.2	0.24	10	< 0.5	< 2	19.25	< 0.5	< 1	1	2	1.45	0.15	12.25
199262	205 294	< 5	< 0.2	0.68	40	< 0.5	< 2	18.50	< 0.5	< 1	3	4	1.80	0.60	11.90
199263	205 294	< 5	< 0.2	0.09	< 10	< 0.5	< 2	19.50	< 0.5	< 1	1	3	1.40	0.03	12.50
199264	205 294	< 5	< 0.2	0.09	< 10	< 0.5	< 2	20.1	< 0.5	< 1	2	2	1.25	0.02	12.95
199265	205 294	< 5	< 0.2	0.05	< 10	< 0.5	< 2	20.2	< 0.5	< 1	1	3	1.33	0.03	12.95
199266	205 294	< 5	< 0.2	0.06	< 10	< 0.5	< 2	19.90	< 0.5	< 1	1	2	1.49	0.03	12.75
199267	205 294	< 5	< 0.2	0.08	10	< 0.5	< 2	19.90	< 0.5	< 1	1	4	1.60	0.04	12.65
199268	205 294	< 5	< 0.2	0.16	10	< 0.5	< 2	18.95	< 0.5	< 1	2	1	1.34	0.05	12.10
199269	205 294	< 5	< 0.2	0.20	10	< 0.5	< 2	19.40	< 0.5	< 1	1	2	1.42	0.09	12.45
199270	205 294	< 5	< 0.2	0.20	10	< 0.5	< 2	19.35	< 0.5	< 1	< 1	7	1.56	0.10	12.35
199271	205 294	< 5	< 0.2	0.28	20	< 0.5	< 2	19.65	< 0.5	< 1	1	2	1.34	0.12	12.60
199272	205 294	< 5	< 0.2	0.39	10	< 0.5	< 2	19.85	< 0.5	< 1	4	3	1.30	0.14	12.85
199273	205 294	< 5	< 0.2	0.36	10	< 0.5	< 2	19.25	< 0.5	< 1	< 1	19	1.50	0.13	12.30
199274	205 294	< 5	< 0.2	0.52	30	< 0.5	< 2	18.80	< 0.5	< 1	3	4	1.73	0.31	11.90
199275	205 294	< 5	< 0.2	0.37	30	< 0.5	< 2	19.50	< 0.5	< 1	4	5	1.42	0.18	12.50
199276	205 294	< 5	< 0.2	0.15	10	< 0.5	< 2	16.70	< 0.5	< 1	19	5	1.46	0.05	10.65
199277	205 294	< 5	< 0.2	0.12	< 10	< 0.5	< 2	17.85	< 0.5	< 1	12	4	1.57	0.05	11.30
199278	205 294	< 5	< 0.2	0.17	10	< 0.5	< 2	19.70	< 0.5	< 1	3	1	1.57	0.10	12.60
199279	205 294	< 5	< 0.2	0.20	10	< 0.5	< 2	19.20	< 0.5	< 1	4	1	1.57	0.12	12.30
199280	205 294	< 5	< 0.2	0.33	20	< 0.5	< 2	18.50	< 0.5	< 1	4	2	1.42	0.18	11.75
199281	205 294	< 5	< 0.2	0.36	30	< 0.5	< 2	18.45	< 0.5	< 1	3	3	1.57	0.21	11.70
199282	205 294	< 5	< 0.2	0.25	10	< 0.5	< 2	19.55	< 0.5	< 1	1	1	1.69	0.06	12.50
199283	205 294	< 5	< 0.2	0.05	< 10	< 0.5	< 2	19.60	< 0.5	< 1	< 1	1	1.73	0.02	12.45
199284	205 294	< 5	< 0.2	0.07	< 10	< 0.5	< 2	19.85	< 0.5	< 1	1	3	1.85	0.04	12.55
199285	205 294	< 5	< 0.2	0.13	10	< 0.5	< 2	19.35	< 0.5	< 1	3	5	2.51	0.04	12.25
199286	214 285	115	< 0.2	6.13	1340	2.0	2	4.26	0.5	7	54	33	2.12	2.36	1.47
199287	205 294	< 5	< 0.2	0.09	< 10	< 0.5	< 2	19.45	< 0.5	< 1	< 1	6	2.86	0.03	12.30
199288	205 294	< 5	< 0.2	0.04	< 10	< 0.5	< 2	19.55	< 0.5	< 1	1	1	1.84	0.01	12.35
199289	205 294	< 5	< 0.2	0.05	< 10	< 0.5	< 2	22.9	< 0.5	< 1	1	3	2.14	0.01	14.55

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 06-JUL-97
Invoice No. : I9729917
P.O. Number : LY97-5
Account : BM W

CERTIFICATE OF ANALYSIS A9729917

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		
199251	205	294	1580	< 1	< 0.01	< 1	80	< 2	24	< 0.01	4	10	10	10		
199252	205	294	1690	< 1	< 0.01	< 1	70	< 2	29	< 0.01	5	10	12	10		
199253	205	294	1650	< 1	< 0.01	< 1	70	< 2	21	< 0.01	2	10	8	< 10		
199254	205	294	1730	< 1	< 0.01	1	80	< 2	29	< 0.01	4	10	12	< 10		
199255	205	294	1955	< 1	< 0.01	< 1	80	< 2	25	< 0.01	4	10	8	< 10		
199256	205	294	1975	< 1	< 0.01	< 1	90	< 2	30	< 0.01	4	10	10	< 10		
199257	205	294	2010	< 1	0.01	1	160	4	39	0.01	9	10	18	< 10		
199258	205	294	1740	< 1	0.01	< 1	120	< 2	33	< 0.01	10	10	12	10		
199259	205	294	1515	< 1	< 0.01	< 1	120	< 2	23	< 0.01	7	10	8	< 10		
199260	205	294	1475	< 1	< 0.01	< 1	160	< 2	24	< 0.01	11	10	10	< 10		
199261	205	294	1670	< 1	< 0.01	< 1	110	< 2	25	< 0.01	6	10	8	10		
199262	205	294	1595	< 1	< 0.01	5	100	6	24	< 0.01	5	10	12	10		
199263	205	294	1480	< 1	< 0.01	1	80	6	20	< 0.01	3	10	10	< 10		
199264	205	294	1490	< 1	< 0.01	< 1	70	< 2	22	< 0.01	3	10	8	< 10		
199265	205	294	1695	< 1	< 0.01	< 1	70	< 2	22	< 0.01	3	10	6	< 10		
199266	205	294	1790	< 1	< 0.01	< 1	70	< 2	21	< 0.01	3	10	6	< 10		
199267	205	294	1880	< 1	< 0.01	< 1	90	4	23	< 0.01	4	10	8	10		
199268	205	294	1660	< 1	< 0.01	1	90	< 2	21	< 0.01	2	10	6	< 10		
199269	205	294	1710	< 1	< 0.01	< 1	120	< 2	23	< 0.01	3	10	6	< 10		
199270	205	294	1925	< 1	< 0.01	< 1	100	2	28	< 0.01	4	10	8	< 10		
199271	205	294	1500	< 1	0.01	< 1	130	< 2	21	< 0.01	6	10	8	10		
199272	205	294	1455	< 1	0.01	3	140	< 2	23	< 0.01	6	10	10	< 10		
199273	205	294	1720	< 1	< 0.01	1	140	4	24	< 0.01	7	10	14	< 10		
199274	205	294	2270	< 1	0.01	< 1	230	2	33	0.01	12	10	12	10		
199275	205	294	1785	< 1	0.02	4	190	10	30	< 0.01	5	10	12	10		
199276	205	294	1550	< 1	0.01	2	120	8	20	< 0.01	3	10	10	< 10		
199277	205	294	1860	< 1	< 0.01	1	140	8	21	< 0.01	3	10	12	< 10		
199278	205	294	1965	< 1	< 0.01	< 1	90	2	21	< 0.01	2	10	12	< 10		
199279	205	294	1765	< 1	< 0.01	1	120	4	21	< 0.01	4	10	10	< 10		
199280	205	294	1715	< 1	< 0.01	< 1	170	< 2	21	< 0.01	8	< 10	10	< 10		
199281	205	294	1835	< 1	< 0.01	< 1	170	2	23	< 0.01	7	< 10	10	< 10		
199282	205	294	1940	< 1	0.01	< 1	130	< 2	20	< 0.01	2	10	8	< 10		
199283	205	294	2060	< 1	< 0.01	< 1	80	4	17	< 0.01	1	< 10	8	< 10		
199284	205	294	2250	< 1	< 0.01	< 1	80	4	20	< 0.01	1	10	12	< 10		
199285	205	294	2160	< 1	0.01	6	260	38	25	< 0.01	1	< 10	14	10		
199286	214	285	395	6	0.98	48	870	12	232	0.29	202	40	152	50		
199287	205	294	2130	< 1	< 0.01	9	420	64	24	< 0.01	3	< 10	22	10		
199288	205	294	2130	< 1	< 0.01	< 1	80	12	18	< 0.01	1	< 10	12	< 10		
199289	205	294	2340	< 1	< 0.01	1	90	12	24	< 0.01	1	10	14	10		

CERTIFICATION: Ian H Bachlet

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9729912

Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON HOLE # LY97-6.

CERTIFICATE A9729912

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD
P.O. # : LY97-6

Samples submitted to our lab in Vancouver, BC.
This report was printed on 10-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	25	Geochem ring to approx 150 mesh
294	25	4-7 Kg crush and split
3202	25	Rock - save entire reject
285	25	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	25	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	25	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	25	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	25	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	25	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	25	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	25	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	25	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	25	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	25	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	25	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	25	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	25	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	25	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	25	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	25	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	25	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	25	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	25	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	25	Pb ppm: 24 element, rock & core	AAS	2	10000
582	25	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	25	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	25	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	25	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	25	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	25	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 10-JUL-97
Invoice No. :I9729912
P.O. Number :LY97-6
Account :BM W

CERTIFICATE OF ANALYSIS A9729912

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)
199301	205 294	< 5	< 0.2	0.30	30	< 0.5	< 2	18.85	< 0.5	< 1	12	33	2.35	0.09	12.05
199302	205 294	< 5	< 0.2	0.38	20	< 0.5	< 2	18.10	< 0.5	< 1	9	14	2.49	0.01	11.85
199303	205 294	< 5	< 0.2	0.10	40	< 0.5	< 2	19.65	< 0.5	< 1	4	7	1.61	0.01	13.00
199304	205 294	< 5	< 0.2	0.36	40	< 0.5	< 2	19.45	< 0.5	< 1	4	5	1.54	0.02	13.35
199305	205 294	< 5	< 0.2	0.29	40	< 0.5	< 2	18.60	< 0.5	< 1	3	4	1.63	0.01	14.25
199306	205 294	< 5	< 0.2	0.34	60	< 0.5	< 2	21.7	< 0.5	< 1	8	4	1.61	0.06	>15.00
199307	205 294	10	< 0.2	0.35	40	< 0.5	< 2	18.45	< 0.5	< 1	5	5	1.65	0.05	13.65
199308	205 294	< 5	< 0.2	0.33	50	< 0.5	< 2	18.85	< 0.5	< 1	5	7	2.04	0.06	13.70
199309	205 294	< 5	< 0.2	0.20	50	< 0.5	< 2	19.60	< 0.5	< 1	3	4	1.06	0.05	13.95
199310	205 294	< 5	< 0.2	0.52	40	< 0.5	< 2	18.55	< 0.5	< 1	17	10	2.18	0.08	13.80
199311	205 294	< 5	< 0.2	0.50	60	< 0.5	< 2	18.55	< 0.5	2	8	13	2.57	0.17	12.80
199312	205 294	< 5	< 0.2	0.22	50	< 0.5	< 2	19.75	< 0.5	< 1	6	7	1.59	0.12	13.10
199313	205 294	< 5	< 0.2	0.55	60	< 0.5	< 2	18.75	< 0.5	4	8	19	3.45	0.29	12.15
199314	205 294	< 5	< 0.2	0.59	60	< 0.5	< 2	18.70	< 0.5	4	12	27	3.63	0.31	12.20
199315	205 294	< 5	< 0.2	1.18	70	< 0.5	< 2	17.40	< 0.5	6	19	32	4.47	0.53	11.30
199316	205 294	< 5	< 0.2	0.41	40	< 0.5	< 2	17.50	< 0.5	< 1	10	11	2.41	0.06	11.45
199317	205 294	< 5	< 0.2	0.35	50	< 0.5	< 2	17.15	< 0.5	1	9	36	3.27	0.06	11.25
199318	205 294	< 5	0.6	0.58	60	< 0.5	< 2	17.05	< 0.5	3	12	244	4.62	0.10	11.50
199319	205 294	< 5	< 0.2	1.72	80	0.5	< 2	14.20	< 0.5	1	17	6	2.54	0.39	10.50
199320	205 294	< 5	< 0.2	2.19	140	0.5	< 2	12.80	< 0.5	1	20	29	2.61	0.67	9.43
199321	205 294	< 5	< 0.2	1.66	150	0.5	< 2	13.90	< 0.5	5	15	11	2.53	0.84	9.19
199322	205 294	< 5	< 0.2	1.08	140	0.5	< 2	14.75	< 0.5	4	10	18	2.89	0.55	9.28
199323	205 294	< 5	< 0.2	1.52	210	0.5	< 2	13.30	< 0.5	2	13	16	2.08	0.91	8.38
199324	205 294	< 5	< 0.2	1.15	180	0.5	< 2	14.50	< 0.5	< 1	28	10	1.71	0.70	9.11
199325	205 294	< 5	< 0.2	0.76	120	< 0.5	< 2	16.70	< 0.5	2	8	27	3.09	0.49	10.35

CERTIFICATION: Ian Bucklen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 10-JUL-97
Invoice No. : I9729912
P.O. Number : LY97-6
Account : BM W

CERTIFICATE OF ANALYSIS A9729912

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		
199301	205 294	2250	< 1	0.01	5	180	22	47	< 0.01	13	< 10	14	< 10		
199302	205 294	1800	< 1	< 0.01	7	200	8	50	< 0.01	12	< 10	18	< 10		
199303	205 294	1575	< 1	0.01	1	150	8	68	< 0.01	10	< 10	16	10		
199304	205 294	1205	< 1	0.01	4	270	10	74	< 0.01	15	10	20	< 10		
199305	205 294	1360	< 1	0.01	5	250	8	61	< 0.01	12	< 10	18	< 10		
199306	205 294	1265	< 1	0.02	2	410	12	90	< 0.01	13	< 10	24	< 10		
199307	205 294	1110	< 1	0.02	3	180	12	64	< 0.01	8	< 10	24	< 10		
199308	205 294	970	< 1	0.02	4	200	20	73	< 0.01	8	< 10	32	< 10		
199309	205 294	1025	< 1	0.02	1	150	16	78	< 0.01	10	< 10	28	10		
199310	205 294	650	< 1	0.01	11	300	26	68	< 0.01	16	< 10	32	10		
199311	205 294	810	< 1	0.02	13	460	32	70	< 0.01	18	10	34	10		
199312	205 294	1020	< 1	0.02	7	240	18	77	< 0.01	13	10	30	< 10		
199313	205 294	1450	< 1	0.01	17	340	28	76	< 0.01	24	10	32	10		
199314	205 294	1455	< 1	0.02	14	330	26	72	< 0.01	23	10	30	< 10		
199315	205 294	1770	< 1	< 0.01	19	680	30	58	0.01	40	10	30	10		
199316	205 294	1800	< 1	< 0.01	7	510	6	49	< 0.01	25	10	16	< 10		
199317	205 294	1710	< 1	< 0.01	11	250	54	60	< 0.01	16	10	16	< 10		
199318	205 294	1605	< 1	< 0.01	14	340	172	55	0.01	17	< 10	18	10		
199319	205 294	1555	< 1	< 0.01	11	750	6	56	0.03	25	< 10	20	10		
199320	205 294	1455	< 1	0.01	14	960	28	59	0.06	31	< 10	24	10		
199321	205 294	1470	< 1	0.01	14	650	18	56	0.04	25	< 10	18	10		
199322	205 294	1790	< 1	< 0.01	12	220	18	65	0.03	13	< 10	14	10		
199323	205 294	1525	< 1	< 0.01	8	230	12	65	0.04	15	< 10	14	10		
199324	205 294	1595	< 1	< 0.01	4	190	8	67	0.03	11	< 10	12	10		
199325	205 294	2120	< 1	< 0.01	7	190	40	66	0.02	9	10	14	10		

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9729914

Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON HOLE # LY97-6.

