MAP NO.: 106E 1

ASSESSMENT REPORT
PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 093114
MINING DISTRICT: MAYO
TYPE OF WORK: GEOCHEMICAL

REPORT FILED UNDER: PAMICON DEVELOPMENTS LTD

DATE PERFORMED: AUG 28, 29; SEPT 4, 7, 1992 **DATE FILED:** JUNE 11, 1993

LOCATION: **LAT.:** 65°05'N **AREA:** FAIRCHILD LAKE

LONG.: 134°14'W **VALUE $:** 3,600

CLAIM NAME & NO.:
HOOVER 1-8 (YB28692-YB28690)

WORK DONE BY: MICHAEL A STAMMERS

WORK DONE FOR: WESTMIN RESOURCES LTD.

DATE TO GOOD STANDING:

REMARKS: WERNECKE BRECCIAS BEING EVALUATED FOR OLYMPIC DAM TYPE CU U, AU, AG MINERALIZATION.

[redacted]

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 2 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: Hoover 1-8 — Claim sheet no.: 106-E-1
  - Type of report: Geochemical
  - Submitted by: Pamicon Developments Ltd / Michael A. Stammers
  - Cls. work performed on:
  - $ req. for ren. application: 3600.00

Please return one numbered copy and index for our files

Graham
Signature

Date returned

REPLY ACTION

Signature

802-6027-26 (6-86)

1992 GEOCHEMICAL REPORT
ON THE
HOOVER 1-8 MINERAL CLAIMS

Mayo Mining District
Yukon Territory
NTS 106E/1
65°05' North Latitude
134°15' West Longitude

- Prepared for -
WESTMIN RESOURCES LTD.

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

DATES WORK PERFORMED: August 28, 29 and September 4, 7, 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 work in the amount of $ 3,600.

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

1992 GEOCHEMICAL REPORT ON THE HOOVER 1-8 MINERAL CLAIMS

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1.0 INTRODUCTION

The Hoover 1-8 claims are located in the Wernecke Mountains, approximately 185 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 Hoover property was acquired on this basis.

Lithogeochemical sampling, limited chip sampling, prospecting and geological mapping work was carried out over the Hoover property on August 28, 29 and September 4 and 7, 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 Hoover property comprises 8 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. Following the 1992 work program, an additional 106 Hoover claims have been staked and the nearby Tag claims purchased, abandoned and restaked.

