MAP NO.: 106E 02

ASSESSMENT REPORT
PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 093123
MINING DISTRICT: MAYO
TYPE OF WORK: GEOCHEMICAL

REPORT FILED UNDER: PAMICON DEVELOPMENTS LTD

DATE PERFORMED: AUG 27, 31, 1992 **DATE FILED:** JUNE 11, 1993

LOCATION: **LAT.:** 65°07'N **AREA:** QUARTET LAKE

LONG.: 134°32'W **VALUE $:** 7,200

CLAIM NAME & NO.: QUARTET 1-16 (YB28700-715)

WORK DONE BY: MICHAEL A. STAMMERS

WORK DONE FOR: WESTMIN RESOURCES LTD.

DATE TO GOOD STANDING:	

REMARKS: BRECCIAS BEING EVALUATED FOR OLYMPIC DAM TYPE CU U, AU, AG MINERALIZATION. 10 GRAB SAMPLES AND 51 LITHOGEOCHEMICAL SAMPLES WERE COLLECTED FROM THE PROPERTY

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

M.R. file no.

R.M.M.R. file no.

Date forwarded JUN 15 1993

TRANSMITTAL FORM

OFFICE OF THE REGIONAL MANAGER MINERAL RIGHTS JUN 21 1993 WHITEHORSE YUKON TERRITORY

From ▶ Mining Recorder at: **MAYO, YUKON**

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☐ DIAMOND DRILL LOGS — Claims — Claim sheet no.
- ☑ QUARTZ ASSESSMENT REPORT — Claims: Quartet 1-16 — Claim sheet no.: 106-E-2
  - Type of report: Geochemical
  - Submitted by: Pomicon Developments Ltd / Michael A. Stammers
  - Cls. work performed on:
  - $ req. for ren. application: 7200.00

Graham
Signature

REPLY ACTION

Date returned

093123

Signature

802-6027-26 (6-86)

1992 GEOCHEMICAL REPORT
ON THE
QUARTET 1-16 MINERAL CLAIMS

Mayo Mining District
Yukon Territory
NTS 106E/2
65°07' North Latitude
134°32' West Longitude

- Prepared for -
WESTMIN RESOURCES LTD.

- Prepared by -
MICHAEL A. STAMMERS, P.Geo.

DATES WORK PERFORMED: August 27 and 31, 1992
DATE OF REPORT: December, 1992

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation in the amount of $ 7,200 .

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

1992 GEOCHEMICAL REPORT ON THE QUARTET 1-16 MINERAL CLAIMS

TABLE OF CONTENTS

1.0 INTRODUCTION

The Quartet 1-16 claims are located in the Wernecke Mountains, approximately 180 kilometres north-northeast of Mayo in east central Yukon (Figure 1). The Wernecke Mountains are cored by at least 14,000 metres of generally fine-grained terrigenous and carbonate rocks of Helikian age that have been penetrated by mineralized breccias and cut by mafic sills and dykes. Exploration to date in the Wernecke Mountains has been directed sporadically at copper from the early 1900s until the discovery of uranium mineralization associated with hematite breccias in 1974. Occurrences of copper and breccia-related copper-gold-cobalt mineralization have been noted in the basin, but were largely by-passed in the search for uranium and lead-zinc deposits between 1974 and 1980. The geological setting of the Wernecke Mountains is excellent for hosting Olympic Dam copper-uranium-gold-silver breccia type and the Quartet property was acquired on this basis.

Lithogeochemical sampling, prospecting and geological mapping work was carried out over the Quartet property on August 27 and 31, 1992. This work program was conducted jointly by Pamicon Developments Ltd. and Equity Engineering Ltd. for Westmin Resources Ltd. The same companies have been retained to report on the fieldwork.

2.0 LIST OF CLAIMS

The Quartet property comprises 16 contiguous quartz mineral claims, located in the Mayo Mining District (Figure 2). Government records indicate that the following claims are owned by M. Stammers of North Vancouver, B.C. Separate documents indicate that they are held under option by Westmin Resources Ltd.

Claim Data

Claim Name	Record Numbers	Record Date	Expiry Date*
Quartet 1-16	YB28700-YB28715	July 5, 1992	December 31, 1997

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

WESTMIN RESOURCES LIMITED

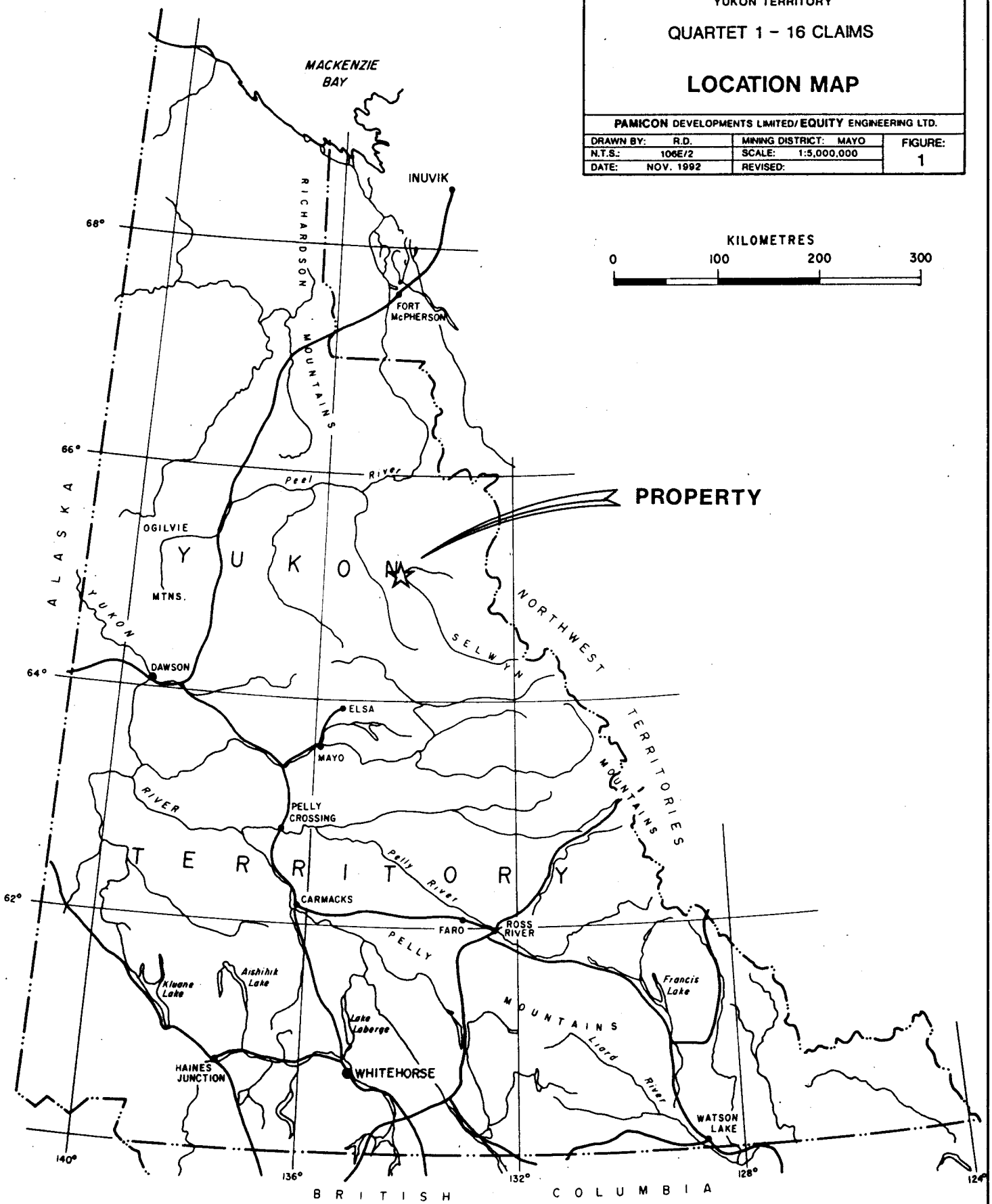
FAIRCHILD LAKE PROJECT
YUKON TERRITORY

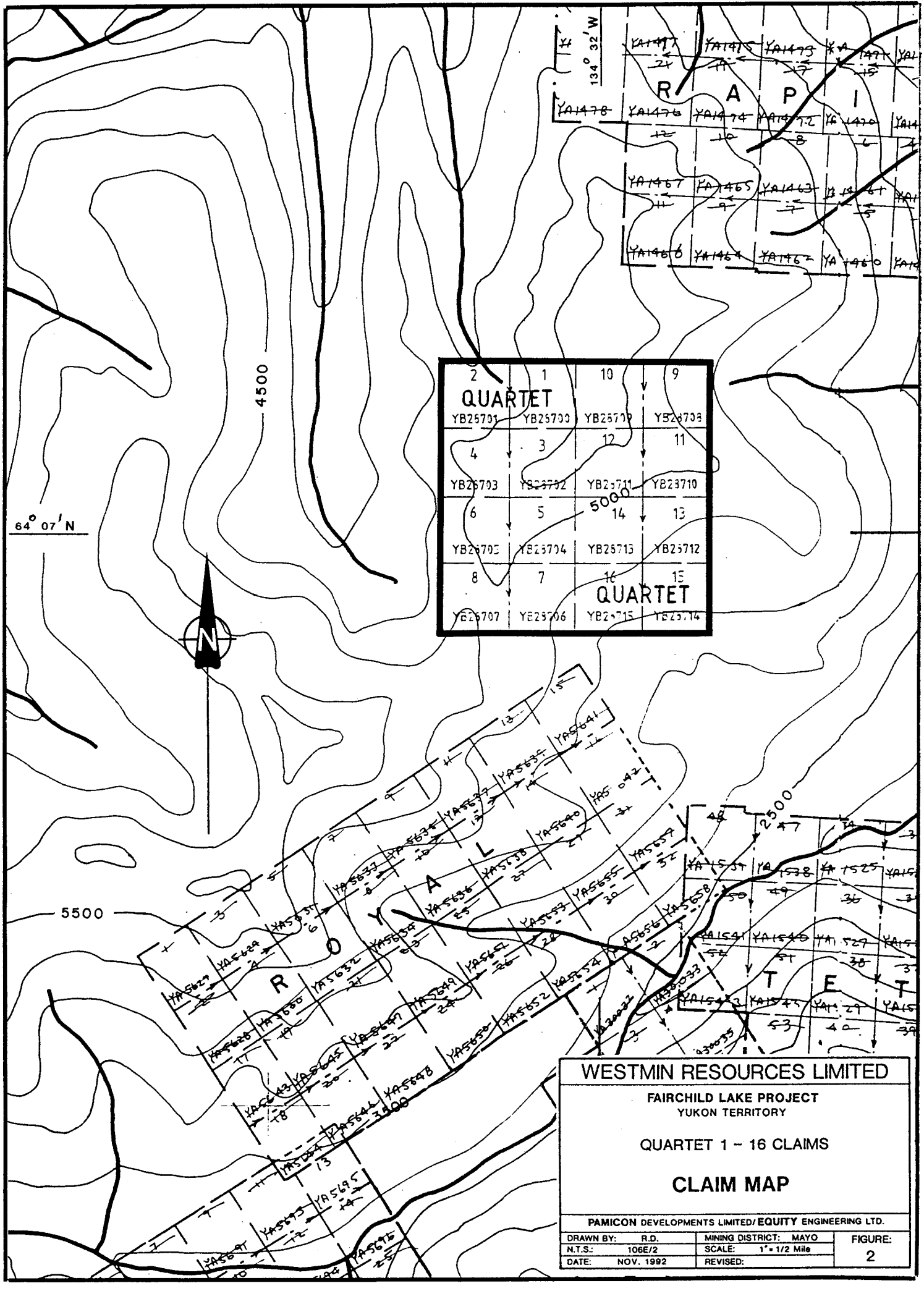
QUARTET 1 – 16 CLAIMS

LOCATION MAP

PAMICON DEVELOPMENTS LIMITED/ **EQUITY** ENGINEERING LTD.