CERTIFICATE A9729914

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD
P.O. # : LY97-6

Samples submitted to our lab in Vancouver, BC.
This report was printed on 6-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	55	Geochem ring to approx 150 mesh
294	55	4-7 Kg crush and split
3202	55	Rock - save entire reject
214	1	Rcvd as pulp; mesh size checked
285	56	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	56	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	56	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	56	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	56	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	56	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	56	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	56	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	56	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	56	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	56	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	56	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	56	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	56	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	56	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	56	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	56	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	56	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	56	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	56	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	56	Pb ppm: 24 element, rock & core	AAS	2	10000
582	56	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	56	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	56	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	56	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	56	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	56	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Page Number :1-A
Total Pages :2
Certificate Date: 06-JUL-97
Invoice No. :I9729914
P.O. Number :LY97-6
Account :BM W

CERTIFICATE OF ANALYSIS A9729914

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)
199326	205 294	< 5	< 0.2	1.10	190	0.5	< 2	14.55	< 0.5	4	32	9	2.17	0.68	9.06
199327	205 294	< 5	< 0.2	1.33	240	0.5	< 2	15.60	< 0.5	5	8	11	2.74	0.82	9.60
199328	205 294	< 5	< 0.2	0.74	160	0.5	< 2	13.75	< 0.5	2	18	6	2.40	0.46	8.44
199329	205 294	< 5	< 0.2	0.96	180	0.5	< 2	13.45	< 0.5	8	8	10	2.74	0.59	8.21
199330	205 294	< 5	< 0.2	5.37	440	2.0	< 2	5.55	< 0.5	15	61	12	2.37	3.07	3.57
199331	205 294	< 5	< 0.2	6.11	1150	2.5	2	3.70	< 0.5	5	54	4	1.54	3.42	2.59
199332	205 294	< 5	< 0.2	6.02	1130	2.5	2	0.80	< 0.5	14	108	89	1.99	3.29	1.37
199333	205 294	< 5	< 0.2	5.94	1270	2.5	2	0.39	< 0.5	13	83	34	3.86	3.25	1.93
199334	205 294	30	< 0.2	6.31	1480	2.5	2	0.24	< 0.5	7	104	15	3.27	3.44	1.51
199335	205 294	< 5	< 0.2	6.27	1580	2.5	< 2	0.12	< 0.5	5	104	8	3.21	3.36	1.50
199336	205 294	< 5	< 0.2	7.94	1880	3.5	4	0.13	< 0.5	14	112	24	3.32	4.18	1.55
199337	205 294	< 5	< 0.2	6.09	960	2.0	< 2	0.18	< 0.5	10	96	71	5.85	3.03	2.35
199338	205 294	< 5	< 0.2	5.98	1720	1.5	2	0.20	< 0.5	5	112	53	3.30	2.90	1.50
199339	205 294	< 5	< 0.2	6.07	1660	2.0	2	0.12	< 0.5	9	109	17	4.85	3.10	1.85
199340	205 294	< 5	< 0.2	4.94	1280	1.5	< 2	0.10	< 0.5	13	134	19	5.22	2.58	1.76
199341	205 294	25	< 0.2	5.61	1430	2.0	2	0.35	< 0.5	11	120	91	4.23	2.85	1.52
199342	214 285	450	1.6	3.51	3060	0.5	2	0.38	2.0	7	69	134	1.46	1.07	0.20
199343	205 294	< 5	< 0.2	5.22	1470	1.5	< 2	0.06	< 0.5	9	90	32	4.04	2.66	1.39
199344	205 294	< 5	< 0.2	6.27	1390	2.5	4	0.15	< 0.5	12	108	155	1.94	3.11	0.95
199345	205 294	< 5	< 0.2	5.38	1100	2.0	2	0.28	< 0.5	10	90	353	4.95	2.72	1.74
199346	205 294	< 5	< 0.2	6.59	1630	2.0	2	0.08	< 0.5	12	88	98	4.54	3.43	1.78
199347	205 294	< 5	< 0.2	6.80	1540	2.5	2	0.08	< 0.5	10	103	93	3.06	3.53	1.27
199348	205 294	< 5	< 0.2	6.01	1440	1.5	< 2	0.07	< 0.5	6	89	129	3.99	3.07	1.46
199349	205 294	< 5	< 0.2	6.08	1350	1.5	< 2	0.07	< 0.5	7	106	193	4.54	3.05	1.54
199350	205 294	< 5	< 0.2	4.67	980	1.0	< 2	0.09	< 0.5	5	99	38	5.63	2.38	1.79
199351	205 294	< 5	< 0.2	6.64	1240	2.5	2	0.12	< 0.5	14	105	40	2.76	3.27	1.13
199352	205 294	< 5	< 0.2	6.56	1190	2.5	2	0.34	< 0.5	17	109	56	3.55	3.28	1.35
199353	205 294	< 5	< 0.2	4.47	1050	1.5	< 2	0.11	< 0.5	16	67	7	10.40	2.28	2.80
199354	205 294	< 5	< 0.2	5.04	860	2.0	2	0.06	< 0.5	11	117	6	1.60	2.53	0.65
199355	205 294	< 5	< 0.2	3.84	600	1.5	< 2	0.05	< 0.5	6	120	7	4.37	1.94	1.33
199356	205 294	< 5	< 0.2	4.36	650	1.5	2	0.06	< 0.5	8	127	25	2.76	2.15	0.92
199357	205 294	< 5	< 0.2	2.39	310	0.5	< 2	0.04	< 0.5	8	114	5	3.34	1.10	0.91
199358	205 294	< 5	< 0.2	4.94	790	2.0	< 2	0.28	< 0.5	7	108	4	3.47	2.52	1.23
199359	205 294	< 5	< 0.2	5.57	780	2.5	< 2	0.07	< 0.5	9	125	8	2.97	2.81	1.07
199360	205 294	< 5	< 0.2	5.08	630	2.0	< 2	0.11	< 0.5	8	118	8	3.24	2.59	1.10
199361	205 294	< 5	< 0.2	4.67	630	2.0	2	0.14	< 0.5	7	106	4	4.62	2.40	1.52
199362	205 294	< 5	< 0.2	5.02	660	2.0	< 2	0.15	< 0.5	8	78	4	4.82	2.60	1.60
199363	205 294	< 5	< 0.2	4.14	530	1.5	< 2	0.07	< 0.5	6	110	6	2.64	2.10	0.92
199364	205 294	< 5	< 0.2	6.05	730	2.5	< 2	0.06	< 0.5	7	122	6	1.94	2.97	0.85
199365	205 294	< 5	< 0.2	2.50	300	1.0	< 2	0.10	< 0.5	4	79	6	4.10	1.27	1.26

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Page Number :1-B
Total Pages :2
Certificate Date: 06-JUL-97
Invoice No. :I9729914
P.O. Number :LY97-6
Account :BM W

CERTIFICATE OF ANALYSIS A9729914

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		
199326	205 294	1965	< 1	< 0.01	7	330	12	72	0.04	12	< 10	14	10		
199327	205 294	2570	< 1	< 0.01	6	420	10	81	0.04	13	< 10	12	10		
199328	205 294	1830	< 1	< 0.01	5	170	8	77	0.03	7	< 10	10	< 10		
199329	205 294	2130	< 1	< 0.01	11	210	16	82	0.03	10	< 10	14	10		
199330	205 294	1355	1	0.08	17	280	14	60	0.20	46	< 10	20	40		
199331	205 294	905	1	0.10	10	270	4	56	0.22	47	< 10	14	30		
199332	205 294	980	1	0.07	25	200	4	17	0.17	49	< 10	12	30		
199333	205 294	1690	1	0.07	23	230	2	16	0.20	56	< 10	16	30		
199334	205 294	1515	1	0.10	18	230	2	16	0.18	47	< 10	14	30		
199335	205 294	1405	1	0.09	16	220	< 2	14	0.19	50	< 10	12	30		
199336	205 294	1440	1	0.10	30	170	< 2	10	0.30	94	< 10	12	50		
199337	205 294	2620	3	0.09	13	190	< 2	15	0.23	60	< 10	16	30		
199338	205 294	1460	3	0.10	11	190	< 2	14	0.22	57	< 10	14	30		
199339	205 294	2280	1	0.10	14	190	< 2	10	0.19	50	< 10	14	30		
199340	205 294	2630	3	0.07	14	150	< 2	9	0.15	44	< 10	14	30		
199341	205 294	2410	3	0.08	17	170	< 2	9	0.17	48	< 10	12	40		
199342	214 285	30	130	0.04	54	2100	252	163	0.26	631	30	56	50		
199343	205 294	1990	2	0.07	10	150	< 2	7	0.16	37	< 10	10	30		
199344	205 294	825	2	0.07	23	230	4	8	0.18	52	< 10	12	40		
199345	205 294	2580	4	0.06	15	190	< 2	8	0.17	49	< 10	14	30		
199346	205 294	2130	1	0.07	23	180	< 2	10	0.19	62	< 10	18	40		
199347	205 294	1380	2	0.10	23	200	2	9	0.19	58	< 10	14	30		
199348	205 294	1890	1	0.07	14	210	< 2	7	0.20	50	< 10	12	30		
199349	205 294	2120	2	0.08	21	200	< 2	9	0.20	51	< 10	10	30		
199350	205 294	2810	2	0.06	10	220	< 2	6	0.12	35	< 10	12	20		
199351	205 294	1140	2	0.09	21	210	< 2	8	0.19	56	< 10	10	30		
199352	205 294	1880	6	0.09	22	240	2	11	0.17	55	< 10	12	40		
199353	205 294	5500	2	0.08	12	160	< 2	6	0.13	33	< 10	12	30		
199354	205 294	600	2	0.07	14	220	2	7	0.13	40	< 10	8	30		
199355	205 294	2240	< 1	0.05	11	170	< 2	7	0.08	26	< 10	8	80		
199356	205 294	1240	2	0.07	8	170	2	7	0.09	30	< 10	8	< 10		
199357	205 294	1645	3	0.05	8	100	< 2	7	0.04	14	< 10	8	< 10		
199358	205 294	1625	2	0.06	10	150	< 2	7	0.12	34	< 10	8	10		
199359	205 294	1300	1	0.09	10	200	2	6	0.15	44	< 10	8	30		
199360	205 294	1580	1	0.08	11	160	< 2	7	0.12	39	< 10	8	30		
199361	205 294	2420	3	0.06	11	170	< 2	6	0.10	35	< 10	8	30		
199362	205 294	2560	2	0.07	11	180	< 2	6	0.11	37	< 10	10	30		
199363	205 294	1415	1	0.06	9	90	< 2	6	0.07	28	< 10	6	40		
199364	205 294	795	1	0.11	11	170	< 2	8	0.13	47	< 10	6	40		
199365	205 294	2290	1	0.03	7	50	< 2	4	0.04	14	< 10	8	10		

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 06-JUL-97
Invoice No. : I9729914
P.O. Number : LY97-6
Account : BM W

CERTIFICATE OF ANALYSIS A9729914

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)
199366	205	294	< 5	< 0.2	4.33	410	1.5	< 2	2.65	< 0.5	6	125	8	1.80	2.21	1.56
199367	205	294	< 5	< 0.2	5.48	600	2.5	< 2	0.33	< 0.5	7	137	8	1.68	2.77	0.85
199368	205	294	< 5	< 0.2	5.29	600	2.5	< 2	0.06	< 0.5	6	145	5	1.99	2.70	0.88
199369	205	294	< 5	< 0.2	3.36	380	1.5	< 2	0.06	< 0.5	6	153	8	2.98	1.73	1.03
199370	205	294	< 5	< 0.2	4.26	530	1.5	< 2	0.07	< 0.5	9	110	5	2.52	2.23	0.98
199371	205	294	< 5	< 0.2	5.30	550	2.0	< 2	0.58	< 0.5	4	125	7	2.93	2.78	1.30
199372	205	294	< 5	< 0.2	5.87	760	2.5	2	0.14	< 0.5	9	133	13	2.39	3.01	1.05
199373	205	294	< 5	< 0.2	5.06	520	2.0	< 2	0.06	< 0.5	10	135	6	1.64	2.59	0.77
199374	205	294	< 5	< 0.2	5.96	530	2.5	< 2	0.44	< 0.5	6	133	16	0.95	3.03	0.71
199375	205	294	< 5	< 0.2	6.69	630	3.0	< 2	0.26	< 0.5	5	90	3	3.41	3.48	1.59
199376	205	294	< 5	< 0.2	7.36	580	3.0	2	2.88	< 0.5	11	85	25	2.64	3.86	2.15
199377	205	294	< 5	< 0.2	7.70	710	3.0	2	0.70	< 0.5	9	95	5	3.03	4.06	1.59
199378	205	294	< 5	< 0.2	9.24	840	4.5	4	0.67	< 0.5	9	110	6	1.75	4.83	1.25
199379	205	294	< 5	< 0.2	6.23	570	2.5	< 2	0.10	< 0.5	5	113	4	2.59	3.20	1.34
199380	205	294	< 5	< 0.2	6.68	620	2.5	< 2	0.09	< 0.5	5	112	4	3.61	3.47	1.87
199381	205	294	< 5	< 0.2	7.64	750	3.5	2	0.08	< 0.5	6	116	6	2.70	3.97	1.53

CERTIFICATION: Stewart Bichler

Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
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Account :BM W

CERTIFICATE OF ANALYSIS A9729914

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		
199366	205 294	1610	3	0.05	12	160	4	16	0.07	30	< 10	8	30		
199367	205 294	865	< 1	0.09	15	190	2	9	0.10	41	< 10	6	40		
199368	205 294	925	1	0.08	14	150	4	6	0.11	41	< 10	6	30		
199369	205 294	1525	< 1	0.04	11	190	< 2	5	0.07	28	< 10	6	40		
199370	205 294	1250	1	0.05	12	220	< 2	4	0.10	32	< 10	6	30		
199371	205 294	1700	1	0.07	12	230	4	8	0.10	39	< 10	8	70		
199372	205 294	1135	1	0.11	18	200	2	8	0.12	48	< 10	8	20		
199373	205 294	710	< 1	0.08	16	160	2	6	0.10	38	< 10	6	30		
199374	205 294	400	1	0.11	16	110	4	7	0.11	41	< 10	6	10		
199375	205 294	1545	1	0.10	11	200	< 2	7	0.16	49	< 10	6	20		
199376	205 294	1815	3	0.12	28	190	2	15	0.18	66	< 10	8	40		
199377	205 294	1785	1	0.12	26	230	4	9	0.19	69	< 10	8	30		
199378	205 294	830	2	0.15	25	210	4	11	0.27	84	< 10	10	50		
199379	205 294	1135	1	0.11	20	220	< 2	7	0.15	46	< 10	8	30		
199380	205 294	1670	1	0.09	19	190	< 2	7	0.18	51	< 10	8	40		
199381	205 294	1240	1	0.12	23	230	< 2	9	0.22	65	< 10	8	40		

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Page Number :1-A
Total Pages :2
Certificate Date: 06-JUL-97
Invoice No. :I9729919
P.O. Number :LY97-10
Account :BM W

CERTIFICATE OF ANALYSIS A9729919

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)
200070	205 294	10	< 0.2	7.11	5380	2.0	2	2.65	< 0.5	25	48	576	4.43	6.21	1.59
200071	205 294	5	< 0.2	7.70	4490	2.5	2	2.21	< 0.5	22	48	303	4.34	6.56	1.50
200072	205 294	35	< 0.2	7.93	4470	2.5	2	2.66	< 0.5	27	72	1095	4.87	6.33	1.77
200073	214 285	250	< 0.2	6.27	1360	2.0	2	4.19	0.5	8	54	35	2.13	2.40	1.46
200074	205 294	10	< 0.2	7.77	3170	2.5	4	2.53	< 0.5	24	51	430	5.24	6.31	1.68
200075	205 294	15	< 0.2	6.88	3760	2.0	< 2	3.29	< 0.5	23	47	308	6.23	5.80	1.86
200076	205 294	80	< 0.2	6.26	3480	1.5	< 2	3.66	< 0.5	22	45	572	5.81	5.59	1.90
200086	205 294	50	< 0.2	6.26	1780	1.0	2	3.69	< 0.5	27	46	1210	6.49	6.27	1.78
200087	205 294	45	< 0.2	6.10	1870	0.5	2	4.92	< 0.5	30	38	2030	5.52	6.95	1.83
200088	205 294	15	< 0.2	6.64	3850	1.5	< 2	3.68	< 0.5	27	49	621	5.75	5.02	2.02
200089	205 294	< 5	< 0.2	6.88	2940	2.0	< 2	3.83	< 0.5	28	56	481	6.03	4.73	2.11
200090	205 294	5	< 0.2	7.20	6120	2.0	< 2	3.62	< 0.5	26	54	85	5.46	5.32	2.16
200096	205 294	20	< 0.2	7.68	2570	2.5	< 2	2.69	< 0.5	26	52	177	5.15	5.96	1.85
200097	205 294	10	< 0.2	6.62	4740	2.0	6	3.66	< 0.5	35	45	1060	5.33	5.24	2.07
200098	205 294	15	< 0.2	7.33	2290	2.5	2	3.03	< 0.5	28	71	214	5.05	5.23	2.00
200099	205 294	< 5	< 0.2	6.68	1390	1.5	2	4.23	< 0.5	26	43	14	5.30	5.16	2.50
200100	205 294	< 5	< 0.2	7.14	970	2.5	< 2	3.38	< 0.5	27	46	50	5.53	5.38	2.15
200101	205 294	10	< 0.2	6.80	2770	2.0	< 2	4.36	< 0.5	27	44	689	5.60	5.17	2.37
200102	205 294	< 5	< 0.2	7.30	1830	2.0	< 2	4.40	< 0.5	25	43	46	4.25	5.08	2.39
200103	205 294	30	< 0.2	7.07	680	1.5	< 2	4.42	< 0.5	25	46	80	4.94	5.13	2.36
200104	205 294	10	< 0.2	7.12	590	2.0	< 2	3.13	< 0.5	23	49	61	5.03	5.19	1.92
200105	205 294	10	< 0.2	7.16	900	2.0	< 2	4.14	< 0.5	24	52	40	5.36	4.95	2.42
200106	205 294	20	< 0.2	7.05	1310	1.5	< 2	3.98	< 0.5	21	48	22	5.48	6.24	2.16
200107	205 294	10	< 0.2	7.10	820	1.5	< 2	4.39	< 0.5	23	45	7	5.52	6.36	2.38
200108	214 285	255	< 0.2	6.22	1350	2.0	< 2	4.15	0.5	8	55	34	2.11	2.43	1.43
200109	205 294	5	< 0.2	7.03	810	2.0	< 2	4.27	< 0.5	22	46	23	5.34	5.14	2.47
200110	205 294	< 5	< 0.2	6.39	810	2.0	< 2	3.89	< 0.5	19	55	94	4.54	4.69	2.29
200111	205 294	15	< 0.2	6.53	560	1.5	< 2	4.36	< 0.5	21	59	58	4.88	4.96	2.45
200112	205 294	10	< 0.2	6.49	410	2.0	< 2	4.64	< 0.5	18	44	27	5.02	4.37	2.67
200113	205 294	5	< 0.2	6.75	1150	2.5	< 2	4.78	< 0.5	19	67	48	4.55	4.49	2.98
200114	205 294	10	< 0.2	6.99	740	2.0	< 2	2.45	< 0.5	17	63	102	4.53	5.67	1.68
200115	205 294	< 5	< 0.2	7.45	1770	1.0	< 2	2.79	< 0.5	12	53	8	5.57	7.48	1.59
200116	205 294	10	< 0.2	7.51	1360	1.0	< 2	4.43	< 0.5	14	51	5	6.38	7.03	2.33
200117	205 294	< 5	3.8	6.69	590	2.0	< 2	4.85	< 0.5	15	71	36	5.00	4.85	3.09
200118	205 294	20	< 0.2	6.45	730	1.5	< 2	4.40	< 0.5	33	64	570	5.61	4.75	3.19
200119	205 294	35	0.4	6.44	890	0.5	< 2	4.42	< 0.5	12	60	39	4.83	6.64	2.28
200120	205 294	40	< 0.1	6.29	310	1.5	< 2	4.95	< 0.5	74	53	530	5.34	4.05	2.77
200121	205 294	60	< 0.1	6.69	680	1.0	< 2	4.20	< 0.5	90	50	260	5.28	5.72	2.29
200122	205 294	45	< 0.1	7.53	520	1.5	< 2	5.71	< 0.5	24	41	1130	4.36	5.14	3.18
200123	205 294	10	< 0.2	6.79	980	0.5	< 2	4.72	< 0.5	14	43	346	5.25	7.32	2.32

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9729849

Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON HOLE # LY97-10P.