WESTMIN RESOURCES LIMITED

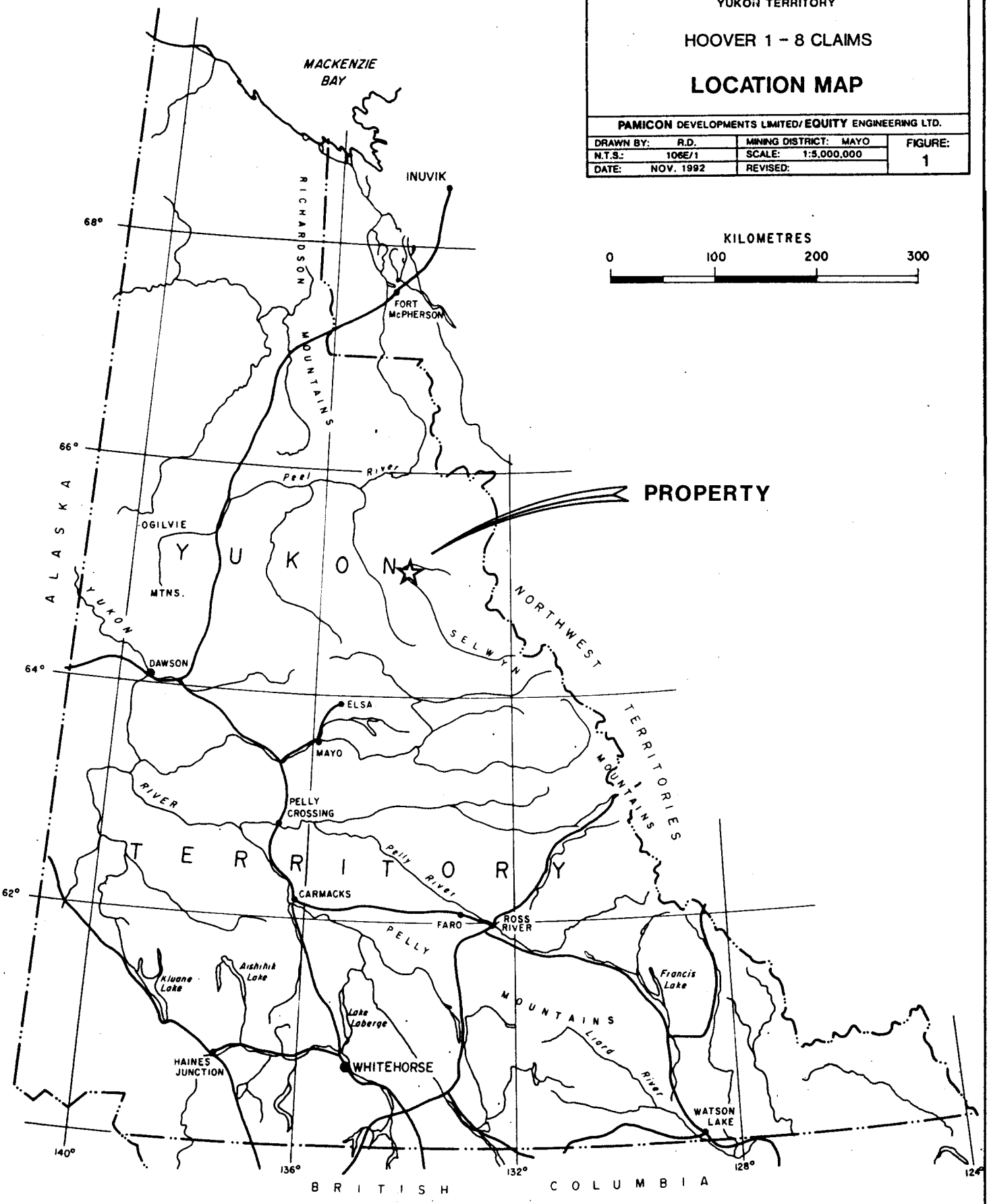
FAIRCHILD LAKE PROJECT
YUKON TERRITORY

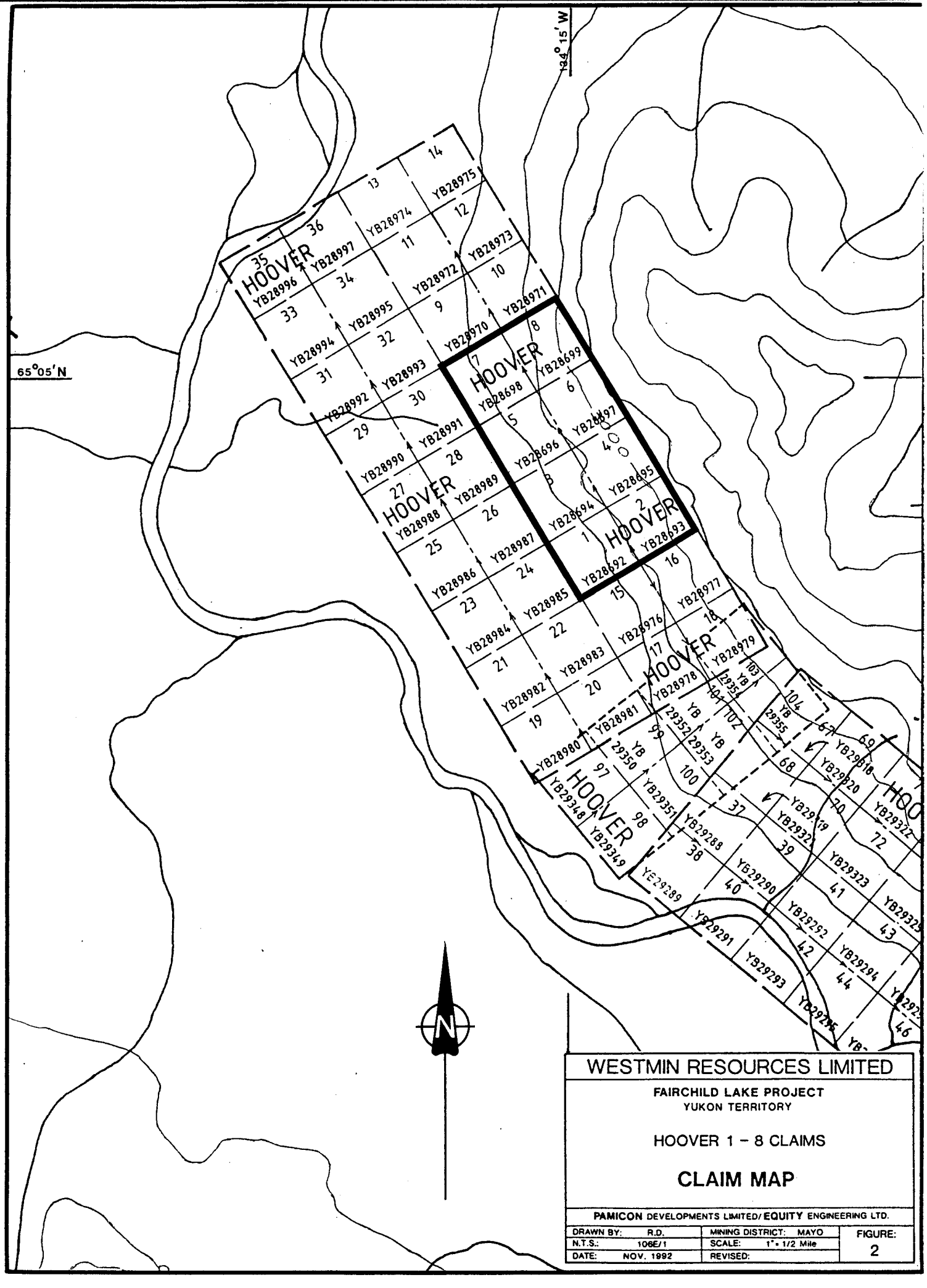
HOOVER 1 - 8 CLAIMS

LOCATION MAP

PAMICON DEVELOPMENTS LIMITED/ EQUITY ENGINEERING LTD.

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





WESTMIN RESOURCES LIMITED

FAIRCHILD LAKE PROJECT
YUKON TERRITORY

HOOVER 1 – 8 CLAIMS

CLAIM MAP

PAMICON DEVELOPMENTS LIMITED/ EQUITY ENGINEERING LTD.

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

Claim Data

Claim Name	Record Numbers	Record Date	Expiry Date*
Hoover 1-8	YB28692-YB28698	July 6, 1992	December 31, 1997

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

3.0 LOCATION, ACCESS AND PHYSIOGRAPHY

The Hoover property is located in the Wernecke Mountains of east central Yukon, approximately 185 kilometres north-northeast of Mayo (Figure 1). The claim group is located 24 kilometres west-northwest of Fairchild Lake and 9 kilometres southeast of Quartet Lakes on a south facing slope of the Bonnet Plume River valley. Coordinates are 65°05' north latitude and 134°15' west longitude.

The project area is accessible from Mayo by float plane to Fairchild Lake or Quartet Lakes and by wheeled aircraft to the 800 metre long, gravel airstrip at Bear River. Other airstrips in the area including the nearby Bonnet Plume strip 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 Hoover property lies 21.0 kilometres north-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 (Hoover) 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 Hoover property range from 560 to 1050 metres above sea level and relief is moderate to locally steep. The western claims area lies in the Bonnet Plume River floodplain and is essentially flat. Most of the property lies below tree line and vegetation consists of black spruce with minor pine, poplar and cottonwood. Low bush vegetation thrives on this sunny south facing slope and includes blueberry, raspberry, wild rose, arctic sage, dwarf alder and willow.