DRAWN BY: R.D.	MINING DISTRICT: MAYO	FIGURE: 1
N.T.S.: 106E/2	SCALE: 1:5,000,000	
DATE: NOV. 1992	REVISED:	





WESTMIN RESOURCES LIMITED

FAIRCHILD LAKE PROJECT
YUKON TERRITORY

QUARTET 1 – 16 CLAIMS

CLAIM MAP

PAMICON DEVELOPMENTS LIMITED/EQUITY ENGINEERING LTD.

DRAWN BY: R.D.	MINING DISTRICT: MAYO	FIGURE: 2
N.T.S.: 106E/2	SCALE: 1" = 1/2 Mile	
DATE: NOV. 1992	REVISED:	

3.0 LOCATION, ACCESS AND PHYSIOGRAPHY

The Quartet property is located in the Wernecke Mountains of east central Yukon, approximately 180 kilometres north-northeast of Mayo (Figure 1). The claim group is located 10 kilometres south of Kiwi Lake and 3 kilometres west of Quartet Lakes. Coordinates are 65°07' north latitude and 134°32' west longitude.

The project area is accessible from Mayo by float plane to either Quartet or Kiwi Lake and by wheeled aircraft to the 800 metre long, gravel airstrip at Bear River. Other airstrips in the area are no longer serviceable. The village of Mayo has scheduled air service from Whitehorse and is located on the Silver Trail Highway (#11), a branch of the Klondike Highway (#2).

Access during the 1992 field program was by DC3 aircraft from Mayo to the Bear River airstrip and thence by helicopter 7.5 kilometres northeast to a basecamp established on the company's Mica claims. The Quartet property lies 28.0 kilometres northwest of the basecamp and was reached by helicopter.

The Wind River winter tote road originating near Elsa, was built through the project area during the 1950s to access oil and gas exploration sites to the north and in the early 1960s was utilized again during work on the Snake River (Crest) iron deposit. In the late 1960s several spur trails and airstrips were constructed providing access to the Dolores Creek, Wind River, and Bonnet Plume copper prospects and to the Bear River iron deposit. The winter road was used by Pan Ocean Oil during their coal and uranium exploration program in 1979 and 1980.

Elevations on the Quartet property range from 1050 to 1800 metres above sea level and relief is moderate to locally steep. All of the property lies above tree line. Some dwarf alder, willow and stunted spruce are found at the lower elevations in creek valleys. Climate in the area is characterized by long, cold winters and short warm summers with June, July and August the best months for exploration.

4.0 AREA HISTORY

The first copper occurrences were noted by trappers working in the region at the turn of the century. In 1935, the McCluskey Lake copper occurrences were staked and the Bonnet Plume and Wind River area received sporadic exploration for copper over the next 20 years. Exploration activity was stimulated in the early 1960s when California Standard Company through their subsidiary Crest Exploration Limited worked on their world class banded iron deposit in the Snake River area. Drilling outlined 18.6 billion tonnes averaging 47% iron in the Hadrynian Rapitan Group (Yeo, 1986).

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

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

The 1980s saw very limited work throughout the project area. Archer Cathro, Texaco and Cyprus Gold embarked on limited exploration campaigns to test the gold potential of some of the known uranium or copper occurrences. The lack of recent exploration activity has allowed most of the staked areas to come open.

The Quartet claims area was first staked in 1976 as the Mar and Jim claims to cover minor uranium occurrences and anomalous uranium-copper stream geochemistry by Mark V Petroleum and Mining Ltd. and by Zenith Mining Corporation. These claims were part of a huge acquisition program by many companies that ended up covering large portions of claim sheets 106E/1 and E/2. Exploration work during the period 1976-78 focused on uranium and included geochemical, geophysical and radiometric surveys. Negative results were returned and all claims have expired.

5.0 1992 EXPLORATION PROGRAM

On August 27 and 31, 1992, Westmin Resources Ltd. carried out a preliminary exploration program on the Quartet property consisting of lithogeochemical sampling, prospecting and geological mapping. The program was designed to determine the potential for an Olympic Dam copper-uranium-gold-silver breccia type deposit. A total of 51 lithogeochemical and 10 grab samples was taken.

Lithogeochemical samples were taken approximately 100 metres apart, generally along contours where outcrop exposures and talus slopes were accessible for sampling. The purpose of these samples was threefold: (1) to determine the tenure of copper mineralization as a bulk tonnage target, (2) to locate areas where chalcocite may be present, and (3) to define geochemical trends within the hematite breccias and into the surrounding sedimentary rocks. Rock sample descriptions and analytical certificates are found in the appendices. Rock samples were analyzed geochemically for gold, lanthanum, uranium and 24-element ICP. Samples exceeding 10,000 ppm copper were assayed. In the field, sample locations were marked by a metal tag and a combination of pink and blue flagging. Approximate UTM coordinates were derived from known topographical features combined with altimeter derived elevations and compass and hipchain measurements for each sample site.

Geological mapping was carried out on a scale of 1:10,000 and was generally limited to the lithogeochemical sample lines. Prospectors focused on the

breccia unit and relied on following up mineralization located in talus by moving upslope.

6.0 REGIONAL GEOLOGY (Figure 3)

This summary of the regional geology is based on work by Delaney (1985) and by Pamicon Developments Ltd. (unpublished, 1977). References to earlier work are cited by Delaney.

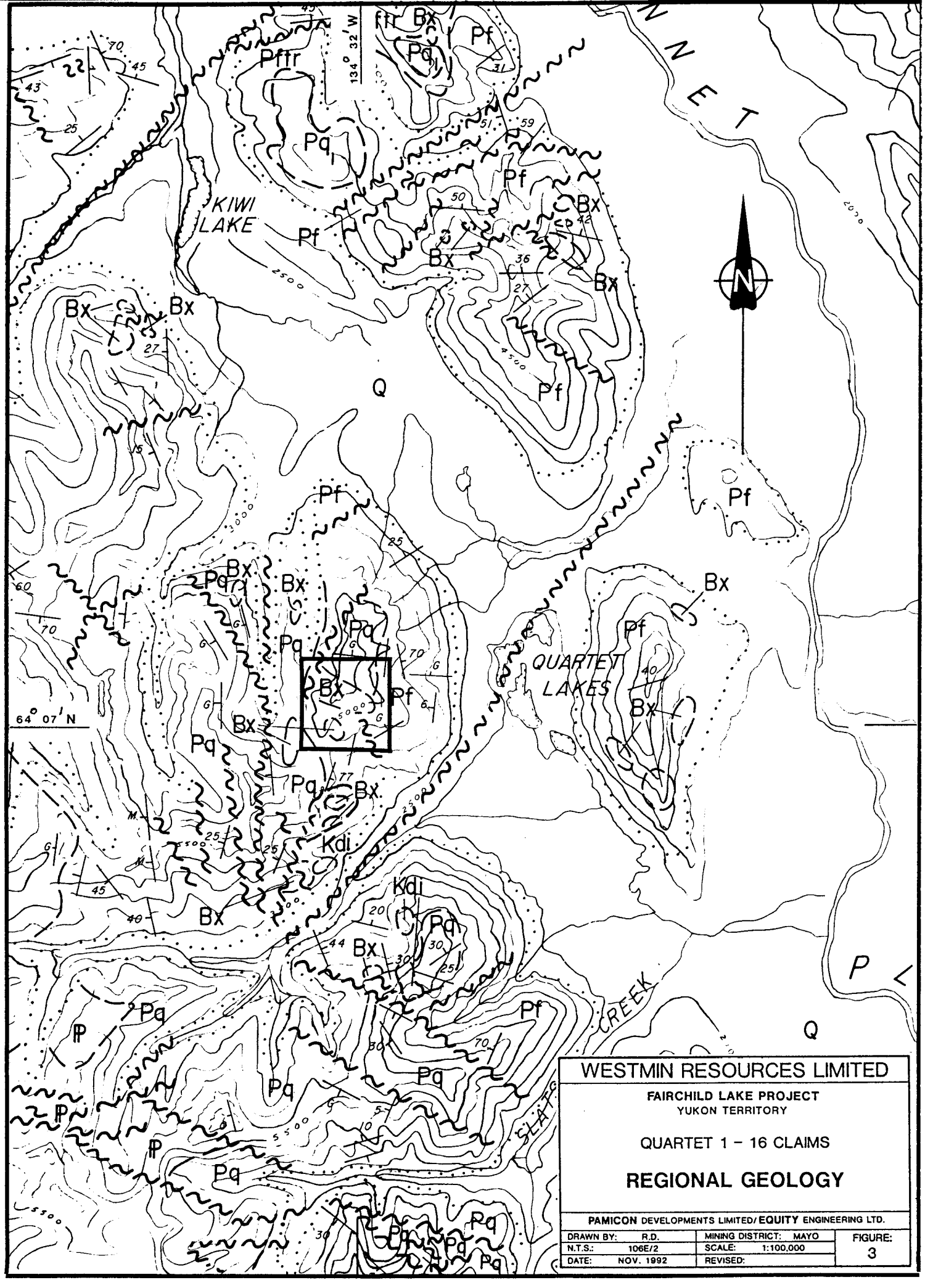
The Wernecke Mountains are cored by at least 14,000 metres of generally fine-grained terrigenous and carbonate rocks of Helikian age that have been penetrated by hematite breccias and cut by mafic sills and dykes. The entire succession has been named the Wernecke Supergroup and has been divided into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

A complete table of formations including lithologies is presented on the legend following Figure 3. This map is a portion of the 1:100,000 regional geology plan completed by Pamicon Developments Ltd. in 1977.