CERTIFICATE A9729849

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD
P.O. # : LY97-10

Samples submitted to our lab in Vancouver, BC.
This report was printed on 6-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	42	Geochem ring to approx 150 mesh
294	42	4-7 Kg crush and split
3202	42	Rock - save entire reject
285	42	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	42	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	42	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	42	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	42	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	42	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	42	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	42	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	42	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	42	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	42	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	42	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	42	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	42	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	42	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	42	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	42	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	42	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	42	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	42	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	42	Pb ppm: 24 element, rock & core	AAS	2	10000
582	42	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	42	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	42	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	42	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	42	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	42	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 06-JUL-97
Invoice No. :I9729849
P.O. Number :LY97-10
Account :BM W

CERTIFICATE OF ANALYSIS A9729849

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)
200277	205	294	< 5	< 0.2	5.70	600	< 0.5	< 2	3.34	< 0.5	41	63	542	5.95	5.12	2.54
200278	205	294	< 5	< 0.2	6.51	760	0.5	< 2	1.62	< 0.5	7	66	155	7.09	5.27	2.30
200279	205	294	< 5	< 0.2	7.27	810	2.0	2	0.96	< 0.5	50	9	46	6.17	4.79	4.08
200280	205	294	< 5	< 0.2	7.07	680	2.0	< 2	1.07	< 0.5	42	11	94	7.33	3.27	5.20
200281	205	294	< 5	< 0.2	7.34	1030	2.0	2	1.07	< 0.5	25	8	40	6.52	4.18	4.84
200282	205	294	< 5	< 0.2	6.49	490	2.0	< 2	0.92	< 0.5	45	3	42	8.59	2.72	5.86
200283	205	294	< 5	< 0.2	7.01	700	1.0	< 2	0.65	< 0.5	71	6	27	9.00	3.82	5.52
200284	205	294	10	< 0.2	6.81	1180	0.5	2	0.53	< 0.5	24	48	14	6.32	6.37	2.28
200285	205	294	25	< 0.2	6.65	990	0.5	< 2	1.30	< 0.5	36	45	5	6.02	7.13	1.79
200286	205	294	10	< 0.2	6.30	710	0.5	< 2	2.89	< 0.5	23	56	5	5.14	6.45	2.11
200287	205	294	< 5	< 0.2	7.02	260	1.5	< 2	2.73	< 0.5	3	68	2	4.68	3.63	2.73
200288	205	294	20	< 0.2	6.23	490	0.5	< 2	3.05	< 0.5	5	62	4	4.15	4.66	2.00
200289	205	294	270	< 0.2	6.57	1420	2.0	< 2	4.45	0.5	9	57	35	2.26	2.50	1.53
200290	205	294	35	< 0.2	7.45	380	2.5	< 2	1.66	< 0.5	51	54	4	7.27	4.58	3.05
200291	205	294	20	< 0.2	6.74	620	1.0	< 2	3.50	< 0.5	34	67	6	3.53	6.70	2.52
200292	205	294	15	< 0.2	6.98	860	1.5	< 2	2.05	< 0.5	41	52	13	5.13	6.49	1.79
200293	205	294	10	< 0.2	6.88	1250	1.5	< 2	1.97	< 0.5	45	24	47	7.19	5.71	2.94
200294	205	294	< 5	< 0.2	7.27	1230	1.0	< 2	1.38	< 0.5	35	35	19	5.57	6.12	2.75
200295	205	294	< 5	< 0.2	6.51	830	0.5	< 2	1.66	< 0.5	6	71	7	3.84	6.99	2.04
200296	205	294	5	< 0.2	6.78	920	< 0.5	< 2	1.00	< 0.5	6	75	50	4.98	6.07	1.72
200297	205	294	10	< 0.2	6.60	1660	0.5	< 2	1.90	< 0.5	25	89	744	5.87	7.09	2.03
200298	205	294	20	< 0.2	6.42	1250	0.5	< 2	2.53	< 0.5	18	89	393	5.68	6.65	2.36
200299	205	294	10	< 0.2	7.72	840	0.5	< 2	2.59	< 0.5	6	116	32	6.45	6.98	3.39
200300	205	294	< 5	< 0.2	6.69	540	1.0	< 2	2.92	< 0.5	27	111	4	4.97	4.93	3.33
200301	205	294	20	< 0.2	7.09	930	0.5	< 2	1.24	< 0.5	35	112	8	5.76	7.64	1.86
200302	205	294	10	< 0.2	6.31	170	1.5	< 2	1.87	< 0.5	26	103	1	5.49	3.24	2.83
200303	205	294	15	< 0.2	7.08	1000	1.0	< 2	1.74	< 0.5	20	112	96	6.20	7.80	2.10
200304	205	294	10	< 0.2	6.39	680	2.0	< 2	2.02	< 0.5	51	72	327	7.87	3.09	5.09
200305	205	294	10	< 0.2	6.46	660	2.0	< 2	1.14	< 0.5	45	60	13	8.29	2.74	5.78
200306	205	294	10	< 0.2	5.77	210	1.5	< 2	6.60	< 0.5	17	44	8	3.96	2.66	5.10
200307	205	294	< 5	< 0.2	6.10	200	1.5	< 2	7.00	< 0.5	1	43	2	2.64	3.22	4.52
200308	205	294	< 5	< 0.2	7.54	890	1.5	< 2	1.72	< 0.5	30	70	16	6.78	4.17	5.21
200309	205	294	< 5	< 0.2	6.32	1260	0.5	< 2	4.04	< 0.5	33	84	930	5.77	5.17	3.99
200310	205	294	< 5	< 0.2	6.18	150	1.5	< 2	5.17	< 0.5	4	46	6	3.03	2.92	4.52
200311	205	294	< 5	< 0.2	6.42	810	1.5	< 2	1.47	< 0.5	73	82	43	7.36	3.51	4.95
200312	205	294	< 5	< 0.2	7.27	640	1.5	< 2	0.29	< 0.5	74	66	29	9.10	3.17	6.17
200313	205	294	< 5	< 0.2	7.14	970	1.5	< 2	1.93	< 0.5	29	70	181	6.18	4.70	4.28
200314	205	294	< 5	< 0.2	6.01	190	1.5	< 2	4.60	< 0.5	27	63	3	4.39	2.87	4.26
200315	205	294	< 5	< 0.2	6.21	360	2.5	< 2	2.62	< 0.5	29	44	18	7.12	2.92	4.14
200316	205	294	< 5	< 0.2	6.17	860	1.5	< 2	1.13	< 0.5	48	34	30	8.25	3.08	5.15

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 06-JUL-97
Invoice No. : I9729849
P.O. Number : LY97-10
Account : BM W

CERTIFICATE OF ANALYSIS A9729849

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
200277	205	294	1715	4	0.15	17	700	< 2	26	0.17	64	< 10	20	40
200278	205	294	860	5	0.16	20	710	< 2	19	0.24	96	< 10	24	70
200279	205	294	570	3	0.12	19	1800	< 2	26	0.53	217	< 10	30	50
200280	205	294	725	< 1	0.18	16	1710	< 2	17	0.49	260	< 10	34	40
200281	205	294	670	1	0.18	14	1890	< 2	21	0.53	222	< 10	32	50
200282	205	294	745	3	0.15	27	980	< 2	13	0.65	348	< 10	34	10
200283	205	294	615	4	0.16	46	1060	< 2	17	0.55	341	< 10	36	50
200284	205	294	460	5	0.15	38	750	< 2	20	0.18	64	< 10	28	50
200285	205	294	495	7	0.17	29	850	< 2	18	0.14	55	< 10	16	60
200286	205	294	1320	5	0.14	26	710	< 2	20	0.14	97	< 10	10	60
200287	205	294	1225	4	0.13	36	740	< 2	12	0.13	87	< 10	12	30
200288	205	294	1160	2	0.13	18	630	< 2	15	0.10	55	< 10	6	30
200289	205	294	415	7	0.90	51	950	12	237	0.30	211	40	160	40
200290	205	294	785	6	0.15	58	1190	< 2	11	0.21	249	< 10	16	40
200291	205	294	1470	3	0.14	33	690	< 2	21	0.09	83	< 10	8	60
200292	205	294	805	4	0.18	22	1220	< 2	19	0.20	83	< 10	10	60
200293	205	294	1165	4	0.15	29	2710	< 2	34	0.35	147	< 10	28	50
200294	205	294	755	3	0.15	26	1880	< 2	31	0.28	128	< 10	22	50
200295	205	294	735	4	0.14	29	630	< 2	17	0.14	61	< 10	12	90
200296	205	294	560	4	0.15	28	610	< 2	16	0.17	72	< 10	12	90
200297	205	294	930	4	0.18	28	710	< 2	30	0.11	60	< 10	14	60
200298	205	294	1175	4	0.18	29	780	< 2	27	0.09	71	< 10	12	50
200299	205	294	1445	5	0.19	55	840	< 2	18	0.09	73	< 10	16	50
200300	205	294	1430	6	0.15	32	1040	< 2	15	0.22	122	< 10	14	20
200301	205	294	775	5	0.18	34	780	< 2	16	0.09	61	< 10	10	50
200302	205	294	945	3	0.13	36	640	< 2	7	0.11	72	< 10	12	10
200303	205	294	1015	6	0.18	30	860	< 2	19	0.10	74	< 10	12	40
200304	205	294	1450	8	0.15	48	430	< 2	15	0.23	241	< 10	26	10
200305	205	294	1165	3	0.18	53	410	< 2	12	0.30	277	< 10	36	20
200306	205	294	3620	1	0.16	33	290	< 2	17	0.13	221	< 10	12	10
200307	205	294	3700	1	0.15	29	410	< 2	20	0.16	203	< 10	8	< 10
200308	205	294	1385	5	0.20	56	660	< 2	17	0.25	293	< 10	30	30
200309	205	294	2330	7	0.20	35	550	< 2	28	0.14	166	< 10	22	10
200310	205	294	2810	2	0.13	36	490	< 2	16	0.14	272	< 10	12	10
200311	205	294	1485	8	0.16	56	350	< 2	18	0.20	230	< 10	40	20
200312	205	294	650	3	0.23	72	590	< 2	14	0.35	275	< 10	42	80
200313	205	294	1245	9	0.18	50	900	< 2	23	0.18	176	< 10	26	30
200314	205	294	2690	5	0.15	47	870	< 2	21	0.10	220	< 10	14	10
200315	205	294	1530	4	0.14	42	990	< 2	18	0.23	261	< 10	20	10
200316	205	294	870	3	0.18	38	870	< 2	14	0.31	267	< 10	32	30

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Page Number :2-A
Total Pages :2
Certificate Date: 06-JUL-97
Invoice No. : I9729849
P.O. Number : LY97-10
Account : BM W

CERTIFICATE OF ANALYSIS A9729849

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)
200317	205 294	< 5	< 0.2	6.39	790	1.5	2	1.20	< 0.5	51	40	103	8.17	3.74	5.03
200318	205 294	< 5	< 0.2	6.35	900	0.5	< 2	0.74	< 0.5	40	34	167	7.85	3.98	4.56

CERTIFICATION: David Chiles

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Page Number :2-B
Total Pages :2
Certificate Date: 06-JUL-97
Invoice No. : I9729849
P.O. Number : LY97-10
Account : BM W

CERTIFICATE OF ANALYSIS A9729849

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		
200317	205	294	895	3	0.16	36	960	< 2	13	0.44	290	< 10	30	10		
200318	205	294	645	3	0.14	36	890	< 2	14	0.38	288	< 10	28	20		

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9729913

Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON HOLE # LY97-10.

CERTIFICATE A9729913

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD
P.O. # : LY97-10

Samples submitted to our lab in Vancouver, BC.
This report was printed on 6-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	15	Geochem ring to approx 150 mesh
294	15	4-7 Kg crush and split
3202	15	Rock - save entire reject
214	1	Rcvd as pulp; mesh size checked
285	16	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	16	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	16	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	16	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	16	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	16	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	16	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	16	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	16	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	16	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	16	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	16	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	16	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	16	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	16	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	16	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	16	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	16	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	16	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	16	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	16	Pb ppm: 24 element, rock & core	AAS	2	10000
582	16	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	16	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	16	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	16	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	16	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	16	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Page Number : 1-A
Total Pages : 1
Certificate Date: 06-JUL-97
Invoice No. : 19729913
P.O. Number : LY97-10
Account : BM W

CERTIFICATE OF ANALYSIS A9729913

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)
200136	205 294	30	< 0.2	7.43	1060	1.5	< 2	2.92	< 0.5	9	50	34	5.89	6.67	1.75
200137	205 294	< 5	< 0.2	7.59	560	2.0	< 2	2.81	< 0.5	14	57	22	5.85	4.02	2.24
200138	205 294	< 5	< 0.2	7.07	510	2.0	< 2	3.03	< 0.5	15	49	29	5.86	4.75	1.95
200139	205 294	15	< 0.2	6.73	810	0.5	< 2	2.61	< 0.5	90	59	95	5.69	4.84	1.37
200140	205 294	10	< 0.2	6.14	750	0.5	< 2	2.79	< 0.5	70	51	212	5.65	5.56	1.49
200141	205 294	< 5	< 0.2	6.85	920	1.0	< 2	3.11	< 0.5	81	23	232	5.78	6.27	2.25
200142	205 294	< 5	< 0.2	6.65	780	1.0	< 2	3.19	< 0.5	35	35	209	4.89	4.68	1.74
200143	205 294	< 5	< 0.2	6.38	620	1.0	< 2	3.66	< 0.5	37	53	206	4.52	4.48	1.93
200144	214 285	150	< 0.2	4.17	1070	1.0	< 2	1.41	1.5	8	111	98	3.28	1.24	0.60
200145	205 294	< 5	< 0.2	5.78	550	0.5	< 2	4.61	< 0.5	41	56	314	4.17	4.16	2.36
200146	205 294	< 5	< 0.2	6.32	660	0.5	< 2	3.14	< 0.5	28	57	188	4.61	4.89	1.71
200147	205 294	30	< 0.2	6.54	730	1.5	< 2	4.44	< 0.5	21	47	158	4.91	4.43	2.45
200148	205 294	20	< 0.2	6.94	910	0.5	< 2	2.56	< 0.5	16	59	87	5.42	6.18	1.21
200149	205 294	15	< 0.2	7.33	820	1.5	< 2	2.95	< 0.5	33	51	64	4.69	5.42	1.67
200150	205 294	10	< 0.2	6.58	640	1.5	< 2	5.78	< 0.5	31	26	88	4.50	4.66	2.97
200151	205 294	20	< 0.2	6.86	650	1.5	< 2	3.08	< 0.5	22	42	14	6.41	5.35	1.81

CERTIFICATION: Stewart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 06-JUL-97
Invoice No. :I9729913
P.O. Number :LY97-10
Account :BM W

CERTIFICATE OF ANALYSIS A9729913

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		
200136	205	294	1600	3	0.12	24	690	< 2	19	0.20	76	< 10	8	70		
200137	205	294	1645	2	0.11	60	660	< 2	19	0.18	73	< 10	8	240		
200138	205	294	1490	5	0.09	28	810	< 2	18	0.18	82	< 10	8	60		
200139	205	294	1345	12	0.16	22	900	< 2	20	0.15	115	< 10	6	100		
200140	205	294	1350	5	0.14	26	690	< 2	20	0.14	92	< 10	8	50		
200141	205	294	1615	6	0.11	59	1380	< 2	23	0.26	262	< 10	12	50		
200142	205	294	1500	6	0.12	22	1150	< 2	25	0.24	207	< 10	6	70		
200143	205	294	1805	5	0.15	18	750	< 2	28	0.09	83	< 10	6	30		
200144	214	285	245	15	0.08	43	1200	12	107	0.19	317	20	102	30		
200145	205	294	2340	3	0.13	18	620	< 2	28	0.07	52	< 10	6	50		
200146	205	294	1365	6	0.13	18	680	< 2	26	0.08	57	< 10	8	70		
200147	205	294	2100	13	0.14	32	720	< 2	30	0.12	124	< 10	10	70		
200148	205	294	1200	10	0.15	9	980	< 2	24	0.15	77	< 10	22	110		
200149	205	294	1430	10	0.16	23	830	< 2	22	0.12	153	< 10	6	60		
200150	205	294	2830	13	0.14	34	810	< 2	37	0.14	143	< 10	8	70		
200151	205	294	1565	12	0.12	32	660	< 2	23	0.16	173	< 10	8	80		

CERTIFICATION: David Buchholz

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9729915

Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON Hole # LY97-10

CERTIFICATE A9729915

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD
P.O. # : LY97-10

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	68	Geochem ring to approx 150 mesh
294	68	4-7 Kg crush and split
3202	68	Rock - save entire reject
214	1	Rcvd as pulp; mesh size checked
285	69	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	69	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	69	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	69	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	69	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	69	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	69	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	69	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	69	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	69	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	69	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	69	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	69	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	69	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	69	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	69	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	69	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	69	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	69	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	69	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	69	Pb ppm: 24 element, rock & core	AAS	2	10000
582	69	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	69	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	69	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	69	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	69	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	69	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 15-JUL-97
Invoice No. :I9729915
P.O. Number :LY97-10
Account :BM W