Climate in the area is characterized by six months of cold winter and three to four months of warm to hot summer with May through early October the best months for exploration. The average daily January and July temperatures for Mayo are -29°C and 15.2°C with annual precipitation of 306.3 mm of which 40% is snow.

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 Hoover property area was probably first staked in 1910 as the Irene (12046) claim and was staked again in 1969 by G. Van Bibber and optioned by Bonnet Plume River Mines Ltd., which carried out geological mapping, prospecting, and diamond drilling (8 holes/1824 ft). Reference to this work may be found in Yukon assessment reports 60187 and 61618. Underground track mining equipment and fuel were mobilized by winter road to the property and a portal site and airstrip were prepared. It is uncertain as to why the project was terminated and much of the equipment abandoned on site. The property was restaked in 1973 by Van Bibber, who performed minor trenching from 1974 to 1976. The area was overstaked by the Wernecke Joint Venture in 1975 (Chalco claims) and finally restaked in 1978 as the Tag claims by Van Bibber who kept the claims in good standing through payment-in-lieu. Refer to figure 2 for claim location.

5.0 1992 EXPLORATION PROGRAM

On August 28, 29 and September 4 and 7, 1992, Westmin Resources Ltd. carried out a preliminary exploration program on the Hoover property, consisting of lithogeochemical sampling, chip 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 55 lithogeochemical, 28 grab samples and 9 chip samples was taken. In addition, 10 grab samples (19931-35 and 19943-47) taken during claim staking were analyzed in November.

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 and procedures are found in the appendices. Rock samples were analyzed geochemically for gold, lanthanum, uranium and 24-element ICP. Samples exceeding 10,000 ppm copper and 10,000 ppb Au 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 and adjoining stratigraphy 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.