The main structural components of the Wernecke terrane are the southeast trending fault splays (Deslauriers, Knorr and Snake River Faults) of the Richardson Fault Array. These faults are interpreted to be deep-seated, long-lived, vertical structures which have undergone considerable right lateral and vertical movement.

7.0 PROPERTY GEOLOGY AND MINERALIZATION (Figure 4)

The Quartet claim group is underlain by Quartet Group shale, siltstone,



WESTMIN RESOURCES LIMITED

FAIRCHILD LAKE PROJECT
YUKON TERRITORY

QUARTET 1 – 16 CLAIMS

REGIONAL GEOLOGY

PAMICON DEVELOPMENTS LIMITED/ **EQUITY** ENGINEERING LTD.

DRAWN BY: R.D.		MINING DISTRICT: MAYO	FIGURE: 3
N.T.S.: 106E/2		SCALE: 1:100,000	
DATE: NOV. 1992		REVISED:	

LEGEND

(to accompany Figure 3)

LITHOLOGIES

QUATERNARY

Q Unconsolidated glacial and alluvial deposits.

CRETACEOUS(?)

Kd Diabase

Kdi Diorite

PALEOZOIC

Ꝑ Carbonate and siliciclastic sediments, undivided.

PROTEROZOIC

Pp *Pinguicula Group:* Carbonate and siliciclastic sedimentary rocks and lesser volcanics.

Bx *Hematite breccia*

WERNECKE SUPERGROUP

Pg *Gillespie Lake Group:* Buff-, orange-, grey-, and locally maroon-weathering dolomite, dolomite terrigenous admixtures, limestone, claystone, mudstone, siltstone and fine sandstone.

Pgtr Transitional Zone: Interbedded dolomite and dark siltstone/shale with characteristic striped appearance.

Pq *Quartet Group:* Dark grey- and grey-weathering siltstone, mudstone, claystone and fine sandstone (wavy bedded); locally quartzites.

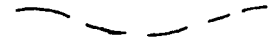
Pq_1 Black shale with sandstone and shale interbeds, quartzite.

Pq_2 Pyritic quartzite.

Pf *Fairchild Lake Group:* Light grey-, greenish grey-, and locally dark grey-weathering shale, siltstone (80%), fine sandstone and limestone (20%); locally phyllites, schists and slates.

Pftr Transitional Zone: Shale and brown-weathering dolomite with limestone marker unit, pyritic black shale.

SYMBOLS



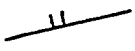
Geological contact (defined, approximate, assumed)

Thrust fault (defined, approximate)

Fault (defined, assumed)

Bedding attitude defined (G-gentle, M-moderate, S-steep)

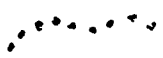
Bedding overturned



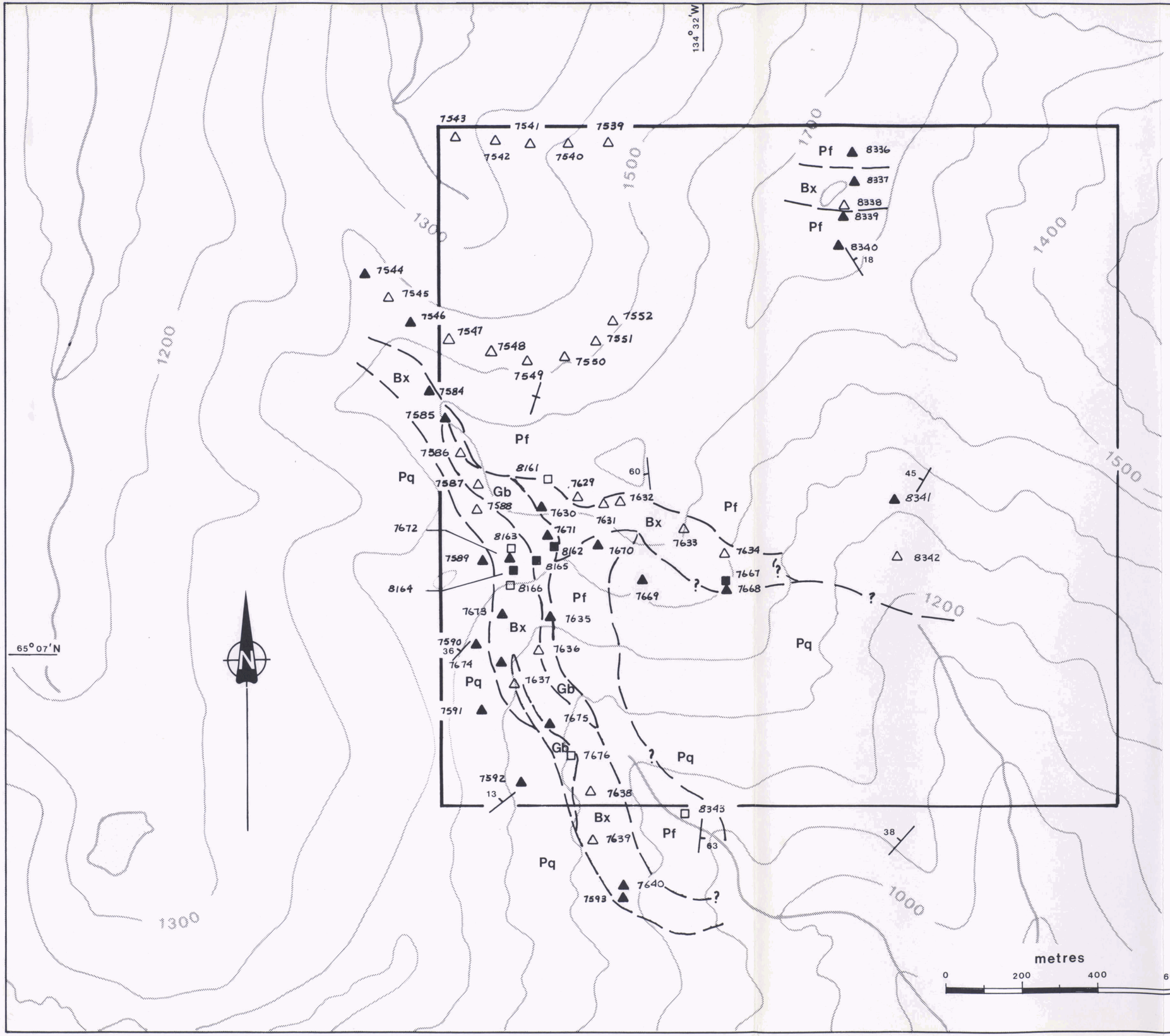
Bedding tops unknown

Anticlinal axis (arrow indicates plunge)

Synclinal axis (arrow indicates plunge)



Limits of unconsolidated glacial and alluvial deposits



LEGEND

LITHOLOGIES

PROTEROZOIC

Gb GABBRO: minor hematite breccia
Bx HEMATITE BRECCIA: Heterolithic breccia; also includes minor carbonate breccia & metasomatite

WERNECKE SUPERGROUP

Pq QUARTET GROUP: Black shale and siltstone
Pf FAIRCHILD LAKE GROUP: Calcareous siltstone, slate and quartzite

SYMBOLS

Geological contact (approximate)

Bedding (25)

▲ △ Lithogeochemical sample (in situ, float)

■ □ Select, grab sample (in situ, float)

Note: Only last four digits in sample number shown (eg. 7590 = 547590)

LITHOGEOCHEMICAL SAMPLE RESULTS

Sample Number	Copper (ppm/%)	Gold (ppb)	Sample Number	Copper (ppm/%)	Gold (ppb)
547539	37	<5	547635	4	10
547540	22	<5	547636	2	5
547541	124	5	547637	543	15
547542	162	<5	547638	1	<5
547543	214	<5	547639	<1	<5
547544	11	<5	547640	<1	<5
547545	6	<5	547667	2	<5
547546	109	<5	547668	6	<5
547547	80	<5	547669	2	<5
547548	23	<5	547670	2	<5
547549	23	<5	547671	220	<5
547550	5	<5	547672	65	<5
547551	2	<5	547673	13	<5
547552	11	<5	547674	103	<5
547584	306	10	547675	483	5
547585	6	<5	547676	1.02%	30
547586	43	<5	547030	2.20%	35
547587	19	<5	548161	1	<5
547588	4	<5	548162	72	<5
547589	22	<5	548163	928	10
547590	9	<5	548164	912	15
547591	21	<5	548165	1.68%	205
547592	52	<5	548166	1374	20
547593	4	<5	548336	29	<5
547629	8	20	548337	13	<5
547630	2047	35	548338	33	<5
547631	12	5	548339	147	<5
547632	4	<5	548340	16	5
547633	8	<5	548341	62	<5
547634	7	<5	548342	191	5
			548343	2775	5

WESTMIN RESOURCES LIMITED

FAIRCHILD LAKE PROJECT
YUKON TERRITORY

QUARTET 1 - 16 CLAIMS

ROCK GEOCHEMISTRY

PAMICON DEVELOPMENTS LIMITED/ **EQUITY** ENGINEERING LTD.

DRAWN BY: R.D.	MINING DISTRICT: MAYO	FIGURE:
N.T.S.: 106E/2	SCALE: 1:10,000	4
DATE: NOV. 1992	REVISED:	

sandstone and their metamorphosed equivalents. A second suite of rocks including calcareous siltstone, dolomite, slate and phyllite have tentatively been mapped as Fairchild Lake Group. Additional mapping will be required to determine either the structural and stratigraphic relationships between the two units. Three, anastomosing heterolithic, hematite breccia bodies outcrop in the southwest, central and northeast claims and were the focus of the 1992 lithogeochem sampling program. An imbricated, sill-like gabbro unit is associated with one of these bodies and hosts much of the copper mineralization found to date on the property.