CERTIFICATE OF ANALYSIS A9729915

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)
200001	205	294	< 5	< 0.2	0.19	60	< 0.5	< 2	18.05	< 0.5	< 1	< 1	8	2.84	0.13	10.90
200002	205	294	< 5	< 0.2	0.32	90	< 0.5	2	17.75	< 0.5	3	1	48	3.83	0.21	10.70
200003	205	294	< 5	< 0.2	0.75	80	< 0.5	< 2	15.80	< 0.5	3	6	11	3.07	0.55	9.59
200004	205	294	< 5	< 0.2	0.49	130	< 0.5	< 2	16.70	< 0.5	6	1	61	3.10	0.31	9.25
200005	205	294	< 5	< 0.2	0.35	70	< 0.5	2	16.90	< 0.5	2	< 1	42	2.51	0.24	9.64
200006	205	294	< 5	< 0.2	0.73	90	< 0.5	< 2	13.90	< 0.5	4	8	85	2.09	0.54	8.30
200007	205	294	< 5	< 0.2	0.97	110	< 0.5	< 2	16.50	< 0.5	4	1	15	2.03	0.73	10.30
200008	205	294	< 5	< 0.2	0.66	100	< 0.5	< 2	17.20	< 0.5	3	< 1	26	2.02	0.47	10.55
200009	205	294	< 5	< 0.2	0.45	80	< 0.5	< 2	16.95	< 0.5	3	< 1	40	2.15	0.33	10.55
200010	205	294	< 5	< 0.2	0.62	90	< 0.5	6	15.90	< 0.5	93	1	315	2.35	0.43	9.62
200011	205	294	< 5	< 0.2	1.09	130	< 0.5	2	14.00	< 0.5	13	5	401	2.05	0.76	8.52
200012	205	294	< 5	< 0.2	1.34	200	< 0.5	12	13.10	< 0.5	26	16	159	2.82	1.02	7.94
200013	205	294	< 5	< 0.2	1.31	220	< 0.5	4	14.85	< 0.5	38	5	194	2.02	1.04	9.06
200014	205	294	< 5	< 0.2	1.28	200	< 0.5	6	15.10	< 0.5	56	4	224	2.55	0.85	8.96
200015	205	294	< 5	< 0.2	1.05	170	< 0.5	4	14.85	< 0.5	124	2	715	3.07	0.72	8.71
200016	205	294	< 5	< 0.2	4.90	1710	1.5	< 2	8.14	< 0.5	79	40	718	3.73	3.92	3.97
200017	205	294	< 5	< 0.2	7.15	1760	2.5	< 2	3.70	< 0.5	26	49	11	5.73	5.12	1.49
200018	205	294	< 5	< 0.2	7.17	1480	2.0	< 2	4.49	< 0.5	41	124	17	4.97	5.37	2.16
200019	205	294	< 5	< 0.2	7.03	1750	2.0	< 2	5.17	< 0.5	49	147	16	3.92	5.27	2.69
200020	205	294	15	1.2	6.53	860	2.0	2	4.80	< 0.5	251	63	108	5.56	5.18	2.22
200021	205	294	< 5	< 0.2	6.68	7190	1.5	< 2	4.56	< 0.5	15	50	11	5.63	4.85	2.05
200022	205	294	< 5	< 0.2	6.47	6680	1.5	< 2	4.70	< 0.5	17	44	8	4.99	4.77	2.63
200023	205	294	< 5	< 0.2	6.41	2640	1.5	< 2	4.58	< 0.5	17	37	4	4.64	4.62	2.50
200024	205	294	< 5	< 0.2	6.15	3820	1.5	< 2	5.62	< 0.5	21	40	3	5.02	4.41	2.95
200025	205	294	< 5	< 0.2	6.60	4380	1.5	< 2	5.05	< 0.5	24	44	5	4.40	4.82	2.41
200026	205	294	< 5	< 0.2	6.64	1440	1.5	< 2	5.00	< 0.5	26	47	10	4.36	4.80	2.00
200027	205	294	< 5	< 0.2	7.13	1090	2.0	< 2	3.62	< 0.5	21	47	2	4.79	5.11	2.06
200028	205	294	< 5	< 0.2	6.40	1590	1.5	< 2	4.04	< 0.5	20	44	2	4.42	4.57	2.40
200029	205	294	< 5	< 0.2	5.74	690	1.5	< 2	6.42	< 0.5	17	37	4	4.65	4.40	3.79
200030	205	294	< 5	< 0.2	6.07	1950	1.5	< 2	4.36	< 0.5	21	44	3	4.50	4.39	2.67
200031	205	294	< 5	< 0.2	7.48	3270	2.5	< 2	3.14	< 0.5	25	53	10	4.60	5.31	2.15
200032	205	294	< 5	< 0.2	6.61	1440	2.0	< 2	4.12	< 0.5	24	41	6	4.58	4.91	2.51
200033	205	294	< 5	< 0.2	6.45	1550	1.5	< 2	4.20	< 0.5	25	38	2	4.69	4.61	2.25
200034	205	294	< 5	< 0.2	6.60	1130	1.5	< 2	4.83	< 0.5	27	37	2	4.74	4.67	2.92
200035	205	294	< 5	< 0.2	6.04	940	1.5	2	4.91	< 0.5	23	36	2	4.61	4.46	2.87
200036	214	285	295	< 0.2	6.04	1330	2.0	< 2	4.15	0.5	6	55	33	2.10	2.31	1.39
200037	205	294	10	< 0.2	6.31	1150	1.5	< 2	5.68	< 0.5	24	36	2	5.02	5.00	3.27
200038	205	294	< 5	< 0.2	6.35	610	1.5	< 2	5.13	< 0.5	25	40	2	5.06	4.13	2.94
200039	205	294	< 5	< 0.2	7.18	3890	2.0	< 2	3.39	< 0.5	19	49	1	5.43	4.59	2.17
200040	205	294	< 5	< 0.2	7.08	660	2.0	< 2	4.42	< 0.5	23	49	1	4.67	4.72	2.72

CERTIFICATION: Stuart Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 15-JUL-97
Invoice No. :19729915
P.O. Number :LY97-10
Account :BM W

CERTIFICATE OF ANALYSIS A9729915

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		
200001	205 294	3230	< 1	0.01	3	70	18	41	< 0.01	7	< 10	26	< 10		
200002	205 294	3250	1	0.01	5	90	38	42	< 0.01	10	< 10	32	< 10		
200003	205 294	2940	1	0.01	7	170	32	45	0.01	19	< 10	24	< 10		
200004	205 294	3510	4	< 0.01	6	100	24	40	0.01	13	10	40	< 10		
200005	205 294	3500	< 1	< 0.01	5	110	10	46	< 0.01	8	< 10	28	10		
200006	205 294	2470	< 1	< 0.01	9	110	24	39	0.01	12	< 10	26	10		
200007	205 294	2380	< 1	< 0.01	9	160	8	49	0.02	14	< 10	20	< 10		
200008	205 294	2270	< 1	< 0.01	6	110	6	55	0.01	9	< 10	20	< 10		
200009	205 294	1910	< 1	< 0.01	6	100	12	51	0.01	7	< 10	16	< 10		
200010	205 294	2490	< 1	< 0.01	99	120	16	53	0.01	11	< 10	24	< 10		
200011	205 294	2200	< 1	< 0.01	15	220	18	58	0.02	17	< 10	20	< 10		
200012	205 294	2170	1	0.01	17	260	28	59	0.03	24	< 10	18	< 10		
200013	205 294	2270	< 1	< 0.01	12	260	10	63	0.03	23	< 10	14	< 10		
200014	205 294	2450	1	< 0.01	13	170	10	72	0.02	21	< 10	16	< 10		
200015	205 294	2650	1	< 0.01	24	180	16	69	0.02	17	< 10	16	< 10		
200016	205 294	2750	5	0.11	16	510	< 2	54	0.18	55	< 10	18	30		
200017	205 294	2020	13	0.10	22	740	< 2	27	0.28	73	< 10	14	60		
200018	205 294	2620	9	0.12	36	520	< 2	38	0.25	98	< 10	14	40		
200019	205 294	3300	7	0.16	50	500	< 2	44	0.21	128	< 10	14	20		
200020	205 294	3040	13	0.12	59	670	< 2	37	0.25	91	< 10	14	30		
200021	205 294	2560	8	0.10	26	650	< 2	81	0.19	71	< 10	12	50		
200022	205 294	2810	7	0.12	25	670	< 2	112	0.18	71	< 10	12	60		
200023	205 294	2670	6	0.13	24	660	< 2	47	0.18	65	< 10	12	50		
200024	205 294	3800	5	0.12	24	630	< 2	61	0.23	64	< 10	14	40		
200025	205 294	3600	5	0.12	26	630	< 2	58	0.26	65	< 10	14	40		
200026	205 294	3470	8	0.09	25	610	< 2	33	0.27	65	< 10	14	40		
200027	205 294	2580	7	0.12	28	670	< 2	25	0.28	72	< 10	12	50		
200028	205 294	3140	4	0.15	29	670	< 2	34	0.25	61	< 10	12	40		
200029	205 294	3570	4	0.14	24	570	< 2	30	0.22	58	< 10	14	40		
200030	205 294	3040	5	0.15	23	650	< 2	40	0.20	77	< 10	8	100		
200031	205 294	2770	7	0.12	23	690	< 2	49	0.27	74	< 10	14	50		
200032	205 294	3440	4	0.10	24	650	< 2	37	0.25	69	< 10	12	50		
200033	205 294	3400	6	0.14	27	630	< 2	35	0.26	63	< 10	12	40		
200034	205 294	3780	4	0.14	29	670	< 2	35	0.26	67	< 10	12	40		
200035	205 294	3710	4	0.11	26	570	< 2	33	0.23	59	< 10	10	40		
200036	214 285	395	7	0.91	48	880	14	220	0.27	202	30	156	30		
200037	205 294	4000	4	0.17	22	630	< 2	40	0.23	64	< 10	12	40		
200038	205 294	4000	5	0.15	27	660	< 2	31	0.24	61	< 10	12	50		
200039	205 294	2560	5	0.09	24	680	< 2	58	0.26	71	< 10	12	50		
200040	205 294	3700	3	0.12	28	600	< 2	27	0.29	70	< 10	12	50		

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 15-JUL-97
Invoice No. :I9729915
P.O. Number :LY97-10
Account :BM W

CERTIFICATE OF ANALYSIS A9729915

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)
200041	205	294	< 5	< 0.2	7.18	560	2.0	< 2	4.53	< 0.5	26	49	2	4.63	4.71	2.81
200042	205	294	< 5	< 0.2	7.23	550	2.0	< 2	3.76	< 0.5	23	53	1	4.39	4.54	2.39
200043	205	294	< 5	< 0.2	7.26	690	2.0	< 2	3.81	< 0.5	21	47	1	4.38	4.61	2.48
200044	205	294	< 5	< 0.2	6.03	410	1.5	< 2	4.86	< 0.5	26	40	3	4.58	3.94	2.68
200045	205	294	< 5	< 0.2	6.88	760	2.0	< 2	4.41	< 0.5	27	45	4	4.75	5.04	2.53
200046	205	294	< 5	< 0.2	6.56	1400	1.5	< 2	5.07	< 0.5	31	45	4	4.93	5.23	2.87
200047	205	294	< 5	< 0.2	6.61	1690	2.0	< 2	5.16	< 0.5	32	40	48	4.82	4.96	2.85
200048	205	294	< 5	< 0.2	6.40	1600	1.5	< 2	4.87	< 0.5	29	44	10	5.03	5.11	2.68
200049	205	294	< 5	< 0.2	7.05	880	2.0	< 2	4.61	< 0.5	29	48	7	5.18	5.29	2.62
200050	205	294	< 5	< 0.2	6.33	1110	1.5	< 2	5.06	< 0.5	30	39	8	4.96	4.73	2.86
200051	205	294	< 5	< 0.2	6.41	1300	1.5	< 2	5.16	< 0.5	29	41	11	4.71	4.98	2.71
200052	205	294	< 5	< 0.2	6.23	2200	1.5	< 2	5.04	< 0.5	29	45	91	5.16	4.50	2.53
200053	205	294	< 5	< 0.2	6.38	1970	1.5	< 2	4.89	< 0.5	32	44	18	4.80	5.19	2.26
200054	205	294	< 5	< 0.2	6.78	3220	2.0	< 2	3.48	< 0.5	31	48	141	5.05	5.28	1.99
200055	205	294	< 5	< 0.2	7.16	1880	2.0	2	4.19	< 0.5	34	46	364	5.64	5.15	2.36
200056	205	294	< 5	< 0.2	7.09	1410	2.0	< 2	3.59	< 0.5	28	70	1490	6.18	4.83	1.96
200057	205	294	< 5	< 0.2	6.44	1780	1.5	< 2	4.21	< 0.5	23	44	54	5.66	4.43	2.41
200058	205	294	< 5	< 0.2	6.63	1360	1.5	< 2	3.91	< 0.5	20	44	36	5.21	4.08	2.21
200059	205	294	< 5	< 0.2	6.44	7710	2.5	2	4.02	0.5	35	61	25	7.82	5.02	2.73
200060	205	294	< 5	< 0.2	7.07	4730	2.0	< 2	3.82	< 0.5	29	45	117	5.33	5.86	1.90
200061	205	294	< 5	< 0.2	7.10	4480	2.0	< 2	3.09	< 0.5	24	43	105	4.77	6.01	1.64
200062	205	294	< 5	< 0.2	8.73	5150	2.5	< 2	2.55	< 0.5	25	57	7	5.56	6.94	1.62
200063	205	294	30	< 0.2	5.70	3040	1.5	< 2	1.22	< 0.5	15	62	20	8.13	4.60	0.74
200064	205	294	10	< 0.2	7.17	1610	2.5	< 2	3.65	< 0.5	29	47	143	5.68	5.74	2.10
200065	205	294	< 5	< 0.2	6.05	2860	1.5	< 2	5.84	< 0.5	23	56	598	4.78	5.14	3.18
200066	205	294	< 5	< 0.2	7.13	6020	2.0	< 2	2.81	< 0.5	25	65	346	5.01	5.89	1.71
200067	205	294	< 5	< 0.2	8.39	6500	2.5	< 2	1.82	< 0.5	23	51	28	5.29	6.54	1.39
200068	205	294	< 5	< 0.2	7.87	3840	2.5	< 2	2.26	< 0.5	21	56	152	4.24	6.18	1.50
200069	205	294	< 5	< 0.2	7.83	7400	2.0	< 2	2.27	< 0.5	24	70	176	4.43	6.54	1.22

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 15-JUL-97
Invoice No. :I9729915
P.O. Number :LY97-10
Account :BM W

CERTIFICATE OF ANALYSIS A9729915

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		
200041	205	294	3890	3	0.14	30	660	< 2	27	0.28	70	10	12	40		
200042	205	294	3030	5	0.12	30	690	< 2	22	0.28	72	< 10	12	50		
200043	205	294	3130	3	0.12	29	650	< 2	24	0.27	70	< 10	12	50		
200044	205	294	4140	5	0.12	28	640	< 2	26	0.24	57	< 10	10	40		
200045	205	294	3420	4	0.14	29	670	< 2	29	0.25	73	< 10	10	40		
200046	205	294	4000	3	0.11	25	640	< 2	39	0.24	68	< 10	10	40		
200047	205	294	4390	6	0.08	26	630	< 2	42	0.24	69	< 10	10	40		
200048	205	294	3990	4	0.12	24	650	< 2	40	0.26	70	< 10	10	40		
200049	205	294	3600	6	0.13	30	680	< 2	35	0.28	74	< 10	10	40		
200050	205	294	4340	2	0.13	27	640	< 2	34	0.25	65	< 10	10	40		
200051	205	294	4290	5	0.13	24	600	< 2	38	0.25	66	< 10	10	40		
200052	205	294	4430	8	0.12	29	620	< 2	48	0.25	65	< 10	10	40		
200053	205	294	4360	6	0.15	25	680	< 2	43	0.21	69	< 10	10	40		
200054	205	294	3160	6	0.12	26	650	< 2	60	0.24	68	< 10	10	50		
200055	205	294	3860	7	0.14	29	670	< 2	43	0.25	73	< 10	12	50		
200056	205	294	3970	7	0.09	32	630	< 2	37	0.24	71	< 10	10	50		
200057	205	294	4660	6	0.05	28	640	< 2	51	0.24	66	< 10	10	50		
200058	205	294	4730	4	0.09	31	650	< 2	42	0.25	65	< 10	10	50		
200059	205	294	4290	20	0.10	38	990	< 2	144	0.23	97	10	20	110		
200060	205	294	5870	7	0.09	32	710	< 2	126	0.22	72	< 10	10	40		
200061	205	294	4680	7	0.11	28	620	< 2	132	0.22	66	< 10	10	40		
200062	205	294	3760	6	0.15	38	810	< 2	88	0.28	86	< 10	12	50		
200063	205	294	1305	15	0.09	25	670	< 2	561	0.18	60	< 10	10	60		
200064	205	294	5650	6	0.13	33	620	< 2	39	0.27	74	< 10	10	50		
200065	205	294	6110	4	0.18	24	570	< 2	62	0.22	58	< 10	12	40		
200066	205	294	3970	5	0.14	31	770	< 2	104	0.27	73	< 10	12	50		
200067	205	294	2540	5	0.15	36	820	< 2	104	0.31	81	< 10	10	60		
200068	205	294	2750	3	0.12	33	680	< 2	368	0.27	73	< 10	10	40		
200069	205	294	3450	6	0.17	31	690	< 2	94	0.21	70	< 10	10	40		

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9729919

Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON HOLE # LY97-10

CERTIFICATE A9729919

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD
P.O. # : LY97-10

Samples submitted to our lab in Vancouver, BC.
This report was printed on 6-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	50	Geochem ring to approx 150 mesh
294	50	4-7 Kg crush and split
3202	50	Rock - save entire reject
214	2	Rcvd as pulp; mesh size checked
285	52	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	52	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	52	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	52	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	52	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	52	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	52	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	52	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	52	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	52	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	52	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	52	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	52	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	52	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	52	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	52	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	52	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	52	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	52	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	52	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	52	Pb ppm: 24 element, rock & core	AAS	2	10000
582	52	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	52	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	52	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	52	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	52	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	52	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 06-JUL-97
Invoice No. : I9729919
P.O. Number : LY97-10
Account : BM W

CERTIFICATE OF ANALYSIS A9729919

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		
200070	205	294	4110	5	0.13	27	610	< 2	128	0.25	62	< 10	10	70		
200071	205	294	3310	5	0.15	30	650	< 2	74	0.28	69	< 10	10	80		
200072	205	294	4330	5	0.17	35	660	< 2	87	0.28	77	< 10	14	70		
200073	214	285	400	7	1.03	48	870	8	238	0.28	209	30	152	50		
200074	205	294	4100	8	0.09	33	630	< 2	61	0.27	76	< 10	10	60		
200075	205	294	4940	12	0.14	27	620	< 2	72	0.26	71	< 10	10	60		
200076	205	294	5400	27	0.11	23	680	< 2	160	0.21	60	< 10	10	60		
200086	205	294	4590	29	0.12	22	690	< 2	312	0.18	82	< 10	8	70		
200087	205	294	5700	17	0.15	15	570	< 2	198	0.13	56	< 10	10	70		
200088	205	294	4000	7	0.12	27	670	< 2	167	0.15	75	< 10	10	80		
200089	205	294	4270	8	0.11	28	670	< 2	348	0.13	72	10	10	70		
200090	205	294	3760	7	0.15	28	690	< 2	116	0.21	74	< 10	10	90		
200096	205	294	3050	15	0.13	32	700	< 2	52	0.28	76	< 10	10	80		
200097	205	294	4290	6	0.11	29	660	< 2	92	0.24	64	< 10	10	70		
200098	205	294	2920	8	0.16	31	700	< 2	53	0.28	77	< 10	52	70		
200099	205	294	3910	6	0.16	29	680	< 2	41	0.25	72	< 10	10	70		
200100	205	294	3000	7	0.11	29	710	< 2	28	0.26	75	< 10	12	90		
200101	205	294	3800	6	0.15	29	670	< 2	57	0.21	69	< 10	12	80		
200102	205	294	4130	4	0.15	31	610	< 2	46	0.17	72	< 10	8	70		
200103	205	294	3770	9	0.16	31	710	< 2	28	0.20	78	< 10	10	80		
200104	205	294	2690	6	0.10	29	670	< 2	19	0.23	77	10	10	70		
200105	205	294	3560	6	0.15	29	650	< 2	28	0.23	73	10	10	70		
200106	205	294	3180	7	0.13	29	700	< 2	38	0.21	73	< 10	10	90		
200107	205	294	3910	5	0.16	30	620	< 2	29	0.18	74	< 10	8	80		
200108	214	285	405	6	1.06	47	870	12	236	0.28	211	30	152	50		
200109	205	294	3480	5	0.16	28	710	< 1	29	0.19	72	< 10	10	80		
200110	205	294	2920	2	0.12	27	650	< 1	27	0.21	61	< 10	6	60		
200111	205	294	3150	11	0.14	30	780	< 1	22	0.21	106	< 10	8	60		
200112	205	294	3260	9	0.12	28	620	< 1	27	0.21	71	< 10	8	50		
200113	205	294	2930	4	0.15	26	630	< 1	42	0.25	66	< 10	22	60		
200114	205	294	1950	5	0.06	22	690	< 1	17	0.25	66	< 10	6	50		
200115	205	294	2020	4	0.13	16	720	< 1	34	0.24	70	< 10	6	50		
200116	205	294	3080	7	0.15	17	750	< 2	33	0.25	72	< 10	6	70		
200117	205	294	2580	7	0.16	28	650	< 2	24	0.25	66	10	28	60		
200118	205	294	3050	5	0.16	68	410	< 2	24	0.28	187	< 10	14	30		
200119	205	294	2790	11	0.16	22	700	< 2	25	0.19	73	< 10	6	60		
200120	205	294	2880	14	0.14	46	530	< 2	23	0.23	168	< 10	6	40		
200121	205	294	2580	23	0.14	32	750	< 2	25	0.18	96	< 10	6	70		
200122	205	294	3680	62	0.17	51	420	< 2	30	0.34	194	< 10	8	130		
200123	205	294	2930	6	0.18	21	710	< 2	27	0.21	93	< 10	6	60		