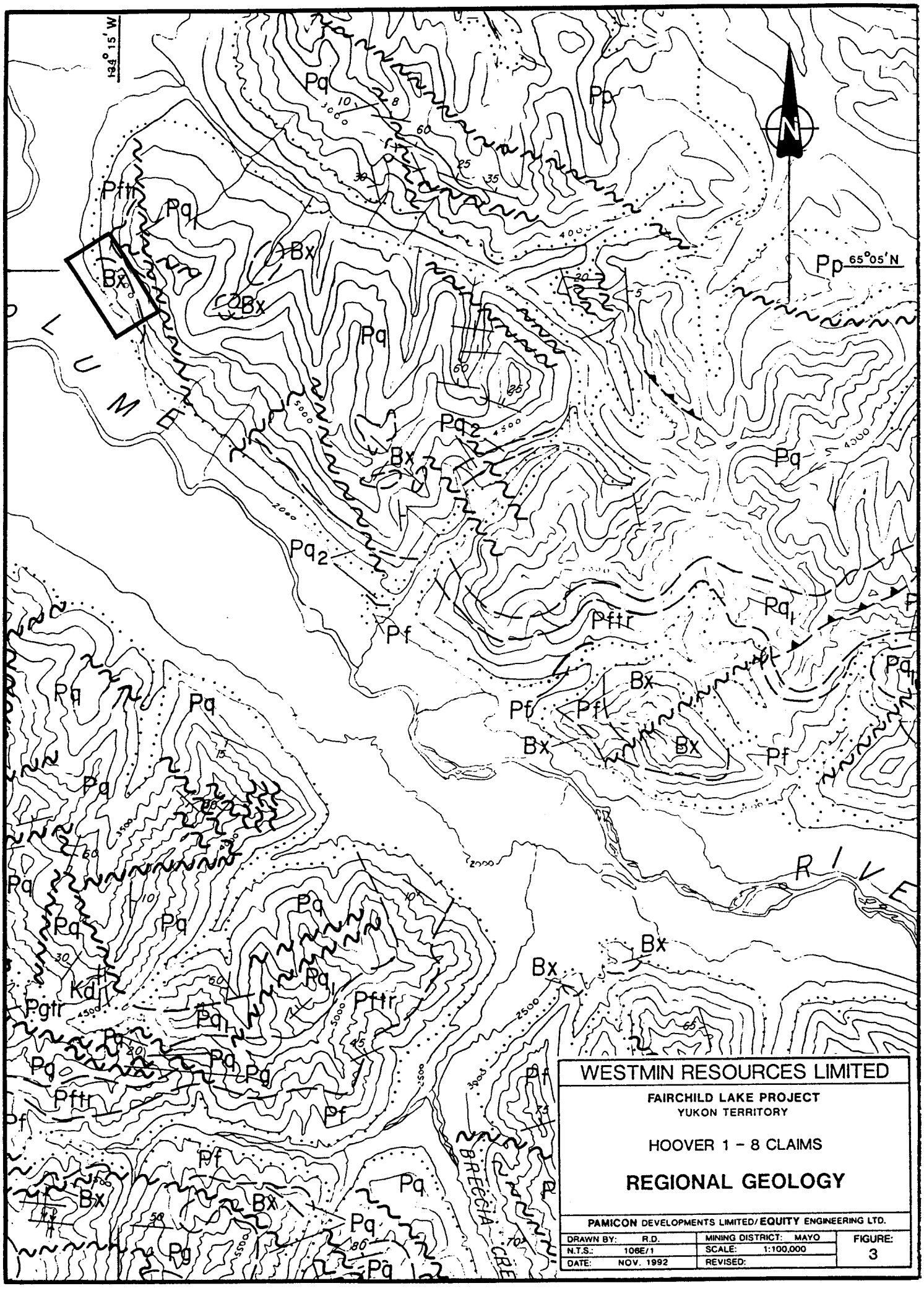
The Wernecke Mountains are cored by at least 14,000 metres of generally fine-grained terrigenous and carbonate rocks of Helikian age that have been penetrated by hematite breccias and cut by mafic sills and dykes. The entire succession has been named the Wernecke Supergroup and has been divided into 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 Hoover claim group is underlain by a metamorphosed and folded sequence of Proterozoic Wernecke Supergroup strata cut by hematite breccia and minor gabbroic intrusive rocks. Stratigraphy strikes generally northwest with moderate northeast dips.



WESTMIN RESOURCES LIMITED

FAIRCHILD LAKE PROJECT
YUKON TERRITORY

HOOVER 1 - 8 CLAIMS

REGIONAL GEOLOGY

PAMICON DEVELOPMENTS LIMITED/EQUITY ENGINEERING LTD.