Quartet Group rocks are fine grained, weakly metamorphosed clastic sediments that weather either dark green, grey or black and include the following lithologies: shale, slate, phyllite, siltstone, sandstone, argillite and quartzite. Outcropping in the west and south claims, the unit is locally laminarly banded, cross cut by quartz veinlets and is weakly altered to a biotite-chlorite-hematite hornfels.

The Fairchild Lake Group rocks on the property consist of light grey to green weathering, resistant spire forming calcareous siltstone, dolomite, slate, and minor phyllite. The unit is locally skarnified or hornfelsed.

The sill-like or cross-cutting, linear bodies of heterolithic hematite breccia are approximately 60 to 120 m wide and at several locations are in contact with and occupy the same fault structure as a sheared gabbro dyke or sill. Termination of the breccia bodies was not observed but pinching out and fault contacts are expected. This blocky grey weathering, matrix supported breccia generally contains between 1 and 5% specular hematite and local pyrite and magnetite. Both well rounded and angular fragments of metasediments up to 15 cm long are pervasively well altered to jasper (silicification and hematization), dolomite and albite. Chlorite, carbonate and silica are common components of the fine grain matrix.

Mineralization includes abundant specular hematite, minor magnetite and pyrite in the hematitie breccia and nearby sediments. Chalcopyrite and trace bornite is associated with a sheared contact between the hematite breccia and gabbro at two locations. Sample 548165, a prospector grab assayed 1.68% Cu and 205 ppb Au. Five hundred metres to the south, select grab sample 547676 ran 1.02% Cu and 30 ppb Au.

8.0 ROCK GEOCHEMISTRY (Figure 4)

A total of 51 lithogeochemical samples and 10 grab samples were collected from the Quartet claims. Where possible, bedrock was sampled every 100 metres and if absent, coarse talus was substituted. Figure 4 gives sample type, tag number and a table of results including copper and gold.

Copper results vary according to host rock type. For the lithogeochemical work, a breakdown includes 24 breccia, 22 sediments and 5 gabbro samples. Respective average values for each group are 16, 61 and 719 ppm Cu. The gabbro unit and or the fault it occupies is clearly related to elevated copper values.

Cobalt results vary between 3 to 48 ppm and gold values range from <5 (40 of 51 samples) to 35 ppb. Two stations were strongly anomalous in zinc and lead. Samples 548341 and 548342 returned respective zinc-lead values of 1606-46 and 1242-400 Zn-Pb. All results are reported in the appendices.

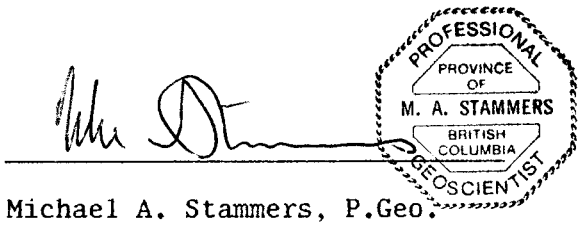
9.0 CONCLUSIONS AND RECOMMENDATIONS

The Quartet 1-16 mineral claims were staked in June 1992 to cover a hematite breccia complex during the course of an acquisition program pursuing Olympic Dam type copper-gold-uranium-silver deposits. Total time spent on the property was seven man days with the most emphasis placed on the southwestern breccia body. The north breccia and the east extension of the central breccia

were not mapped or sampled resulting in an incomplete property evaluation. Results of the mapping and lithogeochemistry sampling program located minor copper mineralization associated with a sheared gabbro unit on the Quartet 4 and 6 claims. The breccias that were sampled, prospected and mapped do not host any significant copper mineralization.

Only limited further work including prospecting and rock sampling on the property is advised.

Respectfully submitted,



Michael A. Stammers, P.Geo.

APPENDIX I

BIBLIOGRAPHY

BIBLIOGRAPHY

Delaney, G.D. (1981): The Mid-Proterozoic Wernecke Supergroup, Wernecke Mountains, Yukon Territory; in Proterozoic Basins of Canada, Geological Survey of Canada, Paper 81-10, p. 1-23.

Delaney, G.D. (1985): The Middle Proterozoic Wernecke Supergroup, Wernecke Mountains, Yukon Territory; unpublished Ph.D. Thesis, University of Western Ontario, 373 pp.

Laznicka, P. and R.J. Edwards (1979): Dolores Creek, Yukon - A Disseminated Copper Mineralization in Sodic Metasomatites; in Economic Geology, Vol. 74, p. 1352-1370.

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Yeo, G.M. (1986): Iron-Formation in the Late Proterozoic Rapitan Group, Yukon and Northwest Territories; in Mineral Deposits of the Northern Cordillera, Canadian Institute of Mining and Metallurgy Special Vol. 37, p. 142-153.

APPENDIX II

LIST OF PERSONNEL

LIST OF PERSONNEL

QUARTET 1-16 MINERAL CLAIMS

AUGUST 10 TO SEPTEMBER 10, 1992

M. Stammers 711, 675 West Hastings Street Vancouver, B.C. V6B 1N4	Senior Geologist	5 days
M. Jones 904, 1055 Dunsmuir Street Vancouver, B.C. V7X 1C4	Geologist	2 days
E. Debock 711, 675 West Hastings Street Vancouver, B.C. V6B 1N4	Senior Prospector	1.5 days
C. Rockingham 904, 1055 Dunsmuir Street Vancouver, B.C. V7X 1C4	Geologist	1 day
B. Kasper 207, 675 West Hastings Street Vancouver, B.C. V6B 1N2	Field Geologist	1.5 days
K. Parsons c/o TNTA Carmacks, Yukon	Cook	1.5 days

APPENDIX III

COST STATEMENT

CANADA) In the matter of an evaluation program on the Quartet 1-16
) Mineral Claims

I, Mike Stammers for Pamicon Developments Ltd., 711, 675 West Hastings Street, Vancouver, B.C. do solemnly declare that a program consisting of lithogeochemical sampling, geological mapping, and prospecting was carried out on the Quartet Mineral Claims during the period August 10 to September 10, 1992.

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

WAGES

M. Stammers (Sr. Geologist) - 5 days @ $375.00 711, 675 West Hastings Street Vancouver, B.C. V6B 1N4	$ 1,875.00	
M. Jones (Geologist) - 2 days @ $225.00 904, 1055 Dunsmuir Street Vancouver, B.C. V7X 1C4	450.00	
E. Debock (Sr. Prospector) - 1.5 days @ $250.00 711, 675 West Hastings Street Vancouver, B.C. V6B 1N4	375.00	
C. Rockingham (Geologist) - 1 day @ $300.00 904, 1055 Dunsmuir Street Vancouver, B.C. V7X 1C4	300.00	
B. Kasper (Field Geologist) - 1.5 days @ $300.00 207, 675 West Hastings Street Vancouver, B.C. V6B 1N2	450.00	
K. Parsons (Cook) - 1.5 days @ $250.00 c/o TNTA Carmacks, Yukon	375.00	
		$ 3,825.00

HELICOPTER

Flight Time - 2.9 hours @ $600.00	$ 1,740.00	
Fuel	429.91	
		2,169.91

ASSAYS

61 rock samples @ $14.95	$ 911.95	
3 Cu assays @ $5.81	17.43	
		929.38

GENERAL EXPENSES

Travel, Accommodation and Meals	$ 300.54	
Airfares	232.50	
Camp Food	296.46	
Camp Fuel	19.28	
Camp Rental	448.13	
Radio Rental	62.63	
Field Equipment Rental	36.75	
Equipment Fuel	10.80	
Truck Rental	157.55	
Field Equipment and Supplies	311.12	
Maps and Reproductions	58.37	
Expediting	77.97	
Telephone and Communications	53.80	
Fixed Wing	1,530.00	
Freight	62.75	
Legal Fees (notarizing claims forms)	4.77	
Clerical (UTM's, etc.)	172.12	
Report	1,583.72	
Management Fee	1,589.93	
		7,009.19
		13,933.48
GST		975.34
TOTAL THIS PROJECT		$14,908.82

Notes:

1. Wages are based on man days spent on the property and prep time charges.
2. Helicopter charges are based on actual hours flown.
3. Assay charges are based on actual numbers of samples from the property.
4. General expenses (all other costs) are pro rated according to man days allocated to each property, which in this case is 7.5% of the total budget.

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

Declared before me at Vancouver in)
the Province of British Columbia this)
27th day of January, 1993)

A Commissioner for Oaths for, or
Notary Public for the Yukon Territory

APPENDIX IV

ROCK SAMPLE DESCRIPTIONS

MINERALS AND ALTERATION TYPES

AS	arsenopyrite	BA	barite	BI	biotite
CA	calcite	CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CP	chalcopyrite	CY	clay
DI	diopside	EP	epidote	GA	garnet
GE	goethite	GL	galena	HE	hematite
HS	specularite	JA	jarosite	MC	malachite
MG	magnetite	MN	Mn-oxides	MS	sericite
PO	pyrrhotite	PY	pyrite	QZ	quartz
SI	silica	SP	sphalerite	TT	tetrahedrite

ALTERATION INTENSITIES

s	strong	m	medium	w	weak	tr	trace

NOTE: Copper values are shown in either parts per million (whole numbers) or as a percentage (decimal numbers)

Property : QUARTET NTS : 106E/2 Date : 12/06/92

Sample No.						Au	Co	Cu	La	U	W
	Location :	7222 720 N	Type : Float	Alteration :	BI, CA?, CL	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 680 E	Strike Length Exp. : m	Sulphides :	None						
547539	Elevation:	1455 m	Sample Width : m	Oxides :	None	<5	14.	37.	40.	<10	10.
	Orientation:	/	True Width : m	Host :	Sedimentary - dark grey, locally limey						

Comments : Subcrop

Sample No.						Au	Co	Cu	La	U	W
	Location :	7222 710 N	Type : Float	Alteration :	wCA, m-sQZ	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 580 E	Strike Length Exp. : m	Sulphides :	None						
547540	Elevation:	1415 m	Sample Width : m	Oxides :	None	<5	11.	22.	20.	<10	0.
	Orientation:	/	True Width : m	Host :	Light green sediment						

Comments : Siliceous sediment - abundant quartz veins and veinlets cut through - bedding not well defined. Subcrop.

Sample No.						Au	Co	Cu	La	U	W
	Location :	7222 710 N	Type : Float	Alteration :	CL, QZ?	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 470 E	Strike Length Exp. : m	Sulphides :	None						
547541	Elevation:	1385 m	Sample Width : m	Oxides :	None	5.	8.	124.	150.	<10	10.
	Orientation:	/	True Width : m	Host :	Sediments						

Comments : Minor quartz veining.