CERTIFICATION: Stewart Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 06-JUL-97
Invoice No. :19729919
P.O. Number :LY97-10
Account :BM W

CERTIFICATE OF ANALYSIS A9729919

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)
200124	205	294	< 5	< 0.2	6.53	970	0.5	< 2	3.42	< 0.5	8	50	18	5.58	7.34	1.81
200125	205	294	< 5	< 0.2	6.13	380	1.5	< 2	4.87	< 0.5	8	42	5	4.69	4.62	2.97
200126	205	294	< 5	< 0.2	6.12	400	2.0	< 2	5.30	< 0.5	8	41	11	4.67	3.79	3.39
200127	205	294	15	< 0.2	7.09	780	1.0	< 2	2.73	< 0.5	7	55	9	4.82	6.78	1.66
200128	205	294	5	< 0.2	6.85	720	1.5	< 2	3.32	< 0.5	8	46	8	5.19	6.23	1.96
200129	205	294	< 5	< 0.2	6.86	740	1.5	< 2	3.61	< 0.5	12	49	42	5.11	5.98	2.10
200130	205	294	10	< 0.2	7.50	1060	1.0	< 2	3.33	< 0.5	12	48	34	6.94	7.01	1.78
200131	205	294	< 5	< 0.2	7.51	530	2.5	< 2	2.66	< 0.5	11	55	7	6.22	5.07	1.95
200132	205	294	< 5	< 0.2	7.72	470	2.5	< 2	2.57	< 0.5	11	53	9	5.78	5.03	2.00
200133	205	294	< 5	< 0.2	7.29	450	2.5	< 2	3.11	< 0.5	11	48	17	6.00	4.77	2.16
200134	205	294	< 5	< 0.2	7.78	490	3.0	< 2	3.07	< 0.5	11	63	293	5.78	5.10	2.24
200135	205	294	5	< 0.2	6.70	870	1.5	< 2	3.88	< 0.5	10	48	74	5.78	6.20	2.17

CERTIFICATION: Ivan J. Barker

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 06-JUL-97
Invoice No. :19729919
P.O. Number :LY97-10
Account :BM W

CERTIFICATE OF ANALYSIS A9729919

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		
200124	205 294	2020	4	0.14	17	680	< 2	22	0.20	68	< 10	4	80		
200125	205 294	3000	1	0.11	26	570	< 2	20	0.17	59	< 10	6	70		
200126	205 294	3400	3	0.12	28	540	< 2	24	0.19	65	< 10	6	70		
200127	205 294	1635	6	0.13	20	700	< 2	18	0.18	65	< 10	4	90		
200128	205 294	1945	3	0.13	24	640	< 2	19	0.18	64	< 10	4	40		
200129	205 294	2340	4	0.10	24	650	< 2	23	0.21	77	< 10	6	60		
200130	205 294	2310	5	0.13	23	710	< 2	22	0.22	73	< 10	6	30		
200131	205 294	1650	5	0.10	31	720	< 2	16	0.26	79	< 10	6	50		
200132	205 294	1475	3	0.12	32	700	< 2	16	0.27	79	< 10	6	80		
200133	205 294	1840	3	0.11	29	700	< 2	17	0.25	78	< 10	6	70		
200134	205 294	1805	2	0.12	31	660	< 2	18	0.28	93	< 10	6	80		
200135	205 294	2230	6	0.12	24	700	< 2	25	0.19	72	< 10	6	90		

CERTIFICATION: 

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9730901

Comments: ATTN: MIKE STAMMERS CC: RICHARD GORTON HOLE# LY97-10

CERTIFICATE A9730901

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD
P.O. # : LY97-10

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	63	Geochem ring to approx 150 mesh
294	63	4-7 Kg crush and split
3202	63	Rock - save entire reject
214	2	Rcvd as pulp; mesh size checked
285	65	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	65	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	65	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	65	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	65	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	65	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	65	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	65	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	65	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	65	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	65	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	65	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	65	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	65	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	65	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	65	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	65	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	65	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	65	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	65	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	65	Pb ppm: 24 element, rock & core	AAS	2	10000
582	65	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	65	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	65	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	65	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	65	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	65	La ppm: 20 element, rock ID	ICP-AES	10	10000

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To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Page Number :1-A
Total Pages :2
Certificate Date: 15-JUL-97
Invoice No. :I9730901
P.O. Number :LY97-10
Account :BM W

Project : FAIRCHILD
Comments: ATTN: MIKE STAMMERS CC: RICHARD GORTON

CERTIFICATE OF ANALYSIS A9730901

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)
200212	205	294	15	< 0.2	6.36	820	1.0	2	3.44	< 0.5	17	54	467	4.80	6.38	1.85
200213	205	294	10	< 0.2	7.05	880	1.0	< 2	3.68	< 0.5	5	71	433	4.72	7.10	2.07
200214	205	294	< 5	< 0.2	6.50	500	1.5	< 2	5.93	< 0.5	10	45	47	5.41	4.65	3.33
200215	205	294	< 5	< 0.2	6.21	370	2.0	2	4.49	< 0.5	10	41	76	4.53	4.28	2.78
200216	205	294	< 5	< 0.2	7.43	580	2.0	< 2	3.86	< 0.5	15	48	16	4.69	5.36	2.57
200217	214	285	250	< 0.2	6.64	1460	2.0	< 2	4.46	0.5	7	61	36	2.31	2.53	1.55
200218	205	294	< 5	< 0.2	7.35	660	2.0	< 2	3.24	< 0.5	14	50	8	4.84	4.82	2.25
200219	205	294	< 5	< 0.2	7.37	550	2.5	< 2	3.09	< 0.5	14	46	10	5.08	4.99	2.28
200220	205	294	< 5	< 0.2	6.16	450	2.0	< 2	4.75	< 0.5	14	42	7	5.48	4.31	2.90
200221	205	294	< 5	< 0.2	7.39	570	2.5	< 2	3.41	< 0.5	16	54	13	4.48	5.08	2.38
200222	205	294	< 5	< 0.2	7.67	620	2.5	< 2	3.38	< 0.5	16	50	39	4.62	5.47	2.34
200223	205	294	< 5	< 0.2	7.60	740	2.5	< 2	2.91	< 0.5	15	58	67	4.33	5.61	2.06
200224	205	294	15	< 0.2	8.00	610	3.0	< 2	2.80	< 0.5	15	65	17	5.11	3.73	2.15
200225	205	294	10	< 0.2	7.44	480	3.0	< 2	3.08	< 0.5	12	51	1	4.68	4.23	2.28
200226	205	294	< 5	< 0.2	8.62	590	3.5	2	2.60	< 0.5	11	66	28	4.96	5.04	2.17
200227	205	294	20	< 0.2	6.68	410	2.5	2	4.21	< 0.5	14	64	233	5.02	4.43	2.74
200228	205	294	10	< 0.2	7.12	780	2.0	< 2	4.09	< 0.5	11	45	21	4.94	4.79	2.56
200229	205	294	35	< 0.2	6.89	890	1.0	< 2	4.62	< 0.5	11	37	17	4.38	5.22	2.47
200230	205	294	20	< 0.2	7.28	880	2.0	2	4.13	< 0.5	9	43	5	4.35	5.80	2.54
200231	205	294	15	< 0.2	7.12	820	1.5	< 2	4.74	< 0.5	9	53	7	4.05	4.76	2.80
200232	205	294	10	< 0.2	6.45	790	1.0	< 2	5.85	< 0.5	10	33	3	4.18	4.48	3.26
200233	205	294	10	< 0.2	6.98	600	1.5	< 2	5.06	< 0.5	7	38	4	3.84	4.03	3.02
200234	205	294	< 5	< 0.2	7.14	710	1.5	< 2	4.18	< 0.5	7	46	34	4.13	4.87	2.54
200235	205	294	10	< 0.2	6.52	650	1.5	< 2	5.33	< 0.5	8	51	4	4.23	3.98	3.07
200236	205	294	5	< 0.2	5.96	600	1.0	< 2	5.33	< 0.5	9	57	3	4.12	3.63	3.02
200237	205	294	< 5	< 0.2	6.04	780	0.5	< 2	4.33	< 0.5	6	28	1	3.19	3.52	2.48
200238	205	294	< 5	< 0.2	6.39	930	1.0	< 2	5.42	< 0.5	7	35	< 1	3.08	3.94	3.12
200239	205	294	< 5	< 0.2	5.20	950	1.0	< 2	6.77	0.5	9	36	15	3.28	3.70	3.74
200240	205	294	< 5	< 0.2	5.57	350	1.0	< 2	6.04	< 0.5	8	34	< 1	3.39	3.32	3.48
200241	205	294	45	< 0.2	6.71	410	1.5	< 2	4.76	< 0.5	7	42	4	3.64	4.37	2.91
200242	205	294	< 5	< 0.2	7.54	760	1.5	< 2	4.62	< 0.5	6	43	1	4.12	4.33	2.84
200243	205	294	< 5	< 0.2	6.56	770	1.0	2	4.37	< 0.5	7	53	157	4.14	4.59	2.54
200244	205	294	15	< 0.2	7.16	930	0.5	< 2	3.13	< 0.5	4	83	5	4.84	6.94	1.62
200245	205	294	60	< 0.2	6.84	750	1.0	< 2	4.04	< 0.5	6	72	3	4.14	4.69	2.29
200246	205	294	25	< 0.2	7.12	250	2.0	< 2	4.68	< 0.5	6	45	1	4.44	3.24	3.07
200247	205	294	< 5	< 0.2	6.95	930	1.0	< 2	4.35	< 0.5	7	52	2	4.36	4.55	2.45
200248	205	294	< 5	< 0.2	7.20	570	2.5	< 2	4.86	< 0.5	11	42	23	3.08	3.88	2.90
200249	205	294	< 5	< 0.2	6.70	560	2.0	< 2	5.76	< 0.5	11	41	5	3.60	4.56	3.28
200250	205	294	< 5	0.4	5.93	580	1.5	< 2	6.20	< 0.5	11	67	18	3.50	3.23	3.47
200251	205	294	< 5	< 0.2	6.20	780	1.5	< 2	4.98	< 0.5	8	62	1	3.87	4.77	2.84

CERTIFICATION: Stewart Bachlet

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN: MIKE STAMMERS CC: RICHARD GORTON

Certificate Date: 15-JUL-97
Invoice No. : I9730901
P.O. Number : LY97-10
Account : BM W

CERTIFICATE OF ANALYSIS A9730901

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		
200212	205	294	1805	8	0.11	12	850	< 2	18	0.13	105	< 10	8	60		
200213	205	294	2080	6	0.16	15	920	< 2	20	0.13	87	< 10	8	60		
200214	205	294	3260	4	0.13	24	690	< 2	22	0.12	70	< 10	10	50		
200215	205	294	2590	7	0.10	27	580	< 2	18	0.17	63	< 10	8	40		
200216	205	294	2250	4	0.10	29	640	< 2	21	0.21	71	< 10	8	60		
200217	214	285	435	6	0.96	51	910	12	234	0.29	219	40	176	40		
200218	205	294	2030	7	0.12	27	690	< 2	21	0.24	72	< 10	8	50		
200219	205	294	1860	3	0.09	34	690	< 2	19	0.23	73	< 10	8	40		
200220	205	294	2960	3	0.09	30	570	< 2	21	0.17	58	< 10	12	60		
200221	205	294	2170	3	0.10	31	660	< 2	20	0.21	66	< 10	10	50		
200222	205	294	2080	3	0.10	32	630	< 2	18	0.21	69	< 10	8	50		
200223	205	294	1860	4	0.11	27	610	< 2	19	0.20	67	< 10	12	50		
200224	205	294	1890	3	0.10	31	650	< 2	18	0.23	74	< 10	8	50		
200225	205	294	2040	3	0.09	33	620	< 2	17	0.21	70	< 10	8	40		
200226	205	294	1640	4	0.12	38	760	< 2	21	0.26	82	< 10	8	40		
200227	205	294	3020	4	0.12	28	580	< 2	20	0.21	64	< 10	8	70		
200228	205	294	2380	4	0.12	23	670	< 2	20	0.20	71	< 10	8	50		
200229	205	294	2650	17	0.17	13	680	< 2	22	0.17	62	< 10	6	90		
200230	205	294	2200	25	0.13	23	720	< 2	22	0.16	71	< 10	8	60		
200231	205	294	2410	5	0.16	24	670	< 2	22	0.13	61	< 10	10	60		
200232	205	294	3100	3	0.16	25	610	< 2	24	0.13	58	< 10	8	30		
200233	205	294	2820	1	0.15	25	630	< 2	22	0.14	64	< 10	8	30		
200234	205	294	2140	3	0.14	25	660	< 2	21	0.15	62	< 10	12	60		
200235	205	294	2380	3	0.17	24	590	< 2	43	0.12	57	< 10	86	50		
200236	205	294	2370	2	0.13	24	490	< 2	24	0.14	55	< 10	26	30		
200237	205	294	1795	1	0.11	17	620	< 2	41	0.16	56	< 10	38	50		
200238	205	294	2400	1	0.14	27	590	< 2	50	0.17	64	< 10	76	30		
200239	205	294	2890	1	0.11	21	510	< 2	71	0.13	48	< 10	124	10		
200240	205	294	2730	1	0.13	21	610	< 2	25	0.14	47	< 10	26	10		
200241	205	294	2270	< 1	0.09	29	570	< 2	20	0.15	66	< 10	12	10		
200242	205	294	2250	3	0.17	29	770	< 2	25	0.21	75	< 10	12	50		
200243	205	294	2050	4	0.16	23	660	< 2	25	0.14	78	10	24	70		
200244	205	294	1385	4	0.18	12	710	< 2	21	0.16	59	< 10	16	30		
200245	205	294	1835	10	0.16	23	500	< 2	31	0.16	64	< 10	14	40		
200246	205	294	2390	2	0.14	33	440	< 2	17	0.19	61	< 10	8	20		
200247	205	294	2150	1	0.16	22	660	< 2	24	0.14	65	< 10	10	50		
200248	205	294	3070	3	0.12	32	660	< 2	26	0.22	71	< 10	10	50		
200249	205	294	3790	5	0.14	32	680	< 2	28	0.19	75	< 10	12	10		
200250	205	294	3800	2	0.16	25	590	< 2	32	0.15	56	10	28	70		
200251	205	294	3330	3	0.14	22	550	< 2	30	0.17	57	< 10	10	80		

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN: MIKE STAMMERS CC: RICHARD GORTON

Certificate Date: 15-JUL-97
Invoice No. : I9730901
P.O. Number : LY97-10
Account : BM W

CERTIFICATE OF ANALYSIS A9730901

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)
200252	205	294	< 5	< 0.2	6.74	610	2.0	< 2	5.20	< 0.5	10	42	1	4.05	3.30	3.10
200253	214	285	250	< 0.2	6.20	1380	2.0	2	4.15	0.5	6	56	33	2.14	2.00	1.44
200254	205	294	< 5	< 0.2	7.70	530	2.5	< 2	3.68	< 0.5	6	54	3	4.38	5.25	2.39
200255	205	294	10	< 0.2	5.65	1990	1.0	< 2	4.46	< 0.5	6	67	13	4.78	3.70	2.54
200256	205	294	< 5	< 0.2	7.12	850	1.5	< 2	3.67	< 0.5	4	61	7	3.98	4.08	2.21
200257	205	294	< 5	< 0.2	7.30	580	2.0	< 2	4.16	< 0.5	6	53	3	4.20	5.45	2.48
200258	205	294	< 5	< 0.2	6.73	830	1.5	< 2	3.43	< 0.5	4	46	5	4.43	5.17	2.10
200259	205	294	< 5	< 0.2	7.06	980	1.0	< 2	4.24	< 0.5	4	60	10	4.49	5.61	2.56
200260	205	294	< 5	< 0.2	7.18	850	1.5	< 2	3.08	< 0.5	10	71	75	5.16	6.29	2.26
200261	205	294	5	< 0.2	6.53	400	1.5	< 2	2.33	< 0.5	59	43	50	7.47	2.95	5.07
200262	205	294	< 5	< 0.2	5.78	490	1.0	< 2	3.38	< 0.5	44	44	434	7.28	3.20	4.75
200263	205	294	< 5	< 0.2	6.26	450	1.5	< 2	2.65	< 0.5	44	45	180	7.99	2.60	4.80
200264	205	294	< 5	< 0.2	6.35	300	1.5	< 2	2.70	< 0.5	38	41	40	8.01	3.00	5.29
200265	205	294	< 5	< 0.2	4.90	1140	< 0.5	< 2	6.66	< 0.5	117	59	890	5.32	4.83	3.57
200266	205	294	10	< 0.2	7.08	720	1.5	< 2	2.24	< 0.5	67	47	380	6.46	4.90	3.13
200267	205	294	< 5	< 0.2	6.32	460	1.5	< 2	3.60	< 0.5	51	48	35	5.92	3.79	3.92
200268	205	294	20	< 0.2	6.82	750	0.5	< 2	2.92	< 0.5	15	63	83	5.39	5.77	1.92
200269	205	294	25	< 0.2	7.21	340	2.0	2	2.82	< 0.5	37	38	726	5.86	3.56	4.46
200270	205	294	10	< 0.2	6.20	320	2.0	< 2	5.28	< 0.5	42	40	129	6.34	3.16	6.33
200271	205	294	20	< 0.2	7.11	550	1.0	< 2	2.64	< 0.5	4	64	134	4.53	6.16	2.14
200272	205	294	< 5	< 0.2	6.29	590	0.5	< 2	2.99	< 0.5	1	60	18	3.37	5.74	1.95
200273	205	294	< 5	< 0.2	7.44	790	1.5	< 2	1.78	< 0.5	4	65	30	4.10	6.37	1.75
200274	205	294	< 5	< 0.2	6.31	700	1.0	< 2	2.96	< 0.5	5	60	7	4.18	5.05	1.93
200275	205	294	10	< 0.2	6.52	1070	2.0	< 2	2.28	< 0.5	61	90	303	7.23	3.54	4.10
200276	205	294	5	< 0.2	6.33	900	1.0	< 2	1.70	< 0.5	71	55	185	6.59	4.73	2.81