DRAWN BY: R.D.	MINING DISTRICT: MAYO	FIGURE: 3
N.T.S.: 106E/1	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

℗ 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.

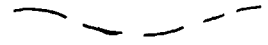
Pq_1 Black shale with sandstone and shale interbeds, quartzite.

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.

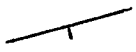
SYMBOLS



Geological contact (defined, approximate, assumed)

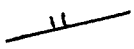
Thrust fault (defined, approximate)

Fault (defined, assumed)



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

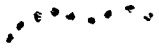
Bedding overturned



Bedding tops unknown

Anticlinal axis (arrow indicates plunge)

Synclinal axis (arrow indicates plunge)



Limits of unconsolidated glacial and alluvial deposits

134° 15' W

65° 05' N

N

APPROXIMATE AREA OF HOOVER COPPER ZONE

metres
0 100 200 300

LITHOGEOCHEMICAL SAMPLE RESULTS					
Sample Number	Copper (ppm/%)	Gold (ppb)	Sample Number	Copper (ppm/%)	Gold (ppb)
547417	17	5	547661	1498	10
547418	3	<5	547662	47	<5
547419	2	10	547663	22	<5
547420	37	10	547843	1040	25
547421	345	<5	547860	6310	135
547422	451	<5	547861	1.32%	1270
547553	38	<5	547862	4497	95
547554	22	<5	547963	18	10
547555	53	<5	548031	3.03%	180
547556	26	<5	548032	2.37%	160
547557	5	<5	548033	2470	75
547558	19	<5	548034	2.24%	20.2 g/T
547559	6	<5	548035	1.68%	15
547560	6	<5	548036	1.74%	115
547561	8	<5	548037	3.13%	545
547562	62	<5	548038	1.78%	785
547563	<1	5	548039	271	10
547564	3696	20	548040	7446	70
547565	77	<5	548041	2.60%	145
547566	475	<5	548042	2.14%	25
547567	110	<5	548043	1.50%	405
547568	144	<5	548044	2.79%	140
547569	211	<5	548045	26.2%	925
547570	189	<5	548046	8.02%	455
547571	8183	15	548047	28.2%	1860
547641	2281	60	548048	8355	130
547642	429	15	548049	1.84%	360
547643	15	<5	548050	11.70%	615
547644	4	<5	548344	1.66%	160
547645	<1	<5	548345	6.51%	950
547646	1	<5	548346	3437	45
547647	2	<5	548347	632	<5
547648	4	<5	548348	299	<5
547649	12	<5	548349	603	10
547650	8	<5	548350	2.49%	525
547651	3.42%	25	548351	5.63%	1010
547652	4.31%	150	548352	1.79%	585
547653	372	<5	548353	670	<5
547654	1600	<5	548354	92	<5
547655	1.06%	25	548355	24	<5
547656	3127	310	548356	26	<5
547657	197	30	548357	12	5
547658	3.46%	120	548358	15	10
547659	110	<5	548359	9	<5
547660	1810	<5	548360	22	<5
			548361	316	<5
			548362	5	10
19931*	8268	95	19943*	4438	915
19932*	5568	45	19944*	7713	365
19933*	16.40%	375	19945*	7996	1800
19934*	4719	60	19946*	3.84%	70
19935*	1.01%	70	19947*	20.50%	960

*June 1992 Samples

LEGEND

LITHOLOGIES

PROTEROZOIC

Gb GABBRO

Bx HEMATITE BRECCIA: Heterolithic and homolithic breccia and metasomatite

WERNECKE SUPERGROUP

Pf FAIRCHILD LAKE GROUP: Calcareous siltstone, limestone; minor dolomite, slate and phyllite

Pftr pyritic black phyllite with limestone marker unit

SYMBOLS

- Geological contact (approximate)
- Bedding
- Schistosity
- ▲ △ Lithogeochemical sample (in situ, float)
- ■ □ Select, grab sample (in situ, float)
- × Chip sample (tag number - interval)
- Cat trail

Note: Only last four digits in sample number shown, excepting 19000 series (eg. 7417 = 547417)

.093114

PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
M. A. HAMMERS

WESTMIN RESOURCES LIMITED

FAIRCHILD LAKE PROJECT
YUKON TERRITORY

HOOVER 1 - 8 CLAIMS

ROCK GEOCHEMISTRY

PAMICON DEVELOPMENTS LIMITED/EQUITY ENGINEERING LTD.