Sample No.						Au	Co	Cu	La	U	W
	Location :	7222 720 N	Type : Float	Alteration :	HE on surface	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 380 E	Strike Length Exp. : m	Sulphides :	None						
547542	Elevation:	1335 m	Sample Width : m	Oxides :	None	<5	16.	162.	50.	<10	10.
	Orientation:	/	True Width : m	Host :	Sediments - weak hematite stain						

Comments :

Sample No.						Au	Co	Cu	La	U	W
	Location :	7222 730 N	Type : Float	Alteration :	CL, HE	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 270 E	Strike Length Exp. : m	Sulphides :	None						
547543	Elevation:	1295 m	Sample Width : m	Oxides :	None	<5	17.	214.	60.	<10	20.
	Orientation:	/	True Width : m	Host :	Sediments - well bedded						

Comments : Minor breccia locally.

Sample No.						Au	Co	Cu	La	U	W
	Location :	7222 370 N	Type : Grab	Alteration :	CL, HE	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 040 E	Strike Length Exp. : m	Sulphides :	None						
547544	Elevation:	1435 m	Sample Width : 2x2 m	Oxides :	None	<5	3.	11.	80.	<10	0.
	Orientation:	/	True Width : m	Host :	Sediment						

Comments : Weakly altered sediments. Quartz hematite veinlets in outcrop - not common.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7222 300 N	Float		CL, QZ, HE						
	521 100 E	Strike Length Exp. : m	Sulphides :	None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547545	Elevation: 1435 m	Sample Width : m	Oxides :	None	<5	3.	6.	30.	<10	0.
	Orientation: /	True Width : m	Host :	Weakly altered/brecciated sediments						

Comments : Seems to be getting more common to see brecciated sediments - not the breccia though.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7222 230 N	Grab		CA, CL, HE						
	521 160 E	Strike Length Exp. : 15 m	Sulphides :	None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547546	Elevation: 1450 m	Sample Width : 2x2 m	Oxides :	HE	<5	24.	109.	40.	<10	20.
	Orientation: /	True Width : m	Host :	Chloritic sediment - weak hematite alteration						

Comments : Mid talus slope outcrop.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7222 190 N	Float		CA, CL,HE						
	521 270 E	Strike Length Exp. : m	Sulphides :	None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547547	Elevation: 1460 m	Sample Width : m	Oxides :	None	<5	23.	80.	60.	<10	20.
	Orientation: /	True Width : m	Host :	Argillaceous sediments						

Comments : Chloritic hematite altered argillaceous sediments.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7222 760 N	Float		CL, HE						
	521 380 E	Strike Length Exp. : m	Sulphides :	trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547548	Elevation: 1465 m	Sample Width : m	Oxides :	None	<5	18.	23.	40.	<10	10.
	Orientation: /	True Width : m	Host :	Chloritic hematite rich sediments - argillaceous clastic						

Comments :

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7222 130 N	Float		CA, CL, HE						
	521 470 E	Strike Length Exp. : m	Sulphides :	trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547549	Elevation: 1480 m	Sample Width : m	Oxides :	None	<5	10.	23.	10.	<10	10.
	Orientation: /	True Width : m	Host :	Limey argillaceous sediments						

Comments : Possibly minor skarnification.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7222 150 N	Float		CL, MS, QZ, HE						
	521 570 E	Strike Length Exp. : m	Sulphides :	trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547550	Elevation: 1490 m	Sample Width : m	Oxides :	None	<5	6.	5.	90.	<10	0.
	Orientation: /	True Width : m	Host :	Argillaceous sediments						

Comments : Chloritic hematite altered sediments - local quartz-sericite veining - no sulfides.

Sample No.						Au	Co	Cu	La	U	W
	Location :	7222 190 N	Type : Grab	Alteration :	wCA	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 650 E	Strike Length Exp. : >100 m	Sulphides :	None						
547551	Elevation:	1490 m	Sample Width : 2x2 m	Oxides :	None	<5	8.	2.	20.	<10	10.
	Orientation:	/	True Width : m	Host :	Limey argillaceous sediments						

Comments :

Sample No.						Au	Co	Cu	La	U	W
	Location :	7222 250 N	Type : Grab	Alteration :	None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 700 E	Strike Length Exp. : >100 m	Sulphides :	None						
547552	Elevation:	1485 m	Sample Width : 2x2 m	Oxides :	nOne	<5	9.	11.	40.	<10	10.
	Orientation:	020 / 63 E	True Width : m	Host :	Limey argillite						

Comments : No significant alteration apparent.

Sample No.						Au	Co	Cu	La	U	W
	Location :	7222 050 N	Type : Grab	Alteration :	CL	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 210 E	Strike Length Exp. : 200 m	Sulphides :	trPY, HS						
547584	Elevation:	1600 m	Sample Width : 2x2 m	Oxides :		10.	24.	306.	0.	<10	10.
	Orientation:	/	True Width : m	Host :	Sheared hematite-chlorite breccia						

Comments : Sheared margin of breccia. Possible dyke nearby?

Sample No.						Au	Co	Cu	La	U	W
	Location :	7221 990 N	Type : Grab	Alteration :	CA, CL	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 250 E	Strike Length Exp. : 200 m	Sulphides :	None						
547585	Elevation:	1610 m	Sample Width : 2x2 m	Oxides :	None	<5	42.	6.	0.	<10	20.
	Orientation:	/	True Width : m	Host :	Sheared hematite-chlorite gabbro?						

Comments : On ridge top - with mineralized breccia.

Sample No.						Au	Co	Cu	La	U	W
	Location :	7221 900 N	Type : Float	Alteration :	None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 295 E	Strike Length Exp. : m	Sulphides :	None						
547586	Elevation:	1600 m	Sample Width : m	Oxides :	None	<5	13.	43.	30.	<10	10.
	Orientation:	/	True Width : m	Host :	Sediment - massive to bedded.						

Comments : Talus - seems to be covering breccia body on ridge slope.

Sample No.						Au	Co	Cu	La	U	W
	Location :	7221 810 N	Type :	Alteration :	CA	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 340 E	Strike Length Exp. : m	Sulphides :	HS						
547587	Elevation:	1598 m	Sample Width : m	Oxides :	None	<5	6.	19.	40.	<10	20.
	Orientation:	/	True Width : m	Host :	Hematite breccia, minor sediments						

Comments : Basically monolithic breccia - sediments. Hematized clasts common.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7221 740 N	Float	CL, HE	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	521 340 E	Strike Length Exp. : m	Sulphides : None						
547588	Elevation: 0 ft	Sample Width : m	Oxides : None	<5	6.	4.	40.	<10	20.
	Orientation: /	True Width : m	Host : Breccia - hematized sediments						

Comments : Poorly developed breccia - marginal?

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7221 610 N	Grab	None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	521 350 E	Strike Length Exp. : m	Sulphides : None						
547589	Elevation: 1565 m	Sample Width : 2x2 m	Oxides : None	<5	10.	22.	10.	<10	0.
	Orientation: /	True Width : m	Host : Subcrop of phyllite - dark above						

Comments : In saddle along western boundary of claims.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7221 390 N	Grab	None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	521 340 E	Strike Length Exp. : 10 m	Sulphides : None						
547590	Elevation: 1490 m	Sample Width : 2x2 m	Oxides : None	<5	10.	9.	30.	<10	0.
	Orientation: /	True Width : m	Host : Argillite						

Comments : Weak quartz-carbonate veinlets throughout.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7221 215 N	Grab	None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	521 350 E	Strike Length Exp. : 100 m	Sulphides : None						
547591	Elevation: 1435 m	Sample Width : 2x2 m	Oxides : None	<5	7.	21.	40.	<10	0.
	Orientation: 080 / 20 N	True Width : m	Host : Black phyllite - argillite - siltstone						

Comments :

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7221 030 N	Grab	None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	521 460 E	Strike Length Exp. : m	Sulphides : None						
547592	Elevation: 1380 m	Sample Width : 2x2 m	Oxides : None	<5	8.	52.	20.	<10	0.
	Orientation: 048 / 13 NW	True Width : m	Host : Turbiditic phyllite						

Comments : Large turbidite section.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7220 730 N	Grab	CL, QZ, HE	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	521 730 E	Strike Length Exp. : 25 m	Sulphides : HS						
547593	Elevation: 1200 m	Sample Width : 2x2 m	Oxides : None	<5	12.	4.	0.	<10	20.
	Orientation: /	True Width : m	Host : Hematite breccia - sediment						

Comments : Mixed hematite breccia, sediments, near contact.

Sample No.							Au	Co	Cu	La	U	W
	Location :	7221 780 N	Type : Float/grab	Alteration :	CB, SI		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 600 E	Strike Length Exp. : m	Sulphides :	SP?, HS							
547629	Elevation:	1635 m	Sample Width : m	Oxides :	None		20.	12.	8.	0.	<10	10.
	Orientation:	/	True Width : m	Host :	Banded siltstone/quartet							

Comments : Located 20m west of Quartet 3-6 Posts.

Sample No.							Au	Co	Cu	La	U	W
	Location :	7221 760 N	Type : Select/grab	Alteration :	CL, KF, SI		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 510 E	Strike Length Exp. : m	Sulphides :	trCC,<1%CP,MG,1-3%HS,<1%U							
547630	Elevation:	1625 m	Sample Width : m	Oxides :	MC		35.	11.	2047.	10.	<10	20.
	Orientation:	/	True Width : m	Host :	Wernecke breccia							

Comments : Lithogeochem composite grab 4x3m, visible copper is marginal. Gabbro nearby.

Sample No.							Au	Co	Cu	La	U	W
	Location :	7221 770 N	Type : Float/grab	Alteration :	CL, KF		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 670 E	Strike Length Exp. : m	Sulphides :	<2%HS							
547631	Elevation:	1635 m	Sample Width : m	Oxides :	None		5.	11.	12.	60.	200.	10.
	Orientation:	/	True Width : m	Host :	Wernecke breccia							

Comments : Lithogeochem composite grab, 100m ENE of 547631.

Sample No.							Au	Co	Cu	La	U	W
	Location :	7221 790 N	Type : Float/grab	Alteration :	CL, KF		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 790 E	Strike Length Exp. : m	Sulphides :	<2%HS							
547632	Elevation:	1670 m	Sample Width : m	Oxides :	None		<5	8.	4.	10.	<10	10.
	Orientation:	/	True Width : m	Host :	Wernecke breccia							

Comments : Lithogeochem composite grab. 100m east north east of 547631.