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN: MIKE STAMMERS CC: RICHARD GORTON

Certificate Date: 15-JUL-97
Invoice No. : I9730901
P.O. Number : LY97-10
Account : BM W

CERTIFICATE OF ANALYSIS A9730901

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		
200252	205	294	3340	3	0.14	30	620	< 2	38	0.17	64	< 10	18	130		
200253	214	285	405	6	0.92	47	880	8	217	0.27	205	30	164	40		
200254	205	294	2400	4	0.16	30	620	< 2	20	0.22	69	< 10	12	10		
200255	205	294	2350	4	0.16	16	590	< 2	58	0.16	61	< 10	62	130		
200256	205	294	2170	3	0.15	23	630	< 2	25	0.19	63	< 10	6	40		
200257	205	294	2370	1	0.13	29	630	< 2	21	0.18	66	< 10	8	40		
200258	205	294	1720	5	0.15	22	670	< 2	26	0.15	69	< 10	8	60		
200259	205	294	2080	3	0.15	23	670	< 2	25	0.14	63	< 10	8	30		
200260	205	294	1565	6	0.19	32	780	< 2	21	0.17	104	< 10	8	60		
200261	205	294	1370	3	0.18	68	680	< 2	17	0.33	301	< 10	22	30		
200262	205	294	1700	1	0.15	41	630	< 2	26	0.33	288	< 10	20	20		
200263	205	294	1405	2	0.14	56	1290	< 2	24	0.37	345	< 10	22	30		
200264	205	294	1385	2	0.14	62	1220	< 2	18	0.34	376	< 10	24	30		
200265	205	294	2680	16	0.16	13	1970	< 2	39	0.15	111	< 10	8	70		
200266	205	294	1030	5	0.17	68	1650	< 2	23	0.24	183	< 10	16	70		
200267	205	294	1695	3	0.17	69	890	< 2	24	0.22	244	< 10	16	60		
200268	205	294	1365	3	0.19	19	720	< 2	18	0.15	86	< 10	8	50		
200269	205	294	1450	6	0.16	64	640	< 2	16	0.30	258	< 10	22	10		
200270	205	294	2010	2	0.18	67	470	< 2	24	0.30	289	< 10	26	10		
200271	205	294	1080	1	0.20	21	820	< 2	14	0.18	120	< 10	10	50		
200272	205	294	1260	3	0.16	15	600	< 2	20	0.12	57	< 10	10	60		
200273	205	294	725	2	0.18	25	760	< 2	17	0.10	65	< 10	14	50		
200274	205	294	1055	3	0.15	14	600	< 2	20	0.10	59	< 10	14	30		
200275	205	294	1400	15	0.14	70	820	< 2	32	0.32	250	< 10	72	30		
200276	205	294	1220	3	0.15	34	910	< 2	24	0.25	142	< 10	34	50		

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9730913

Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

HOLE# LY97-1C

CERTIFICATE A9730913

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD
P.O. # : LY97-10

Samples submitted to our lab in Vancouver, BC.
This report was printed on 16-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	59	Geochem ring to approx 150 mesh
294	59	4-7 Kg crush and split
3202	59	Rock - save entire reject
214	1	Rcvd as pulp; mesh size checked
285	60	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	60	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	60	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	60	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	60	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	60	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	60	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	60	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	60	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	60	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	60	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	60	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	60	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	60	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	60	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	60	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	60	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	60	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	60	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	60	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	60	Pb ppm: 24 element, rock & core	AAS	2	10000
582	60	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	60	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	60	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	60	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	60	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	60	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Page Number :1-A
Total Pages :2
Certificate Date: 16-JUL-97
Invoice No. :I9730913
P.O. Number :LY97-10
Account :BM W

CERTIFICATE OF ANALYSIS A9730913

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)
200152	205	294	< 5	< 0.2	6.44	660	0.5	< 2	3.21	< 0.5	11	61	3	5.53	6.51	1.79
200153	205	294	< 5	< 0.2	6.73	460	1.5	< 2	3.46	< 0.5	10	54	9	5.64	5.65	2.03
200154	205	294	< 5	< 0.2	6.46	580	0.5	< 2	3.21	< 0.5	9	46	10	5.75	6.23	1.86
200155	205	294	< 5	< 0.2	6.91	880	0.5	< 2	1.93	< 0.5	7	60	32	6.46	7.47	1.08
200156	205	294	20	< 0.2	6.77	770	0.5	< 2	2.14	< 0.5	24	50	1335	6.02	6.03	1.18
200157	205	294	20	< 0.2	6.99	720	1.0	2	2.66	< 0.5	21	59	600	4.84	6.19	1.49
200158	205	294	35	< 0.2	6.70	600	1.5	< 2	2.86	< 0.5	36	63	308	6.21	5.80	1.91
200159	205	294	< 5	< 0.2	7.31	950	2.5	< 2	3.48	< 0.5	38	51	252	5.33	5.94	2.15
200160	205	294	< 5	< 0.2	7.28	760	2.0	< 2	2.94	< 0.5	13	43	17	5.63	6.17	1.87
200161	205	294	< 5	< 0.2	6.92	690	2.0	< 2	4.27	< 0.5	13	40	8	5.36	6.40	2.50
200162	205	294	< 5	< 0.2	6.37	630	2.0	< 2	3.70	< 0.5	14	38	5	5.25	5.22	2.35
200163	205	294	< 5	< 0.2	6.18	680	1.5	< 2	5.37	< 0.5	17	45	5	6.49	5.73	2.87
200164	205	294	< 5	< 0.2	6.40	590	2.0	< 2	4.52	< 0.5	14	45	3	4.97	5.68	2.69
200165	205	294	< 5	< 0.2	6.58	720	1.5	< 2	4.68	< 0.5	15	41	8	5.96	6.14	2.63
200166	205	294	< 5	< 0.2	7.53	720	2.5	< 2	3.50	< 0.5	12	46	8	4.90	6.21	2.34
200167	205	294	< 5	< 0.2	7.44	700	2.5	< 2	3.81	< 0.5	12	43	4	5.06	5.48	2.58
200168	205	294	< 5	< 0.2	8.09	690	3.0	< 2	3.64	< 0.5	13	44	10	5.63	5.78	2.50
200169	205	294	< 5	< 0.2	6.85	680	2.5	< 2	3.66	< 0.5	12	40	49	4.96	3.89	2.33
200170	205	294	< 5	< 0.2	7.35	750	2.5	< 2	4.63	< 0.5	14	41	1	5.58	4.33	2.83
200171	205	294	< 5	< 0.2	7.93	930	2.5	< 2	3.60	< 0.5	15	49	16	5.16	5.47	2.28
200172	205	294	< 5	< 0.2	8.30	940	2.5	< 2	2.65	< 0.5	13	55	5	5.48	5.06	1.85
200173	205	294	< 5	< 0.2	8.01	900	2.5	< 2	3.17	< 0.5	13	43	1	4.90	4.94	2.04
200174	205	294	< 5	< 0.2	8.27	990	2.5	< 2	2.14	< 0.5	11	46	1	4.33	7.22	1.52
200175	205	294	< 5	< 0.2	1.48	90	< 0.5	< 2	0.57	< 0.5	8	7	< 1	1.03	0.59	0.95
200176	205	294	< 5	< 0.2	7.43	870	2.0	< 2	3.64	< 0.5	15	38	4	5.24	5.39	2.22
200177	205	294	< 5	< 0.2	8.14	950	2.5	< 2	2.50	< 0.5	12	42	4	5.06	5.07	1.72
200178	205	294	< 5	< 0.2	8.47	910	2.5	< 2	2.94	< 0.5	13	48	10	5.62	4.55	1.94
200179	205	294	< 5	< 0.2	6.75	840	1.5	< 2	4.76	< 0.5	15	37	155	5.53	5.07	2.52
200180	205	294	< 5	< 0.2	6.72	860	1.0	< 2	5.04	< 0.5	17	52	1035	6.51	5.94	2.68
200181	214	285	135	< 0.2	4.31	1870	1.0	< 2	1.43	1.5	7	113	105	3.49	1.27	0.62
200182	205	294	< 5	< 0.2	6.74	1010	1.0	< 2	5.43	< 0.5	19	52	830	5.73	4.78	2.85
200183	205	294	< 5	< 0.2	7.85	930	2.0	2	3.49	< 0.5	16	48	359	5.10	5.77	2.09
200184	205	294	< 5	< 0.2	7.47	850	2.5	< 2	3.66	< 0.5	16	49	9	6.29	5.01	2.36
200185	205	294	< 5	< 0.2	7.92	1120	2.0	< 2	2.99	< 0.5	13	55	10	6.70	4.54	1.88
200186	205	294	< 5	< 0.2	7.12	830	2.0	< 2	4.28	< 0.5	19	41	190	5.89	4.99	2.51
200187	205	294	< 5	< 0.2	8.25	900	3.0	2	2.26	< 0.5	12	56	20	6.37	4.04	1.69
200188	205	294	< 5	< 0.2	6.92	2790	2.0	< 2	3.32	< 0.5	14	38	12	6.08	4.84	2.06
200189	205	294	< 5	< 0.2	7.00	780	2.0	< 2	4.12	< 0.5	16	35	88	5.18	4.36	2.49
200190	205	294	35	< 0.2	6.44	510	2.0	< 2	5.42	< 0.5	17	31	64	4.54	3.26	3.14
200191	205	294	< 5	< 0.2	7.36	600	2.5	2	4.40	< 0.5	16	61	509	5.70	5.37	2.76

CERTIFICATION: Stan Buchan

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

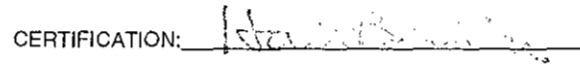
To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 16-JUL-97
Invoice No. :I9730913
P.O. Number :LY97-10
Account :BM W

CERTIFICATE OF ANALYSIS A9730913

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		
200152	205 294	1580	4	0.12	19	670	< 2	25	0.11	72	< 10	8	70		
200153	205 294	1730	3	0.14	23	650	< 2	26	0.12	65	< 10	8	50		
200154	205 294	1520	3	0.14	21	640	< 2	27	0.12	71	< 10	6	60		
200155	205 294	1045	6	0.14	12	780	< 2	19	0.14	82	< 10	6	80		
200156	205 294	1140	13	0.17	14	890	< 2	18	0.18	128	< 10	8	80		
200157	205 294	1355	9	0.15	21	910	< 2	17	0.20	139	< 10	8	50		
200158	205 294	1545	18	0.13	34	890	< 2	18	0.18	186	< 10	10	70		
200159	205 294	2390	5	0.14	28	630	< 2	16	0.24	73	< 10	8	60		
200160	205 294	2160	6	0.13	26	650	< 2	15	0.25	74	< 10	8	60		
200161	205 294	2650	6	0.13	24	670	< 2	20	0.24	68	< 10	8	70		
200162	205 294	2400	6	0.12	25	620	< 2	19	0.21	63	< 10	8	100		
200163	205 294	3470	7	0.13	23	650	< 2	23	0.20	62	< 10	10	50		
200164	205 294	2480	4	0.13	21	650	< 2	21	0.25	66	< 10	8	40		
200165	205 294	2870	5	0.15	24	630	< 2	21	0.24	66	< 10	8	50		
200166	205 294	1880	3	0.14	28	700	< 2	20	0.28	78	< 10	8	50		
200167	205 294	2040	3	0.14	29	710	< 2	24	0.28	78	< 10	10	60		
200168	205 294	2030	4	0.14	32	750	< 2	23	0.29	84	< 10	10	60		
200169	205 294	2320	5	0.13	29	650	< 2	24	0.25	69	< 10	8	30		
200170	205 294	2710	5	0.14	31	700	< 2	25	0.28	74	< 10	10	40		
200171	205 294	2220	5	0.15	30	690	< 2	19	0.29	79	< 10	8	60		
200172	205 294	1765	10	0.18	30	720	< 2	17	0.28	85	< 10	8	60		
200173	205 294	2070	6	0.15	31	610	< 2	20	0.29	77	< 10	10	50		
200174	205 294	1520	4	0.13	28	670	< 2	17	0.28	81	< 10	8	50		
200175	205 294	2000	1	0.05	6	190	< 2	3	0.06	22	< 10	< 2	10		
200176	205 294	2750	5	0.13	30	660	< 2	23	0.25	71	< 10	14	70		
200177	205 294	1740	5	0.14	36	680	< 2	19	0.28	80	< 10	8	40		
200178	205 294	2180	6	0.16	31	730	< 2	20	0.30	85	< 10	10	60		
200179	205 294	3450	12	0.14	20	630	< 2	23	0.24	64	< 10	8	50		
200180	205 294	3680	10	0.18	17	630	< 2	23	0.25	65	< 10	8	50		
200181	214 285	270	16	0.09	42	1230	6	99	0.21	328	10	110	30		
200182	205 294	4070	7	0.17	20	620	< 2	26	0.24	66	< 10	8	50		
200183	205 294	2580	7	0.16	25	690	< 2	19	0.28	76	< 10	8	50		
200184	205 294	2720	7	0.15	33	720	< 2	23	0.27	80	< 10	8	60		
200185	205 294	2120	7	0.15	29	750	< 2	25	0.29	83	< 10	12	40		
200186	205 294	2950	6	0.14	25	680	< 2	24	0.27	70	< 10	10	80		
200187	205 294	1420	5	0.16	34	780	< 2	18	0.32	87	< 10	8	20		
200188	205 294	1950	6	0.14	28	660	< 2	56	0.25	71	< 10	12	40		
200189	205 294	2600	12	0.14	27	650	< 2	23	0.26	69	< 10	8	40		
200190	205 294	3520	29	0.14	26	660	< 2	27	0.23	62	< 10	8	70		
200191	205 294	2820	5	0.15	27	720	< 2	25	0.28	74	< 10	8	50		

CERTIFICATION: 

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 16-JUL-97
Invoice No. :I9730913
P.O. Number :LY97-10
Account :BM W

CERTIFICATE OF ANALYSIS A9730913

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)
200192	205	294	< 5	< 0.2	7.36	540	2.5	< 2	3.77	< 0.5	17	56	249	5.39	5.39	2.46
200193	205	294	< 5	< 0.2	6.70	590	2.0	< 2	4.61	< 0.5	14	53	58	5.33	5.14	2.69
200194	205	294	< 5	< 0.2	6.08	1210	2.0	< 2	4.46	< 0.5	14	36	98	4.53	4.21	2.66
200195	205	294	< 5	< 0.2	6.41	610	2.0	< 2	4.52	< 0.5	11	42	117	4.83	4.19	2.68
200196	205	294	< 5	< 0.2	6.70	530	2.0	< 2	4.53	< 0.5	10	39	183	5.36	4.64	2.68
200197	205	294	10	< 0.2	6.95	430	2.5	< 2	5.36	< 0.5	9	38	95	3.72	3.16	3.14
200198	205	294	15	< 0.2	6.97	350	2.5	< 2	5.73	< 0.5	9	43	136	3.74	3.59	3.27
200199	205	294	10	< 0.2	6.94	600	2.0	< 2	4.38	< 0.5	13	65	169	5.89	5.12	2.54
200200	205	294	< 5	< 0.2	6.93	1380	0.5	< 2	3.38	< 0.5	6	59	167	5.33	6.61	1.69
200201	205	294	< 5	< 0.2	7.06	1100	0.5	< 2	2.81	< 0.5	7	52	49	4.98	5.59	1.62
200202	205	294	20	< 0.2	6.55	940	1.0	< 2	3.01	< 0.5	40	46	64	4.69	5.00	1.78
200203	205	294	15	< 0.2	6.88	920	1.5	2	4.64	< 0.5	16	61	808	6.33	6.38	2.58
200204	205	294	< 5	< 0.2	6.25	970	0.5	< 2	3.10	< 0.5	4	50	61	6.18	6.20	1.64
200205	205	294	< 5	< 0.2	0.98	80	< 0.5	< 2	0.24	< 0.5	6	7	3	0.60	0.49	0.31
200206	205	294	10	< 0.2	6.60	1110	0.5	< 2	3.80	< 0.5	16	43	16	4.98	5.35	1.94
200207	205	294	10	< 0.2	7.65	890	1.5	2	2.81	< 0.5	71	63	202	5.93	5.68	1.69
200208	205	294	10	< 0.2	7.47	870	1.5	< 2	3.28	< 0.5	41	53	31	6.52	5.11	2.62
200209	205	294	15	< 0.2	7.97	560	2.0	2	3.83	< 0.5	77	73	72	6.74	5.66	2.78
200210	205	294	10	< 0.2	6.77	1000	0.5	< 2	3.38	< 0.5	7	57	148	5.29	6.91	1.74
200211	205	294	15	< 0.2	6.71	880	1.0	< 2	3.38	< 0.5	27	56	139	4.79	4.92	1.82

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 16-JUL-97
Invoice No. : I9730913
P.O. Number : LY97-10
Account : BM W

CERTIFICATE OF ANALYSIS A9730913

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		
200192	205	294	2320	5	0.15	29	620	< 2	22	0.29	75	< 10	8	50		
200193	205	294	2790	4	0.18	27	650	< 2	30	0.28	71	< 10	8	40		
200194	205	294	2660	4	0.11	32	550	< 2	36	0.23	61	< 10	8	40		
200195	205	294	2540	5	0.12	24	630	< 2	24	0.24	61	< 10	8	80		
200196	205	294	2710	6	0.12	26	700	< 2	20	0.20	66	< 10	8	50		
200197	205	294	3150	6	0.14	23	660	< 2	18	0.20	67	< 10	6	70		
200198	205	294	3440	18	0.14	27	670	< 2	20	0.20	68	< 10	8	50		
200199	205	294	2600	7	0.13	26	660	< 2	21	0.22	72	< 10	8	60		
200200	205	294	1685	4	0.17	9	710	< 2	23	0.18	75	< 10	6	60		
200201	205	294	1420	4	0.16	15	780	< 2	20	0.20	80	< 10	10	70		
200202	205	294	1540	9	0.14	17	830	< 2	18	0.28	120	< 10	8	60		
200203	205	294	2450	7	0.19	17	710	< 2	28	0.36	179	< 10	10	30		
200204	205	294	1560	4	0.11	10	640	< 2	21	0.22	73	< 10	8	40		
200205	205	294	500	3	0.04	1	130	< 2	1	0.03	22	< 10	< 2	10		
200206	205	294	2040	9	0.15	10	870	< 2	21	0.22	122	< 10	6	70		
200207	205	294	1410	9	0.16	20	810	< 2	19	0.42	219	< 10	8	60		
200208	205	294	1780	6	0.15	56	780	< 2	19	0.36	239	< 10	10	40		
200209	205	294	2130	5	0.14	46	560	< 2	18	0.53	364	< 10	10	40		
200210	205	294	1625	5	0.14	10	910	< 2	21	0.26	142	< 10	6	60		
200211	205	294	1755	8	0.14	13	800	< 2	19	0.27	146	< 10	6	30		

CERTIFICATION:

APPENDIX D

GEOLOGIST'S CERTIFICATE

GEOLOGIST'S CERTIFICATE

I, Michael A. Stammers, of 941 Kennedy Avenue, North Vancouver, in the Province of British Columbia, Canada, DO HEREBY CERTIFY:

1 THAT I am a Consulting Geologist with offices at Suite 611, 675 West Hastings Street, Vancouver, British Columbia, Canada

2 THAT I have practiced in my profession with various mining companies in Yukon, British Columbia, Nova Scotia, Northwest Territories, Alaska, Oregon, Vanuatu and Venezuela for 24 years.