DRAWN BY: R.D.	MINING DISTRICT: MAYO	FIGURE: 4
N.T.S.: 106E/1	SCALE: 1:5,000	
DATE: NOV. 1992	REVISED:	

Helikian-age Wernecke sediments on the property include Fairchild Lake Group carbonates, siltstones and phyllite, while Quartet Group dark grey weathering shale, siltstone, and sandstone outcrop upslope just east of the claim boundary. Two or three, linear trending hematite breccia bodies outcrop along the entire length of the claims. Their distribution in the southern half of the property is poorly understood. Narrow dykes of probable gabbro composition were mapped at several localities in the central claims area. Significant copper mineralization with minor associated gold is found along a linear trend over the length of the entire property and occurs mainly as chalcopyrite in hematite breccias, carbonate replacement zones and in quartz and/or carbonate veins in shatter or shear zones.

Fairchild Lake Group rocks underlie the Hoover 1-8 claims and consist of light grey to green weathering, medium to thick bedded to massive calcareous siltstone, dolomite, limestone, chlorite-sericite phyllite and minor fine sandstone. The unit is locally bleached, silicified, skarnified or hornfelsed. The Fairchild Lake Group Transitional Zone outcrops upslope in the eastern claims and comprises distinctive black pyritic shale and a massive white weathering limestone bed 10 m thick. This sub unit is an excellent stratigraphic marker bed and is transitional to Quartet Group rocks.

Long linear bodies of mainly heterolithic hematite breccia are well exposed in the north half of the claims and trend roughly parallel (150°) to bedding. The breccia unit appears narrower in the southern claims where mapping is incomplete. The breccia locally contains very high concentrations of specular hematite, both in the matrix and as clasts. Magnetite, pyrite, chalcopyrite and brannerite are also present in minor or trace amounts. Metasomatism of contact sediments is common in some areas. Alteration minerals include chlorite, sericite, silica, albite, hematite, clay and carbonate.

Gabbro dykes, less than 10 m wide were observed at four localities along a lithogeochem sample line. This unit is typically medium grey-green weathering and is variably altered to chlorite and epidote.

Copper mineralization comprising chalcopyrite, malachite, azurite and rare bornite was identified within a broad linear belt, approximately 200 m wide, over the entire length of the property (1800 m). Further exploration is required to determine the continuity, distribution and grade of showings within this broadly defined belt. A total of 28 grab samples and 9 chip samples were collected from the Hoover claims in August and September. In addition, 10 grab samples (19931-35 and 19943-47) taken during June claim staking were analyzed in November.

Average results returned from the 21 prospector samples are 4.90% Cu and 1296 ppb Au (351 ppb Au when excluding 20.2 g/t value) and 3.36% Cu and 316 ppb Au from 17 geologists grab samples. Chip sample results taken across chalcopyrite bearing mineralized zones yielded significant results and are presented in the table below:

Tag Number	Interval (m)	Cu (ppm/%)	Au (ppb)	Rock Type
547860	1.3	6310	135	metaseds/breccia
547861	5.0	1.32%	1270	metaseds/breccia
547862	6.0	4497	95	metaseds/breccia
547860-62	12.3	8226	526	metaseds/breccia
547571	3.0	8183	15	quartz vein/seds
547655	1.0	1.06%	25	breccia/limestone
548344	1.55	1.66%	160	CO_3 vein/seds
548345	1.45	6.51%	950	CO_3 vein/seds
548344-45	3.0	4.00%	542	CO_3 vein/seds
548350	1.5	2.49%	525	quartz vein/seds
548351	1.5	5.63%	1010	quartz vein/seds

Copper mineralization is generally fracture control related and is commonly associated with carbonate and quartz/silica veins or flooded areas. Discontinuous lenses or pods of massive chalcopyrite up to 20 cm wide are present at many of the showings and present a challenge re negative or positive bias when sampling. Gold appears to be an important associated mineral on the Hoover

property with nine values greater than 900 ppb and this includes one very significant value of 20.2 g/tonne. It is interesting to note that the high gold value is not from a high grade copper sample (2.24% Cu), but is associated with magnetite bearing altered metasediments, four metres from the hematite breccia contact.

Mineralization also includes abundant specular hematite, minor magnetite, and pyrite in the hematite breccia and nearby sediments. Other elements reporting high values but without associated visual mineralization include molybdenum to 937 ppm, tungsten to 800 ppm, zinc to 916 ppm, lanthanum to 760 ppm, cobalt to 315 ppm, silver to 4.4 ppm and bismuth to 642 ppm.

8.0 ROCK GEOCHEMISTRY (Figure 4)

A total of 55 lithogeochemical samples was collected from the Hoover claims in August and September. 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 are very high when compared to other properties sampled in the region by a factor of ten to twenty times greater (eg. Ram, Arctos, Cleveland or Quartet claims). The variance according to host rock type is not as relevant and a litho breakdown includes 18 breccia and 37 metasediment samples. Respective average values for each group are 337 and 876 ppm Cu.