Sample No.							Au	Co	Cu	La	U	W
	Location :	7221 700 N	Type : Float/grab	Alteration :	CB, CL, KF		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 890 E	Strike Length Exp. : m	Sulphides :	<1%HS							
547633	Elevation:	1600 m	Sample Width : m	Oxides :	None		<5	3.	8.	50.	<10	0.
	Orientation:	/	True Width : m	Host :	Wernecke breccia							

Comments : Lithogeochem composite. 125m SE of 547632.

Sample No.							Au	Co	Cu	La	U	W
	Location :	7221 640 N	Type : Float/grab	Alteration :	CA, QZ		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		521 990 E	Strike Length Exp. : m	Sulphides :	None							
547634	Elevation:	1580 m	Sample Width : m	Oxides :	None		<5	4.	7.	0.	<10	0.
	Orientation:	/	True Width : m	Host :	Metasomatite							

Comments : Lithogeochem composite.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7221 470 N 521 530 E	Grab Strike Length Exp. : m	Alteration : Sulphides :	90%CL, KF, SI HS						
547635	Elevation: 1440 m Orientation: /	Sample Width : m True Width : m	Oxides : Host :	None Wernecke breccia	10.	17.	4.	10.	10.	20.

Comments : Composite lithogeochem grab.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7221 370 N 521 500 E	Float/grab Strike Length Exp. : m	Alteration : Sulphides :	CL 2-4%HS						
547636	Elevation: 1420 m Orientation: /	Sample Width : m True Width : m	Oxides : Host :	MN Wernecke breccia	5.	6.	2.	0.	<10	10.

Comments : Composite lithogeochem grab.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7221 290 N 521 440 E	Float/grab Strike Length Exp. : m	Alteration : Sulphides :	CL <%CP, HS						
547637	Elevation: 1400 m Orientation: /	Sample Width : m True Width : m	Oxides : Host :	MC Sheared Wernecke breccia and gabbro	15.	35.	543.	10.	<10	30.

Comments : Lithogeochem composite grab 3x3m. Note abundant copper float in area including bornite, chalcocite and chalcopyrite?

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7221 010 N 521 650 E	Float/grab Strike Length Exp. : m	Alteration : Sulphides :	CL, SI 1-3%HS						
547638	Elevation: 1278 m Orientation: /	Sample Width : m True Width : m	Oxides : Host :	None Wernecke breccia	<5	11.	1.	70.	<10	20.

Comments : Indistinct clasts. Lithogeochem composite grab 3x3m.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7220 870 N 521 650 E	Chip/talus Strike Length Exp. : m	Alteration : Sulphides :	CL 1-5%HS						
547639	Elevation: 1275 m Orientation: /	Sample Width : m True Width : m	Oxides : Host :	None Wernecke breccia	<5	7.	<1	60.	<10	20.

Comments : Lithogeochem composite grab, 3x3m outcrop. 150m north of Last Post.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7220 750 N 521 730 E	Grab Strike Length Exp. : m	Alteration : Sulphides :	CL 1-5%HS						
547640	Elevation: 1250 m Orientation: /	Sample Width : m True Width : m	Oxides : Host :	None Wernecke breccia	<5	3.	<1	80.	<10	10.

Comments : Lithogeochem composite grab, 3x2m outcrop.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
547667	7221 560 N, 521 995 E; Elevation: 1500 m; Orientation: /	Select; Strike Length Exp. : m; Sample Width : 50 cm; True Width : 2+ m	CP, SI	<5	5.	2.	0.	<10	20.
			Sulphides : 50%HS						
			Oxides : None						
			Host : Wernecke brreccia						

Comments : Massive specularite in dolomite matrix. Possible contact zone looks a bit like Igor.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
547668	7221 560 N, 521 995 E; Elevation: 1500 m; Orientation: /	Chip; Strike Length Exp. : m; Sample Width : m; True Width : m	DO, SI	<5	7.	6.	0.	<10	30.
			Sulphides : trHS						
			Oxides : None						
			Host : Wernecke breccia						

Comments : Lithogeochem composite. Silica-dolomite matrix, subtle clasts, scree.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
547669	7221 570 N, 521 780 E; Elevation: 1532 m; Orientation: /	Grab; Strike Length Exp. : m; Sample Width : m; True Width : m	CB, CL, SI	<5	5.	2.	30.	<10	0.
			Sulphides : trHS						
			Oxides : None						
			Host : Wernecke breccia						

Comments : Lithgeochem. Typical unmineralized (?) breccia. 200m from 547667 and 547668.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
547670	7221 660 N, 521 660 E; Elevation: 1560 m; Orientation: /	Chip; Strike Length Exp. : m; Sample Width : m; True Width : m	SI	<5	6.	2.	40.	<10	10.
			Sulphides : 3%HS						
			Oxides : None						
			Host :						

Comments : Lithogeochem. Increased hematite and silica. Quartet fragments. 500m from 547667 and 547668.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
547671	7221 680 N, 521 530 E; Elevation: 1565 m; Orientation: /	Grab; Strike Length Exp. : m; Sample Width : m; True Width : m	CL, EP	<5	29.	220.	30.	<10	30.
			Sulphides : trCP, trHS						
			Oxides : None						
			Host : Gabbro/breccia						

Comments : Mixed talus dominated by gabbro, some breccia, some sediments. Tom Bell found some bornite below to south.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
547672	7221 610 N, 521 420 E; Elevation: 1540 m; Orientation: /	Chip; Strike Length Exp. : m; Sample Width : m; True Width : m	CL, KF, SI	<5	6.	65.	60.	<10	10.
			Sulphides : HS, U308?						
			Oxides : MC						
			Host : Wernecke breccia						

Comments : Possible U308. Minor specularite. Composite chip.

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Sample No.	Location		Type		Alteration		Au	Co	Cu	La	U	W
	7221 470 N	521 410 E	Strike Length Exp. : m		Sulphides	: <1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547673	Elevation:	1470 m	Sample Width : m		Oxides	: GE, MN	<5	9.	13.	30.	<10	10.
	Orientation:	/	True Width : m		Host	: Altered Quartet slate						

Comments : Weakly altered sediments located on west contact zone; not a whole lot of breccia here. Lithogeochem sample.

Sample No.	Location		Type		Alteration		Au	Co	Cu	La	U	W
	7221 350 N	521 410 E	Strike Length Exp. : m		Sulphides	: <1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547674	Elevation:	1390 m	Sample Width : m		Oxides	: None	<5	25.	103.	0.	<10	20.
	Orientation:	/	True Width : m		Host	: Wernecke (pseudo) contact breccia						

Comments : Lithosample.

Sample No.	Location		Type		Alteration		Au	Co	Cu	La	U	W
	7221 190 N	521 530 E	Strike Length Exp. : m		Sulphides	: trCP, trHS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547675	Elevation:	1340 m	Sample Width : m		Oxides	: GE, MC	5.	31.	483.	30.	40.	20.
	Orientation:	/	True Width : m		Host	: Wernecke breccia contact zone						

Comments : Lithogeochem composite chip. May be sheared gabbro. Note minor lamprophyre dyke in area.

Sample No.	Location		Type		Alteration		Au	Co	Cu	La	U	W
	7221 100 N	521 595 E	Strike Length Exp. : m		Sulphides	: 1-4%CP, <1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547676	Elevation:	1310 m	Sample Width : m		Oxides	: MC	30.	50.	1.02.	20.	<10	0.
	Orientation:	/	True Width : m		Host	: Sheared gabbro						

Comments : On western contact with Quartet shale. Breccia downslope 20-40m.

Sample No.	Location		Type		Alteration		Au	Co	Cu	La	U	W
	7222 400 N	523 570 E	Strike Length Exp. : m		Sulphides	: CP	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
548030	Elevation:	1025 m	Sample Width : m		Oxides	: MC	35.	51.	2.20.	10.	20.	100.
	Orientation:	/	True Width : m		Host	: Bleached breccia						

Comments : Some brannerite in 30cm block. Sample on creek bed.

Sample No.	Location		Type		Alteration		Au	Co	Cu	La	U	W
	7221 830 N	521 530 E	Strike Length Exp. : m		Sulphides	: 5-10%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
548161	Elevation:	5450 ft	Sample Width : m		Oxides	: None	<5	13.	1.	20.	10.	10.
	Orientation:	/	True Width : m		Host	: Breccia						

Comments : Subcrop.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7221 650 N 521 550 E	Grab Strike Length Exp. : m	sCL, mHE Sulphides : <1%BO,<1%CP,1-2%MG,<1%PY						
548162	Elevation: 5150 ft Orientation: /	Sample Width : m True Width : m	Oxides : 5%HS Host : Gabbro	<5	41.	72.	20.	10.	40.

Comments : Taken in subcrop. Grab over 3m radius. 15m @ 340o from sample 547671 of M. Stammers.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7221 630 N 521 430 E	Float Strike Length Exp. : m	sCB, sCL Sulphides : <1%CP						
548163	Elevation: 5150 ft Orientation: /	Sample Width : m True Width : m	Oxides : None Host :	10.	23.	928.	0.	20.	10.

Comments : Subcrop 10m above M. Stammers' sample 547672.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7221 590 N 521 410 E	Grab Strike Length Exp. : m	sCB, sCL Sulphides : 1-2%CP, mHS						
548164	Elevation: 5100 ft Orientation: /	Sample Width : 1 m True Width : m	Oxides : None Host :	15.	52.	912.	20.	10.	40.

Comments : West side of fault running 330o. Slickensides.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7221 590 N 521 410 E	Grab Strike Length Exp. : m	sCB, sCL, mHE Sulphides : 1-2%CP						
548165	Elevation: 5100 ft Orientation: /	Sample Width : 1 m True Width : m	Oxides : None Host :	205.	134.	1.68.	0.	50.	100.

Comments : 4m east of 548164. West side of fault. Slickensides.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7221 550 N 521 430 E	Float Strike Length Exp. : m	wCA, sCB, sCL, wHE Sulphides : <1%CP						
548166	Elevation: 4900 ft Orientation: /	Sample Width : m True Width : m	Oxides : None Host :	20.	30.	1374.	0.	20.	30.

Comments : Subcrop near fault zone.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7222 690 N 522 320 E	Grab Strike Length Exp. : >100 m	wCL Sulphides : None						
548336	Elevation: 1800 m Orientation: 168 / 18 E	Sample Width : 1.5 m True Width : 0.4 m	Oxides : None Host : Slate	<5	34.	29.	40.	<10	10.