3 THAT I am a graduate of McMaster University (1977) and hold a combined Honours B.A. in Geology and Geography.

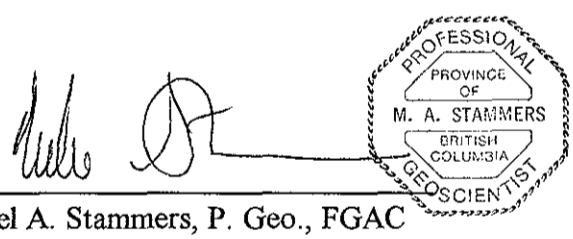
4 THAT I am duly registered as a Professional Geoscientist in the Province of British Columbia (#18883).

5 THAT I am a Fellow of the Geological Association of Canada.

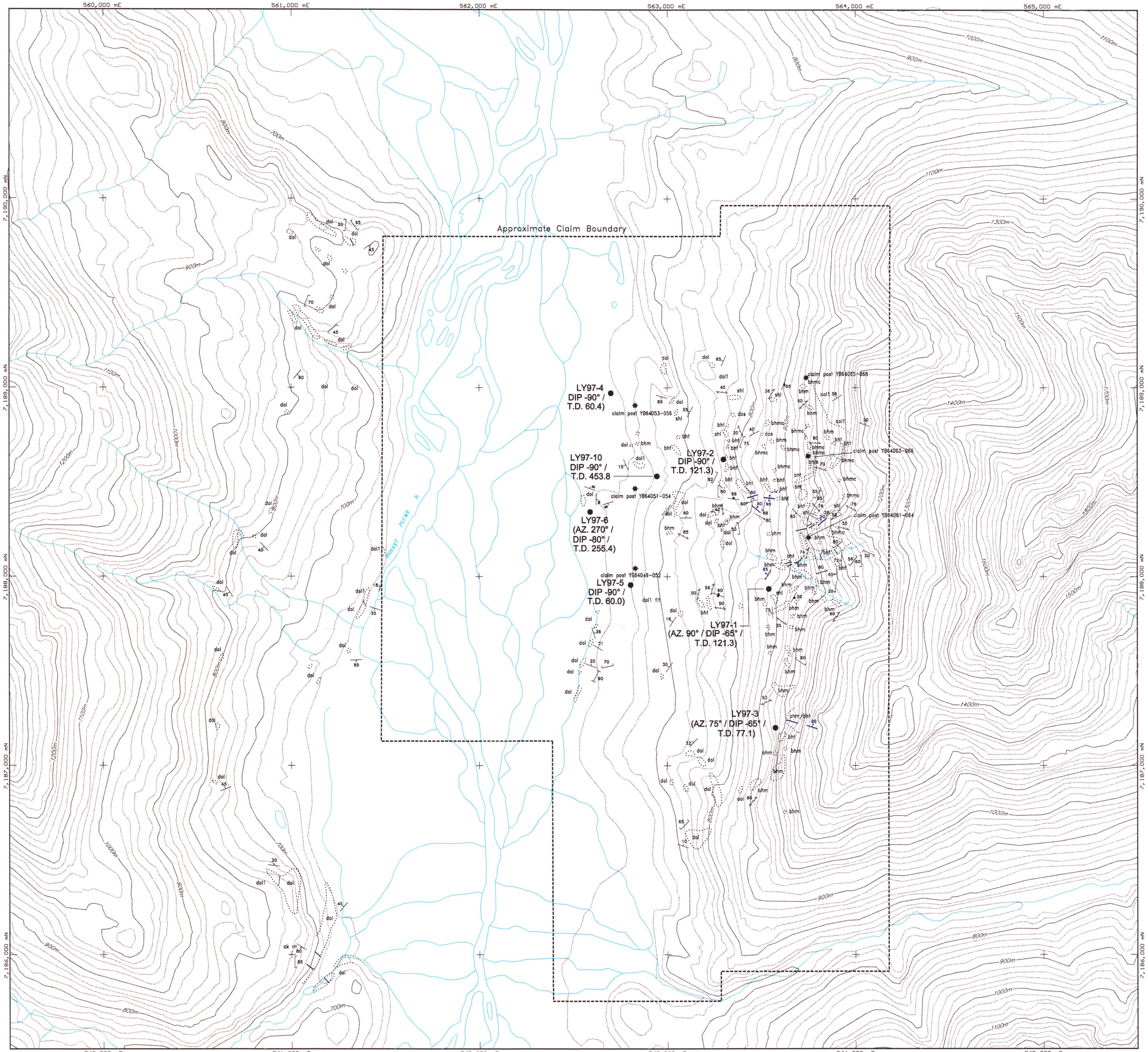
6 THAT this report is based on property work that I personally completed and/or supervised during June, 1997.

7 THAT I have no interest in the property described herein, nor in any securities of any company associated with the property, nor do I expect to receive any such interest.

DATED at Vancouver, British Columbia, Canada, this 6 day of February, 1998



Michael A. Stammers, P. Geo., FGAC



EXPLANATION

GEOLOGY

- BEDDING
- FOLIATION
- CLEAVAGE
- JOINT
- VERTICAL JOINT
- FAULT
- SLICKENSIDES
- FAULT TRACE
- GEOLOGICAL CONTACT
- OUTCROP
- FLOAT/SUBCROP
- 1997 DRILL HOLE WITH IDENTIFICATION NO., AZIMUTH, DIP, & TOTAL DEPTH IN METRES

CLAIM POSTS

- LOCATED CLAIMPOST

LITHOLOGY

dol	Dolomite
dol1	Dolomitic siltstone to silty dolomite
shl	Shale
bht	Heterolithic breccia
bhm	Homolithic breccia
bhmc	Homolithic breccia, dolomitic

093774

MAP AREA:
X: 559500 - 566500
Y: 7185500 - 7191000
Z: 0 - 10000
Units are meters.

Grid North

Magnetic Declination, 1995, for the center of this map is: 31° 07' East of True North
Annual Change West 14.0'

Grid North is 1° 12.1' East of True North for center of map

NTS Map 106 C/13

PROFESSIONAL ENGINEERS PROVINCE OF BRITISH COLUMBIA M. A. SKINNERS GEOSCIENTIST

0 M 100 200 300 400 500 600 700 800
0 Ft 400 800 1200 1600 2000 2400

Scale 1:10,000

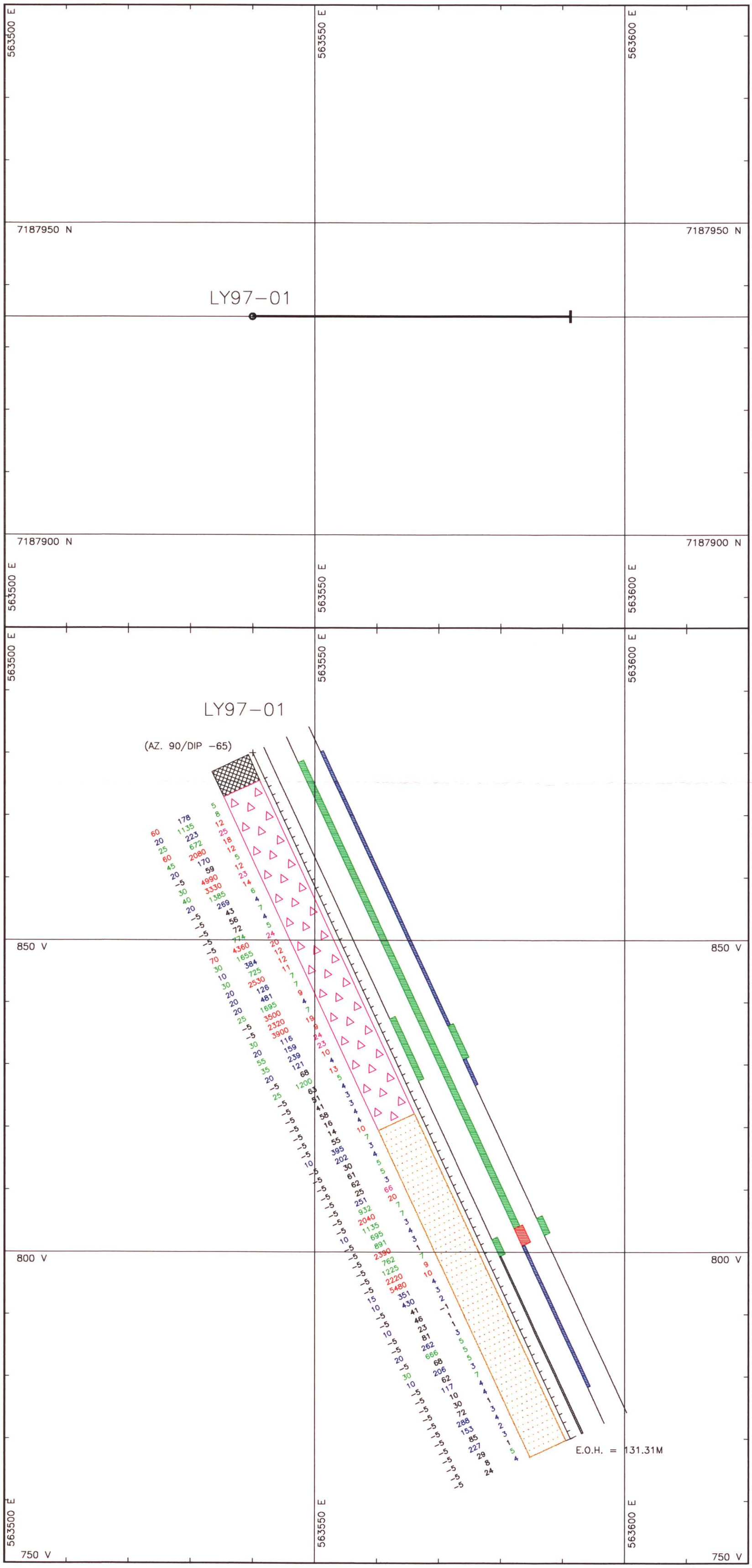
NEWMONT EXPLORATION LTD.

WESTMIN RESOURCES, PAMICON DEVELOPMENTS, EQUITY ENGR.

FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

PLATE 1
LEARY PROJECT
(Auks 1-48 Claims)
Factual Geology And Drill Hole Plan Map

Compiled By: A.T.M./M.A.S.	Date Drafted: 12/95 (REV. 12/97)	Coordinate System: UTM ZONE 8
Drafted By: GEODRAFTING	File Name: 97LE-GEO.DWG	Contour Interval: 20M



LITHOLOGY

- overburden
- heterolithic breccia – bht
- sandstone

AU ASSAYS IN PPB (Left Column)

- < 10
- 10 to 25
- 25 to 60
- 60 to 200
- >= 200

CU ASSAYS IN PPM (Center Column)

- < 100
- 100 to 500
- 500 to 2000
- 2000 to 6000
- >= 6000

MO ASSAYS IN PPM (Right Column)

- < 2
- 2 to 5
- 5 to 9
- 9 to 23
- >= 23

BAR GRAPHS: ALTERATION MINERALS

ALBITE (left)
FE–CARBONATE (center)
QUARTZ (right)

BAR GRAPHS: ALTERATION PARAMETERS

- 0.00 to 1.00
- 1.00 to 2.00
- 2.00 to 3.00
- >=3

093774

SECTION PLANE:
ORIGIN: (563500, 7187935, 750)
AZM/INC: 90.0, 90.0
LENGTH: 120
HEIGHT: 150
THICK: 50.0 (on each side)
Units are (m).

DWG (2)

PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
M. A. STAMMERS

0 M 6 12 18 24 30 36
0 Ft 20 40 60 80 100 120

Scale 1:500

NEWMONT EXPLORATION LTD.

PAMICON DEVELOPMENTS & WESTMIN RESOURCES

FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

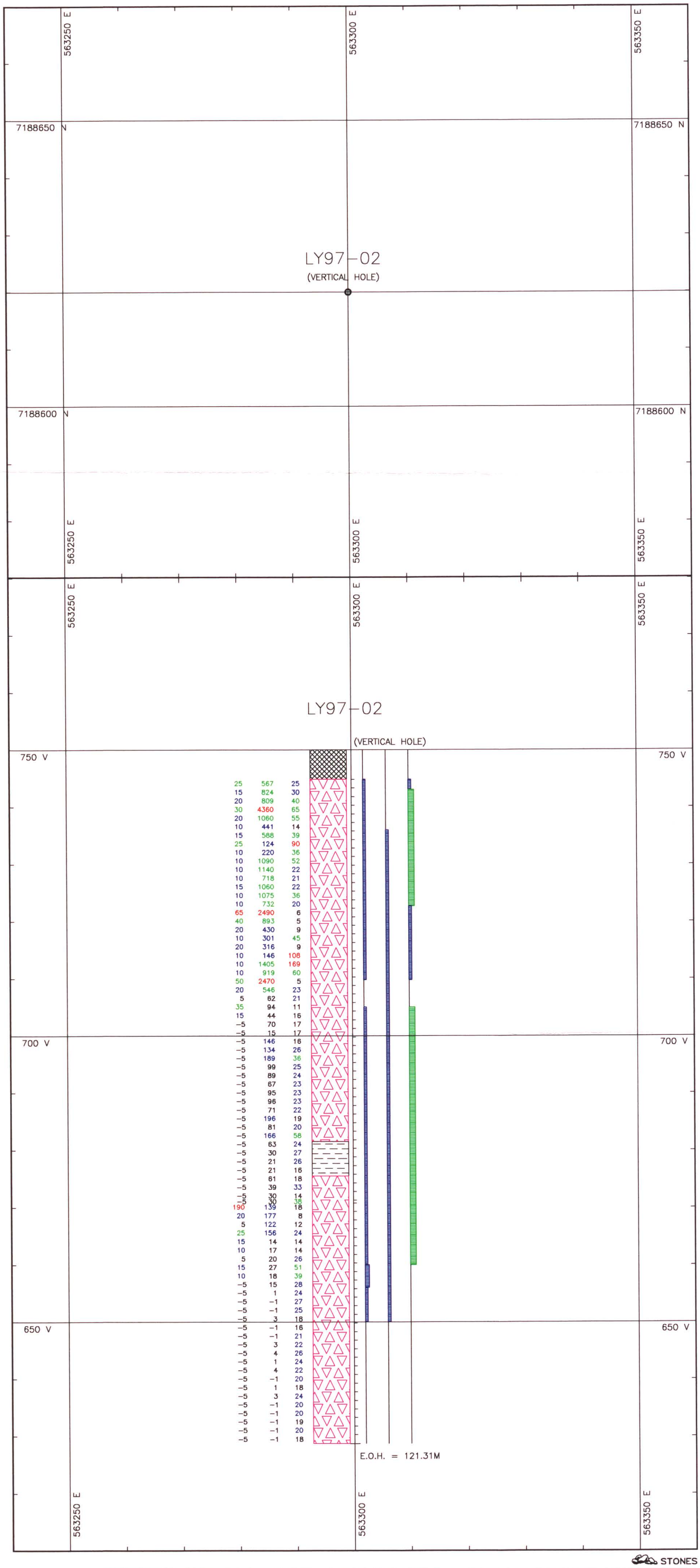
Plate 2

LEARY: AUKS 1–48 CLAIMS

Drill Hole LY97–01

Compiled By:	NTS MAP:	Coordinate System:
M. STAMMERS	106 C/13	UTM ZONE 8
Geologic Computing By: Terra Consulting–Reno, NV	Date Generated: 05–FEB–1998	File Name: 97FPLY01.DWG

STONES



LITHOLOGY

- overburden
- homolithic breccia – bhm
- siltstone

AU ASSAYS IN PPB (Left Column)

- < 10
- 10 to 25
- 25 to 60
- 60 to 200
- >= 200

CU ASSAYS IN PPM (Center Column)

- < 100
- 100 to 500
- 500 to 2000
- 2000 to 6000
- >= 6000

CO ASSAYS IN PPM (Right Column)

- < 20
- 20 to 35
- 35 to 70
- 70 to 200
- >= 200

BAR GRAPHS: ALTERATION MINERALS

CALCITE (left)
SPECULAR HEMATITE (center)
HEMATITE (right)

BAR GRAPHS: ALTERATION PARAMETERS

- 0.00 to 1.00
- 1.00 to 2.00
- 2.00 to 3.00
- >=3

SECTION PLANE:
ORIGIN: (563240, 7188620, 610)
AZM/INC: 90.0, 90.0
LENGTH: 120
HEIGHT: 170
THICK: 50.0 (on each side)
Units are (m).

093774

(3)

PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
M. A. STAMMERS

0 M 6 12 18 24 30 36
0 Ft 20 40 60 80 100 120

Scale 1:500

NEWMONT EXPLORATION LTD.