Cobalt results vary between <1 to 62 ppm and gold values range from <5 (40 of 55 samples) to 585 ppb. All results are reported in the appendices.

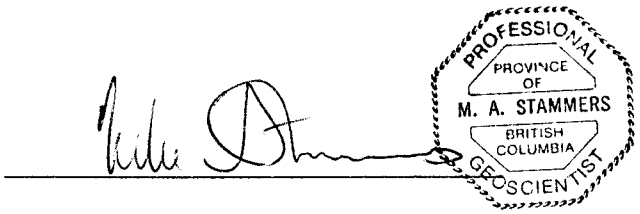
9.0 CONCLUSIONS AND RECOMMENDATIONS

The Hoover 1-8 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. Results of the limited 1992 exploration program were very encouraging and resulted in an expansion of the group to 114 claims to link up with the Slab Mountain property to the south-east. Copper mineralization, generally related to structural zones and spatially to hematite breccia occur within a open ended, 1800 m long by 200 m wide belt of rocks. Initial controlled chip sampling indicates copper values ranging from 0.82% Cu over 12.3 m to 4.0% Cu over 3.0 m are present. Gold values from the same samples are in the order of 300-400 ppb Au while a prospector grab sample showed greater potential yielding a value of 20.2 g/t Au and 2.24% Cu.

Additional work on the property is required and retention of the entire Hoover 1-8 mineral claims is recommended. An aggressive exploration program comprising airborne geophysics, orthophoto preparation, grid emplacement, detailed mapping, soil sampling, and ground geophysics leading to diamond drilling is strongly advised.

Respectfully submitted,



Michael A. Stammers, P.Geo.

APPENDIX I

BIBLIOGRAPHY

BIBLIOGRAPHY

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Pamicon Developments Ltd (1977) Unpublished Company Report

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

HOOVER 1-8 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	3.5 days
H. Meade 904, 1055 Dunsmuir Street Vancouver, B.C. V7X 1C4	Senior Geologist	3 days
E. Debock 711, 675 West Hastings Street Vancouver, B.C. V6B 1N4	Senior Prospector	5 days
D. Caulfield 207, 675 West Hastings Street Vancouver, B.C. V6B 1N2	Senior Geologist	.625 days
B. Kasper 207, 675 West Hastings Street Vancouver, B.C. V6B 1N2	Field Geologist	3.5 days
K. Parsons c/o TNTA Carmacks, Yukon	Cook	2.5 days

APPENDIX III

COST STATEMENT

CANADA) In the matter of an evaluation program on the Hoover 1-8 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, chip sampling prospecting and geological mapping was carried out on the Hoover 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) - 3.5 days @ $225.00 904, 1055 Dunsmuir Street Vancouver, B.C. V7X 1C4	787.50	
H. Meade (Sr. Geologist) - 3 days @ $300.00 904, 1055 Dunsmuir Street Vancouver, B.C. V7X 1C4	900.00	
E. Debock (Sr. Prospector) - 5 days @ $250.00 711, 675 West Hastings Street Vancouver, B.C. V6B 1N4	1,250.00	
D. Caulfield (Sr. Geologist) - .625 days @ $375.00 207, 675 West Hastings Street Vancouver, B.C. V6B 1N2	234.38	
B. Kasper (Field Geologist) - 3.5 days @ $300.00 207, 675 West Hastings Street Vancouver, B.C. V6B 1N2	1,050.00	
K. Parsons (Cook) - 2.5 days @ $250.00 c/o TNTA Carmacks, Yukon	625.00	
		$ 6,721.88

HELICOPTER

Flight Time - 5.9 hours @ $600.00	$ 3,540.00	
Fuel	859.82	
		4,399.82

ASSAYS

102 rock samples @ $14.95	$ 1,524.90	
30 Cu assays @ $5.81	174.30	
1 Au assay @ $9.50	9.50	
		1,708.70

GENERAL EXPENSES

Travel, Accommodation and Meals	$ 480.87	
Airfares	372.00	
Camp Food	474.33	
Camp Fuel	30.85	
Camp Rental	717.00	
Radio Rental	100.20	
Field Equipment Rental	58.80	
Equipment Fuel	17.28	
Truck Rental	252.07	
Field Equipment and Supplies	497.79	
Maps and Reproductions	93.39	
Expediting	124.75	
Telephone and Communications	86.08	
Fixed Wing	2,448.00	
Freight	100.40	
Legal Fees (notarizing claims forms)	7.63	
Clerical (UTM's, etc.)	275.40	
Report	1,583.72	
Management Fee	2,603.55	
		10,323.75
		23,154.15
GST		1,620.79
TOTAL THIS PROJECT		$24,774.94

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 12% of the total budget.