Comments : Random grab of slate outcrop.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548337	7222 620 N, 522 330 E; Elevation: 1780 m; Orientation: /	Grab; Strike Length Exp. : >50 m; Sample Width : 3 m; True Width : m	sCL, wQZ; Sulphides : 1-5%HS; Oxides : None; Host : Breccia	<5	20.	13.	20.	10.	20.

Comments : Random grab of breccia outcrop. Specular hematite found unevenly distributed throughout matrix. Matrix is generally strongly chloritic.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548338	7222 550 N, 522 300 E; Elevation: 1768 m; Orientation: /	Float; Strike Length Exp. : m; Sample Width : m; True Width : m	sCL, KF?, mQZ; Sulphides : 1-2%MG, 5%HS; Oxides : None; Host : Breccia	<5	22.	33.	30.	<10	20.

Comments : Specular hematite only found in certain pieces and not with magnetite-rich pieces. Grab of breccia float at breccia-slate contact.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548339	7222 530 N, 522 300 E; Elevation: 1768 m; Orientation: /	Grab; Strike Length Exp. : >10 m; Sample Width : 3.0 m; True Width : 2.0 m	wCA, mCL; Sulphides : None; Oxides : GE; Host : Slate	<5	16.	147.	100.	<10	0.

Comments : Slate outcrop on south side of breccia - random grab from outcrop.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548340	7222 460 N, 522 290 E; Elevation: 1745 m; Orientation: 150 / 18 NE	Grab; Strike Length Exp. : >20 m; Sample Width : 4.0 m; True Width : 2.0 m	mCA, mCL, mQZ; Sulphides : None; Oxides : trGE, MN; Host : Interbedded quartzite and dolomite siltstone	5.	9.	16.	60.	<10	0.

Comments : Rock outcrop is highly fractured with calcite and quartz, quartz and quartz and chlorite veins. Random grab of outcrop.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548341	7221 790 N, 522 440 E; Elevation: 1320 m; Orientation: 055 / 14 NW	Grab; Strike Length Exp. : 2.0 m; Sample Width : 1.0 m; True Width : 0.5 m	sCA, wCL; Sulphides : trCP, 1%PY; Oxides : trMC, MC; Host : Limey sediments?	<5	8.	62.	0.	80.	10.

Comments : Finely disseminated chalcopyrite and pyrite within strongly calcite-altered sedimentary rock.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548342	7221 630 N, 522 450 E; Elevation: 1240 m; Orientation: /	Float; Strike Length Exp. : m; Sample Width : 50 cm; True Width : 5 cm	sCA, mCL, wQZ; Sulphides : trCP, 4%MG, 3%PY; Oxides : 30%GE, MN; Host : Hornfels sediments	5.	48.	191.	0.	60.	60.

Comments : Narrow shear-hosted chalcopyrite/quartz vein in a large boulder. Vein is marked by a large distinct goethite rind.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7220 950 N	Float	mCA, sCL	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	521 890 E	Strike Length Exp. : m	Sulphides : CC?, CP?, 10-25%HS						
548343	Elevation: 0 ft	Sample Width : m	Oxides : MC	5.	9.	2775.	0.	30.	20.
	Orientation: /	True Width : m	Host : Breccia						

Comments : Breccia float found along creek.

APPENDIX V

ANALYTICAL PROCEDURES

Chemex Labs Ltd.

Analytical Chemists *Geochemists* *Registered Assayers*

212 Brooksbank Ave.
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24-Element Geochemistry Package (24-ICP)

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

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

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

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

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Gold

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

Chemex Code: 100

A 10g sample is fused with a neutral lead oxide flux inquarted with 6mg of gold-free silver and then cupelled to yield a precious metal bead.

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

Detection limit: 5 ppb

Upper Limit: 10,000 ppb

APPENDIX VI

CERTIFICATES OF ANALYSIS

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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PA N DE PME MITE

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

Project : FAIRCHILD LAKE - QUARTET
Comments: CC: MURRAY JONES CC: DAVID CAULFIELD

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Total Pages : 4
Certificate Date: 29-SEP-92
Invoice No. :
P.O. Number :
Account :BM

	Au ppb	Ag ppm	Al %	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %
547539	<5	<0.2	8.02	2100	1.0	<2	1.92	0.5	14	107	37	3.41	3.21	1.43
547540	<5	<0.2	5.80	100	<0.5	4	0.44	<0.5	11	176	22	1.57	0.37	2.71
547541	5	<0.2	8.12	580	1.0	2	2.03	<0.5	8	96	124	3.18	2.09	0.84
547542	<5	<0.2	6.77	450	0.5	<2	1.67	<0.5	16	121	162	3.46	3.06	1.27
547543	<5	<0.2	7.26	430	1.0	8	1.07	0.5	17	88	214	4.41	3.22	1.66
547544	<5	<0.2	7.08	790	<0.5	<2	1.46	<0.5	3	103	11	2.23	3.92	0.64
547545	<5	<0.2	5.92	20	<0.5	2	1.42	<0.5	3	110	6	1.83	0.24	1.00
547546	<5	<0.2	7.75	590	0.5	<2	1.61	0.5	24	113	109	4.78	3.84	1.35
547547	<5	<0.2	8.17	1150	<0.5	8	0.93	<0.5	23	104	80	4.98	4.71	1.50
547548	<5	<0.2	8.04	1030	<0.5	4	1.18	<0.5	18	108	23	3.85	3.54	1.69
547549	<5	<0.2	7.15	1080	<0.5	8	4.58	<0.5	10	97	23	3.42	3.24	1.31
547550	<5	<0.2	6.23	130	<0.5	8	1.11	<0.5	6	102	5	1.13	0.55	0.97
547551	<5	<0.2	6.52	760	<0.5	2	3.51	<0.5	8	114	2	3.25	2.43	1.30
547552	<5	<0.2	7.72	880	<0.5	2	2.13	0.5	9	115	11	3.79	3.13	1.47
547584	10	<0.2	7.87	10	<0.5	<2	0.28	<0.5	24	94	306	4.42	0.12	5.35
547585	<5	<0.2	8.26	20	<0.5	<2	0.22	0.5	42	155	6	7.45	0.24	6.96
547586	<5	<0.2	8.55	560	<0.5	<2	0.48	<0.5	13	74	43	3.73	3.10	2.17
547587	<5	<0.2	6.00	10	<0.5	<2	3.40	0.5	6	72	19	4.10	0.07	1.78
547588	<5	<0.2	6.35	10	<0.5	<2	2.53	<0.5	6	91	4	4.28	0.11	1.86
547589	<5	<0.2	5.97	420	<0.5	<2	0.08	<0.5	10	97	22	2.38	1.61	0.59
547590	<5	<0.2	5.47	300	<0.5	<2	0.20	<0.5	10	116	9	2.18	1.23	0.46
547591	<5	<0.2	9.39	1080	1.5	<2	0.08	0.5	7	102	21	2.22	3.79	0.60
547592	<5	<0.2	5.49	380	<0.5	<2	0.21	<0.5	8	132	52	2.04	1.35	0.41
547593	<5	<0.2	6.20	90	<0.5	6	5.60	<0.5	12	79	4	4.06	1.96	3.21
547629	20	<0.2	7.53	1440	0.5	2	4.93	<0.5	12	87	8	3.40	3.95	1.55
547630	35	<0.2	6.98	30	<0.5	10	4.26	0.5	11	68	2047	5.21	0.19	2.11
547631	5	<0.2	7.62	80	<0.5	4	3.28	<0.5	11	73	12	2.77	0.41	2.94
547632	<5	<0.2	6.85	20	<0.5	4	5.00	0.5	8	51	4	2.70	0.21	3.01
547633	<5	<0.2	6.95	90	<0.5	4	0.79	0.5	3	52	8	1.41	1.05	0.80
547634	<5	<0.2	6.78	100	<0.5	4	2.86	<0.5	4	61	7	0.96	0.37	1.55
547635	10	<0.2	7.07	70	<0.5	<2	0.32	0.5	17	84	4	6.36	0.28	4.26
547636	5	<0.2	6.86	30	<0.5	<2	0.70	1.0	6	10	2	5.00	0.47	1.48
547637	15	<0.2	7.25	210	<0.5	<2	2.56	0.5	35	67	543	6.25	0.77	2.89
547638	<5	<0.2	7.74	470	<0.5	<2	0.98	1.0	11	121	1	6.30	2.94	2.61
547639	<5	<0.2	7.47	290	<0.5	4	2.34	0.5	7	76	<1	5.02	2.43	1.96

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: ...CON...ELOP...S LIM...

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

Project : FAIRCHILD LAKE - QUARTET
Comments: CC: MURRAY JONES CC: DAVID CAULFIELD

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	Au ppb	Ag ppm	Al %	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %
547640	<5	<0.2	6.98	270	<0.5	<2	0.95	0.5	3	117	<1	4.57	2.46	0.62
547667	<5	<0.2	0.17	10	<0.5	6	8.30	2.0	5	46	2	18.62	0.03	4.64
547668	<5	<0.2	5.66	40	<0.5	16	5.74	0.5	7	73	6	7.14	0.36	3.11
547669	<5	<0.2	6.68	40	<0.5	8	2.28	<0.5	5	88	2	1.57	0.33	1.40
547670	<5	<0.2	7.01	20	<0.5	10	3.63	0.5	6	81	2	4.51	0.13	2.20
547671	<5	<0.2	7.38	120	<0.5	4	2.75	0.5	29	76	220	7.68	1.08	3.00
547672	<5	2.0	6.64	30	<0.5	10	3.38	0.5	6	86	65	3.07	0.23	1.33
547673	<5	<0.2	6.29	230	<0.5	8	3.07	<0.5	9	97	13	2.80	1.23	1.50
547674	<5	<0.2	7.11	4710	<0.5	8	2.99	<0.5	25	66	103	4.31	0.45	2.02
547675	5	<0.2	7.29	3830	<0.5	4	1.09	<0.5	31	63	483	6.07	0.83	2.54
547676	30	<0.2	6.29	120	<0.5	20	1.14	1.5	50	51	>10000	12.83	0.92	4.59
548030	35	0.2	8.45	290	2.0	<20	0.58	<0.5	51	51	>10000	0.98	1.04	0.29
548161	<5	<0.2	7.30	10	<0.5	2	3.45	0.5	13	71	1	4.08	0.19	2.45
548162	<5	<0.2	6.93	80	<0.5	<2	3.13	0.5	41	53	72	10.18	0.84	3.46
548163	10	<0.2	6.95	40	<0.5	<2	3.45	<0.5	23	132	928	6.25	0.55	2.10
548164	15	<0.2	7.66	180	<0.5	<2	1.45	0.5	52	54	912	10.55	2.41	3.96
548165	205	<0.2	3.72	20	<0.5	<20	8.67	<0.5	134	50	>10000	6.28	0.17	6.16
548166	20	<0.2	6.80	80	<0.5	<2	4.28	0.5	30	55	1374	7.42	1.54	4.90
548336	<5	0.6	7.86	320	<0.5	4	0.19	<0.5	34	89	29	6.39	1.49	1.81
548337	<5	<0.2	7.88	850	<0.5	2	0.72	0.5	20	73	13	8.25	4.73	3.14
548338	<5	<0.2	6.49	1270	<0.5	12	1.68	<0.5	22	97	33	5.97	3.58	1.89
548339	<5	<0.2	9.81	960	1.5	6	0.15	<0.5	16	71	147	2.98	3.36	0.90
548340	5	<0.2	7.25	80	1.0	4	1.31	<0.5	9	61	16	1.24	0.52	0.91
548341	<5	<0.2	4.08	170	<0.5	20	19.47	3.5	8	38	62	1.87	0.94	1.08
548342	5	1.6	3.47	170	<0.5	18	13.67	3.5	48	65	191	9.96	1.06	1.11
548343	5	<0.2	6.16	30	<0.5	8	5.45	<0.5	9	62	2775	3.26	0.22	2.58