PAMICON DEVELOPMENTS & WESTMIN RESOURCES

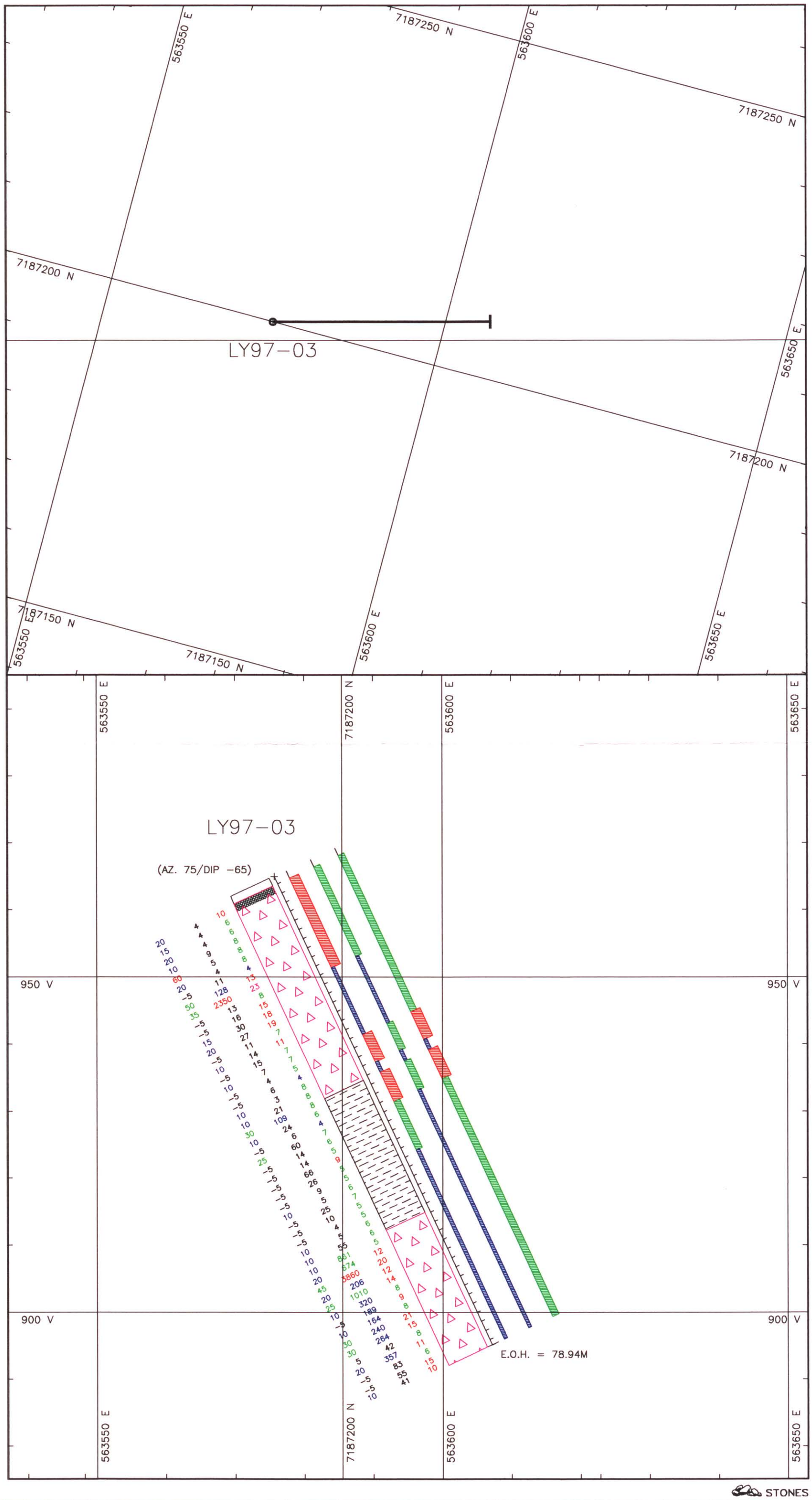
FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

Plate 3

LEARY: AUKS 1-48 CLAIMS

Drill Hole LY97-02

Compiled By: M. STAMMERS	NTS MAP: 106 C/13	Coordinate System: UTM ZONE 8
Geologic Computing By: Terra Consulting—Reno, NV	Date Generated: 05-FEB-1998	File Name: 97FPLY02.DWG



LITHOLOGY

- casing
- heterolithic breccia – bht
- siltstone

AU ASSAYS IN PPB (Left Column)

- < 10
- 10 to 25
- 25 to 60
- 60 to 200
- >= 200

CU ASSAYS IN PPM (Center Column)

- < 100
- 100 to 500
- 500 to 2000
- 2000 to 6000
- >= 6000

MO ASSAYS IN PPM (Right Column)

- < 2
- 2 to 5
- 5 to 9
- 9 to 23
- >= 23

BAR GRAPHS: ALTERATION MINERALS

ALBITE (left)
CHLORITE (center)
FE–CARBONATE (right)

BAR GRAPHS: ALTERATION PARAMETERS

- 0.00 to 1.00
- 1.00 to 2.00
- 2.00 to 3.00
- >=3

093774

SECTION PLANE:
ORIGIN: (563537, 7187187, 875)
AZM/INC: 75.0, 90.0
LENGTH: 120
HEIGHT: 120
THICK: 50.0 (on each side)
Units are (m).

PROFESSIONAL GEOSCIENTIST PROVINCE OF BRITISH COLUMBIA M. A. STAMMERS

Duty (4)

0 M 6 12 18 24 30 36
0 Ft 20 40 60 80 100 120

Scale 1:500

NEWMONT EXPLORATION LTD.

PAMICON DEVELOPMENTS & WESTMIN RESOURCES

FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

Plate 4

LEARY: AUKS 1–48 CLAIMS

Drill Hole LY97–03

Compiled By:	NTS MAP:	Coordinate System:
M. STAMMERS	106 C/13	UTM ZONE 8
Geologic Computing By: Terra Consulting–Reno, NV	Date Generated: 05–FEB–1998	File Name: 97FPLY03.DWG

562650 E | 562700 E | 562750 E

7189000 N

LY97-04
(VERTICAL HOLE)

7188950 N

650 V

600 V

550 V

LY97-04
(VERTICAL HOLE)

10	4	3
10	69	4
15	186	5
15	5	5
-5	3	4
-5	6	2
-5	36	4
-5	23	4
-5	27	4
-5	79	3
-5	32	5
-5	3	4
-5	3	3
-5	3	4
-5	1	4
-5	2	3
-5	8	7
-5	14	6
-5	5	5
-5	9	6
-5	4	4
5	13	4
-5	22	5
10	25	6
-5	36	6
-5	44	9
-5	2	4
10	10	4
-5	148	4
-5	224	5
10	233	5
10	31	6
10	134	4
-5	196	4
25	544	5
15	84	12
10	45	7
25	3	16

E.O.H. = 60.35M

STONES

LITHOLOGY

- casing
- homolithic breccia – bhm
- heterolithic breccia – bht
- sandstone

AU ASSAYS IN PPB (Left Column)

- < 10
- 10 to 25
- 25 to 60
- 60 to 200
- >= 200

CU ASSAYS IN PPM (Center Column)

- < 100
- 100 to 500
- 500 to 2000
- 2000 to 6000
- >= 6000

MO ASSAYS IN PPM (Right Column)

- < 2
- 2 to 5
- 5 to 9
- 9 to 23
- >= 23

BAR GRAPHS: ALTERATION MINERALS

ALBITE (left)
FE-CARBONATE (center)
HEMATITE (right)

BAR GRAPHS: ALTERATION PARAMETERS

- 0.00 to 1.00
- 1.00 to 2.00
- 2.00 to 3.00
- >=3

093774

SECTION PLANE:
ORIGIN: (562640, 7188970, 545)
AZM/INC: 90.0, 90.0
LENGTH: 120
HEIGHT: 120
THICK: 50.0 (on each side)
Units are (m).

PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
M. A. STAMMERS

DWG (5)

0 M 6 12 18 24 30 36
0 Ft 20 40 60 80 100 120

Scale 1:500

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PAMICON DEVELOPMENTS & WESTMIN RESOURCES

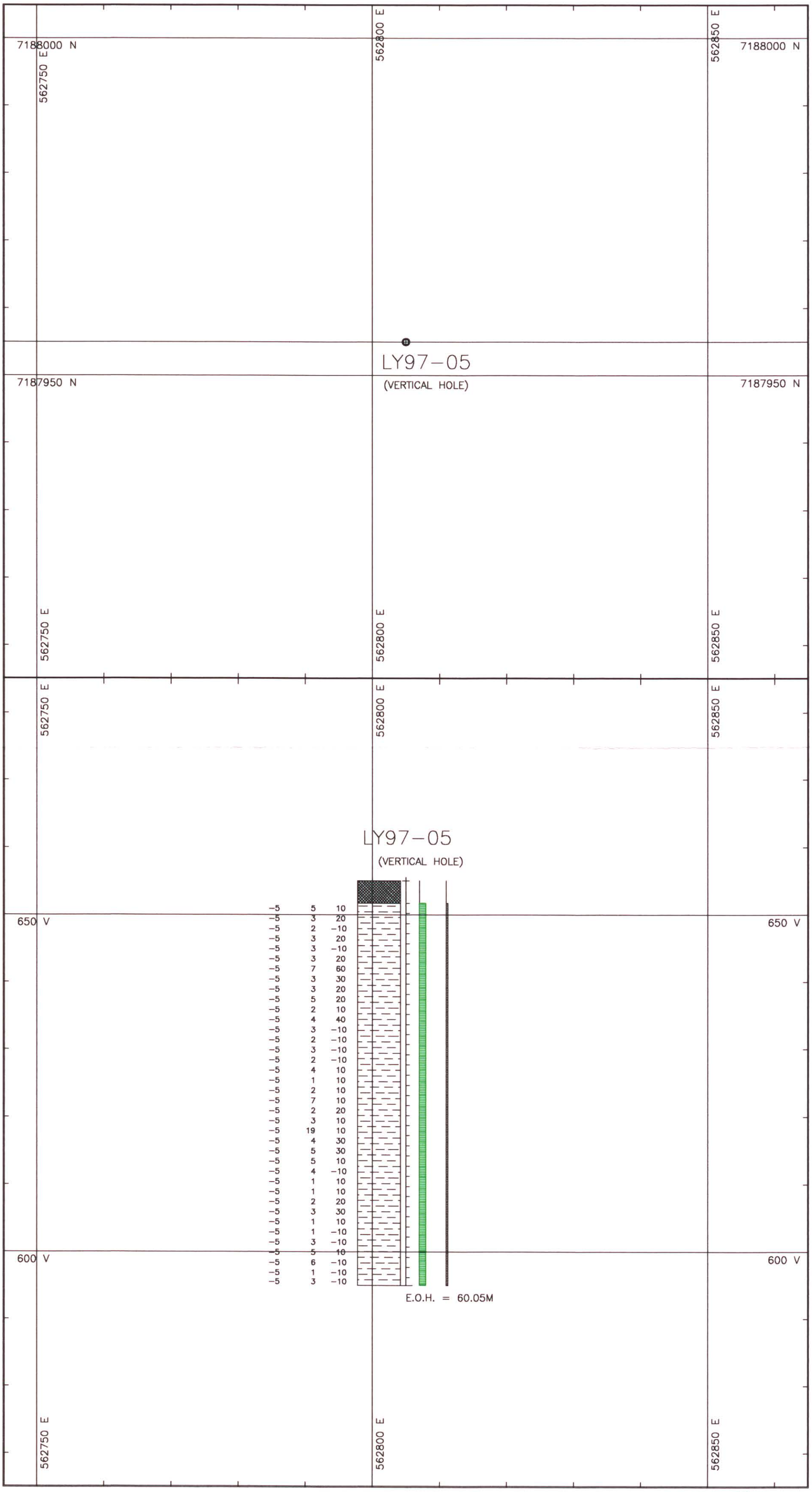
FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

Plate 5

LEARY: AUKS 1-48 CLAIMS

Drill Hole LY97-04

Compiled By: M. STAMMERS	NTS MAP: 106 C/13	Coordinate System: UTM ZONE 8
Geologic Computing By: Terra Consulting–Reno, NV	Date Generated: 05-FEB-1998	File Name: 97FPLY04.DWG



LITHOLOGY

- casing
- siltstone

AU ASSAYS IN PPB (Left Column)

- < 10
- 10 to 25
- 25 to 60
- 60 to 200
- >= 200

CU ASSAYS IN PPM (Center Column)

- < 100
- 100 to 500
- 500 to 2000
- 2000 to 6000
- >= 6000

PB ASSAYS IN PPM (Right Column)

- < 2
- 2 to 3
- 3 to 6
- 6 to 28
- >= 28

BAR GRAPHS: ALTERATION MINERALS

FE-CARBONATE (left)
QUARTZ (right)

BAR GRAPHS: ALTERATION PARAMETERS

- 0.00 to 1.00
- 1.00 to 2.00
- 2.00 to 3.00
- >=3

093774

SECTION PLANE:
ORIGIN: (562745, 7187955, 565)
AZM/INC: 90.0, 90.0
LENGTH: 120
HEIGHT: 120
THICK: 50.0 (on each side)
Units are (m).

PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
M. A. STAMMERS

DWG 6

0 M 6 12 18 24 30 36
0 Ft 20 40 60 80 100 120

Scale 1:500

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PAMICON DEVELOPMENTS & WESTMIN RESOURCES

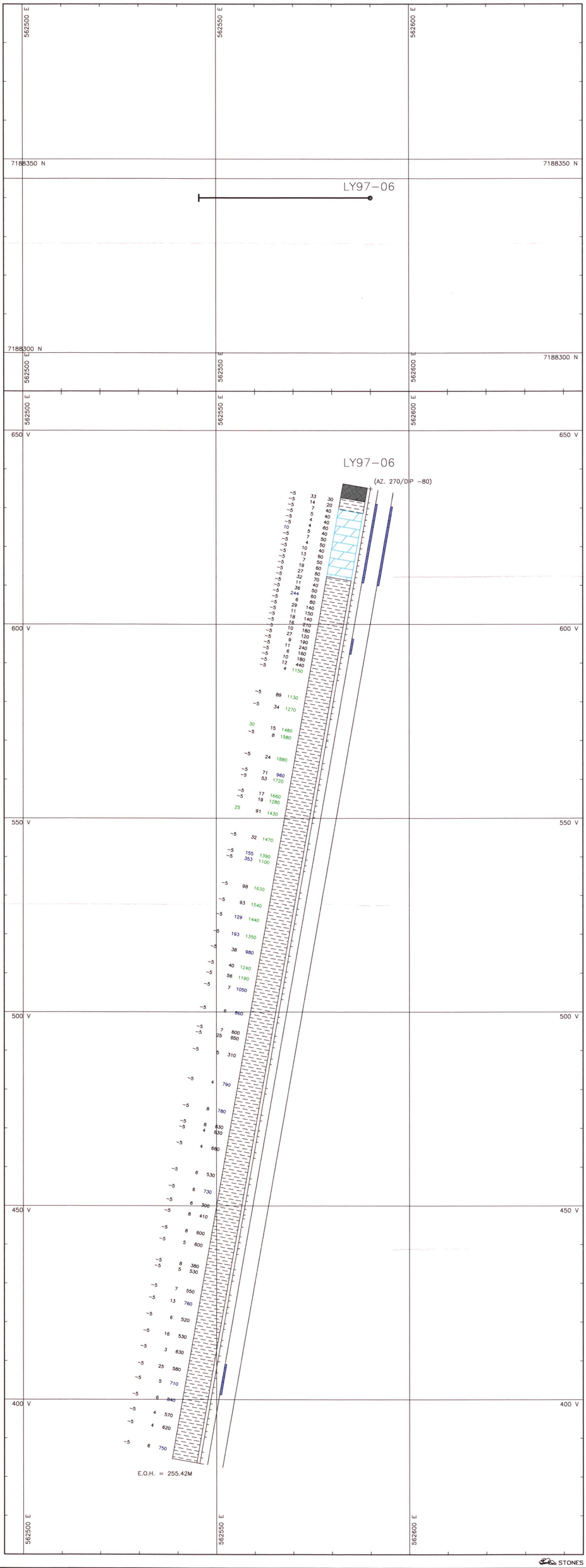
FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

Plate 6

LEARY: AUKS 1-48 CLAIMS

Drill Hole LY97-05

Compiled By: M. STAMMERS	NTS MAP: 106 C/13	Coordinate System: UTM ZONE 8
Geologic Computing By: Terra Consulting—Reno, NV	Date Generated: 05-FEB-1998	File Name: 97FPLY05.DWG



LITHOLOGY

- casing
- dolomite
- siltstone

AU ASSAYS IN PPB (Left Column)

- < 10
- 10 to 25
- 25 to 60
- 60 to 200
- >= 200

CU ASSAYS IN PPM (Center Column)

- < 100
- 100 to 500
- 500 to 2000
- 2000 to 6000
- >= 6000

BA ASSAYS IN PPM (Right Column)

- < 700
- 700 to 1060
- 1060 to 1960
- 1960 to 4550
- >= 4550

BAR GRAPHS: ALTERATION MINERALS

FE-CARBONATE (left)
SILICA (right)

BAR GRAPHS: ALTERATION PARAMETERS

- 0.00 to 1.00
- 1.00 to 2.00
- 2.00 to 3.00
- >=3

SECTION PLANE:
ORIGIN: (562495, 7188340, 350)
AZM/INC: 90.0, 90.0
LENGTH: 150
HEIGHT: 300
THICK: 50.0 (on each side)
Units are (m).

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA M. A. STAMMERS

PROFESSIONAL GEOSCIENTIST PROVINCE OF BRITISH COLUMBIA

0 M 6 12 18 24 30 36
0 FT 20 40 60 80 100 120

Scale 1:500

DWG 7

NEWMONT EXPLORATION LTD.

PAMICON DEVELOPMENTS & WESTMIN RESOURCES

FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

Plate 7

LEARY: AUKS 1-48 CLAIMS

Drill Hole LY97-06

093774

Compiled By: M. STAMMERS	NTS MAP: 106 C/13	Coordinate System: UTM ZONE 8
Geologic Computing By: Terra Consulting-Reno, NV	Date Generated: 05-FEB-1998	File Name: 97PLYD6.DWG

STONES

LITHOLOGY

- casing
- homolithic breccia — bhm
- heterolithic breccia — bht
- diorite
- fault
- siltstone

AU ASSAYS IN PPB (Left Column)

- < 10
- 10 to 25
- 25 to 60
- 60 to 200
- >= 200

CU ASSAYS IN PPM (Center Column)

- < 100
- 100 to 500
- 500 to 2000
- 2000 to 6000
- >= 6000

MO ASSAYS IN PPM (Right Column)

- < 2
- 2 to 5
- 5 to 9
- 9 to 23
- >= 23

BAR GRAPHS: ALTERATION MINERALS

ALBITE (left)
CHLORITE (center)
MAGNETITE (right)

BAR GRAPHS: ALTERATION PARAMETERS

- 0.00 to 1.00
- 1.00 to 2.00
- 2.00 to 3.00
- >=3

093774

SECTION PLANE:
ORIGIN: (562885, 7188530, 210)
AZM/INC: 90.0, 90.0
LENGTH: 120
HEIGHT: 500
THICK: 50.0 (on each side)
Units are (m).

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

Dwg (8)

0 M 6 12 18 24 30 36

0 Ft 20 40 60 80 100 120

Scale 1:500

NEWMONT EXPLORATION LTD.

PAMICON DEVELOPMENTS & WESTMIN RESOURCES

FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

Plate 8

LEARY: AUKS 1–48 CLAIMS

Drill Hole LY97–10

Compiled By: M. STAMMERS	NTS MAP: 106 D/13	Coordinate System: UTM ZONE 8
Geologic Computing By: Terra Consulting–Reno, NV	Date Generated: 09–FEB–1998	File Name: 97FPLY10.DWG