CERTIFICATION: Jhai D Ma

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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P/)N DE)PME .IMIT

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	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm	La ppm	U ppm
547539	710	<1	1.57	27	780	<2	136	0.35	55	10	40	40	<10
547540	485	<1	2.63	22	720	<2	20	0.13	30	<10	18	20	<10
547541	545	1	3.27	23	760	<2	45	0.23	56	10	18	150	<10
547542	665	<1	1.68	24	690	<2	62	0.35	42	10	14	50	<10
547543	490	1	1.54	40	680	<2	29	0.29	53	20	20	60	<10
547544	695	<1	1.59	16	670	<2	24	0.18	45	<10	8	80	<10
547545	735	<1	4.90	10	580	<2	15	0.15	36	<10	8	30	<10
547546	1110	<1	1.23	27	700	<2	32	0.36	57	20	32	40	<10
547547	1000	1	0.89	31	720	<2	48	0.39	62	20	40	60	<10
547548	540	1	2.58	31	740	<2	60	0.37	65	10	28	40	<10
547549	1315	1	1.07	21	810	<2	58	0.32	44	10	60	10	<10
547550	630	3	4.77	16	670	<2	32	0.16	30	<10	12	90	<10
547551	1165	<1	1.92	24	860	6	161	0.42	46	10	150	20	<10
547552	630	<1	1.67	28	800	4	114	0.43	60	10	176	40	<10
547584	220	1	3.55	54	720	<2	11	0.18	81	10	18	<10	<10
547585	450	<1	1.31	94	900	<2	4	0.17	231	20	36	<10	<10
547586	240	3	2.23	34	790	<2	39	0.31	71	10	26	30	<10
547587	1040	1	5.03	3	600	<2	18	0.21	61	20	6	40	<10
547588	790	<1	5.43	21	700	<2	15	0.29	58	20	8	40	<10
547589	165	<1	1.14	17	210	<2	44	0.18	31	<10	48	10	<10
547590	325	<1	1.48	9	140	<2	50	0.22	26	<10	32	30	<10
547591	130	<1	0.72	17	270	<2	54	0.35	71	<10	46	40	<10
547592	230	<1	1.55	14	190	<2	65	0.20	25	<10	40	20	<10
547593	2620	<1	2.22	15	790	<2	26	0.19	46	20	6	<10	<10
547629	1075	1	0.98	26	870	<2	76	0.35	57	10	38	<10	<10
547630	1545	6	5.22	16	860	<2	26	0.09	91	20	18	10	<10
547631	1440	1	4.82	17	2550	12	35	0.15	40	10	16	60	200
547632	1715	<1	5.16	7	840	<2	25	0.11	35	10	8	10	<10
547633	740	<1	4.68	11	900	<2	12	0.13	50	<10	6	50	<10
547634	1660	<1	5.36	5	1050	<2	24	0.07	6	<10	4	<10	<10
547635	185	<1	3.22	34	1150	<2	10	0.32	136	20	20	10	10
547636	280	<1	4.96	8	1380	<2	35	0.34	105	10	20	<10	<10
547637	1860	2	3.48	61	430	<2	38	0.45	184	30	34	10	<10
547638	755	<1	2.20	28	750	<2	20	0.23	58	20	18	70	<10
547639	1035	1	3.38	14	770	<2	24	0.22	59	20	14	60	<10

CERTIFICATION: B. Caufield

Chemex Labs Ltd.

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

To: CON LOPI S LIM...

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

Project : FAIRCHILD LAKE - QUARTET
Comments: CC: MURRAY JONES CC: DAVID CAULFIELD

...e Nur... : 4
Total Pages : 4
Certificate Date: 29-SEP-92
Invoice No. :
P.O. Number :
Account :BM

	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm	La ppm	U ppm
547640	1470	<1	4.31	6	640	<2	22	0.24	60	10	8	80	<10
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547668	2380	1	3.91	6	760	<2	36	0.06	65	30	12	<10	<10
547669	1160	<1	5.39	9	880	<2	21	0.12	26	<10	4	30	<10
547670	1000	<1	5.68	13	750	<2	21	0.22	55	10	8	40	<10
547671	850	2	3.69	46	460	<2	75	0.54	249	30	24	30	<10
547672	1685	<1	4.89	5	690	<2	26	0.21	81	10	6	60	<10
547673	1480	<1	2.75	15	690	<2	36	0.20	70	10	6	30	<10
547674	2460	<1	5.20	26	460	<2	171	0.28	115	20	18	<10	<10
547675	1450	5	3.54	61	660	<2	163	0.22	200	20	28	30	40
547676	910	4	0.42	66	400	<2	10	0.55	344	<50	64	20	<10
548030	375	12	5.27	15	600	4	56	0.13	84	100	64	10	20
548161	1105	<1	5.21	23	730	<2	23	0.19	66	10	14	20	10
548162	435	<1	2.99	55	360	<2	87	0.87	365	40	28	20	10
548163	1910	<1	4.17	36	510	<2	41	0.54	249	10	18	<10	20
548164	1400	<1	1.43	102	230	<2	19	0.70	398	40	52	20	10
548165	4475	4	1.60	45	<200	<2	21	0.30	115	100	76	<10	50
548166	2230	<1	1.02	89	430	<2	17	0.75	342	30	46	<10	20
548336	1220	2	1.03	55	470	<2	40	0.25	50	10	108	40	<10
548337	770	1	0.93	44	760	<2	12	0.18	65	20	24	20	10
548338	1055	6	1.56	39	640	<2	53	0.45	163	20	26	30	<10
548339	125	2	0.73	32	620	<2	75	0.22	71	<10	14	100	<10
548340	670	1	4.68	32	1270	<2	48	0.09	27	<10	8	60	<10
548341	2575	<1	1.47	10	1170	46	182	0.16	33	10	1606	<10	80
548342	2935	22	0.48	47	1380	400	154	0.15	30	60	1242	<10	60
548343	3145	1	4.56	5	680	<2	24	0.15	43	20	40	<10	30

CERTIFICATION: Thai D Ma

Chemex Labs Ltd.

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

To: PAMICON DEVELOPMENTS LIMITED

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

Project : FAIRCHILD LAKE - QUARTET
Comments: ATTN: M. JONES CC: D. CAULFIELD

Certificate Date: 03-OCT-92
Invoice No. : I9222307
P.O. Number :
Account : BM

CERTIFICATE OF ANALYSIS A9222307

SAMPLE	PREP CODE	Cu %
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547018	244 --	
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547083	244 --	
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547326	244 --	
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547463	244 --	
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547501	244 --	
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547658	244 --	
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547930	244 --	
547937	244 --	
547938	244 --	
547942	244 --	
547943	244 --	
547947	244 --	

CERTIFICATION: W. Stanimirovic

Chemex Labs Ltd.

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

To: PAMICON DEVELOPMENTS LIMITED *

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

Project : FAIRCHILD LAKE - QUARTET
Comments: ATTN: M. JONES CC: D. CAULFIELD

Page Number :2
Total Pages :3
Certificate Date: 03-OCT-92
Invoice No. : I9222307
P.O. Number :
Account :BM

CERTIFICATE OF ANALYSIS A9222307

SAMPLE	PREP CODE	Cu %									
547950	244 --										
547951	244 --										
547952	244 --										
547954	244 --										
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548047	244 --										
548049	244 --										
548050	244 --										
548051	244 --										
548074	244 --										
548101	244 --										

CERTIFICATION: W. Stankiewicz

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711 - 675 W. HASTINGS ST.
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Project : FAIRCHILD LAKE - QUARTET
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Certificate Date: 03-OCT-92
Invoice No. : I9222307
P.O. Number :
Account : BM

CERTIFICATE OF ANALYSIS A9222307

SAMPLE	PREP CODE	Cu %									
548102	244 --										
548106	244 --										
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548313	244 --										
548344	244 --										
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548418	244 --										
548477	244 --										
548497	244 --										
548186	244 --										
548188	244 --										

CERTIFICATION: W. Glen Bamber

APPENDIX VII

GEOLOGIST'S CERTIFICATE

GEOLOGIST'S CERTIFICATE

I, MICHAEL A. STAMMERS, of 941 Kennedy Avenue, North Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

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

2. I have practiced in my profession with various mining companies in Yukon, British Columbia and the Northwest Territories for 19 years.

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

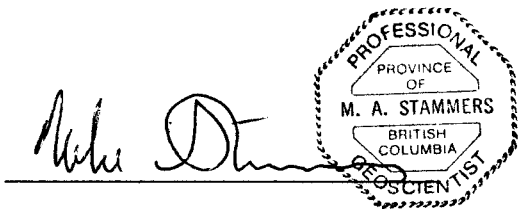
4. I am a Fellow of the Geological Association of Canada.

5. This report is based on property work I completed and directly supervised on August 27 and 31, 1992 combined with three years experience in the Wernecke terrain.

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

7. THAT I hereby grant permission to Westmin Resources Limited for the use of this report in any prospectus or other documentation required by any regulatory authority.

DATED at Vancouver, B.C., this 10 day of DECEMBER, 1992.



Michael A. Stammers, Geologist, P.Geo., FGAC