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

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 : HOOVER NTS : 106E/1 Date : 12/05/92

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7216 750 N 536 850 E	Float Strike Length Exp. : m	:	1%CP						
19931	Elevation: 700 m	Sample Width : m	Oxides	: wMC	95	40.	8268.	60	90	<10.
	Orientation: /	True Width : m	Host	: Siltstone						

Comments : Hoover 1 claim. Light grey banded siltstone with medium grained, patchy chalcopyrite; also found 250g piece massive chalcopyrite float in area, not included in this sample.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7216 800 N 536 900 E	Select Strike Length Exp. : m	:	1%CP						
19932	Elevation: 715 m	Sample Width : 30 cm	Oxides	: wMC	45	14.	5568.	30	70	<10.
	Orientation: /	True Width : 100+ cm	Host	: siltstone						

Comments : Hoover 1 claim. Similar sample to 19931; chalcopyrite occurs as fine to medium grained stringers and dissemination, as local, discontinuous accumulations.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7216 900 N 535 750 E	Select Strike Length Exp. : m	: wQZ Sulphides	: <1%BO, >50%CP						
19933	Elevation: 725 m	Sample Width : 10 cm	Oxides	: wHE, vsMC/AZ	375	39.	16.40	<10	<10	<10.
	Orientation: /	True Width : 10 m	Host	: Siltstone						

Comments : Hoover 1 claim. 10m x 20m area exposing mineralized outcrop and talus (possible old hand trench); <1% to >50% chalcopyrite stringers, disseminations and massive lenses + minor bornite and argentite (??); shear zone?

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7216 900 N 535 750 E	Float Strike Length Exp. : m	: QZ Sulphides	: 1%CP						
19934	Elevation: 725 m	Sample Width : m	Oxides	: wFe-oxides	60	24.	4719.	<10	290	<10.
	Orientation: /	True Width : m	Host	: Siltstone?						

Comments : Hoover 1 claim. Brecciated siltstone with quartz infilling and 1% fine grained chalcopyrite and 1% argentite (??).

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7217 550 N 535 400 E	Select Strike Length Exp. : m	:							
19935	Elevation: 810 m	Sample Width : 30 cm	Oxides	: vs AZ/MC	70	49.	1.01	<10	230	<10.
	Orientation: /	True Width : 10 m	Host	: Heterolithic breccia						

Comments : Hoover 5 claim. 10m area displaying copper secondaries with 1-10% magnetite disseminations and blebs; no distinct sulphides noted.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7217 650 N 535 600 E	Select Strike Length Exp. : m	: SI Sulphides	: <3%CP						
19943	Elevation: 2650 ft	Sample Width : m	Oxides	: AZ, GE, MC	915	55.	4438.	220	40	<10.
	Orientation: /	True Width : m	Host	: Heterolithic breccia.						

Comments : Hoover 6 claim. Vertical copper-rich zone striking 110 degrees. CP occurs as fracture stringers or is disseminated throughout. Strong limonite staining. Fresh rock appears silicified with cross-cutting fractures. Sample labelled as ST-I-92-006.

Sample No.						Au	Co	Cu	La	U	W
	Location :	7217 750 N	Type : Select	Alteration :	SI	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		535 650 E	Strike Length Exp. : m	Sulphides :	<2%CP						
19944	Elevation:	2575 ft	Sample Width : m	Oxides :	GE	365	58.	7713.	<10	80	<10.
	Orientation:	/	True Width : m	Host :	Heterolithic breccia.						

Comments : Hoover 6 claim. Sample taken of a dark brown limonitic breccia. Breccia is silicified with narrow fracture stringers. Labelled as ST-I-92-008.

Sample No.						Au	Co	Cu	La	U	W
	Location :	7217 750 N	Type : Select	Alteration :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		535 500 E	Strike Length Exp. : m	Sulphides :	<3%CP						
19945	Elevation:	2550 ft	Sample Width : m	Oxides :	GE, MC	1800	23.	7996.	40	40	<10.
	Orientation:	/	True Width : m	Host :	Heterolithic breccia.						

Comments : Hoover 6 claim. Probable same copper zone as sample ST-I-92-008. Mineralization appears to get stronger locally (ie. 2'x4' patch of malachite staining, 2-5% chalcopyrite). Area is strongly limonitic. Sample labelled as ST-I-92-009.

Sample No.						Au	Co	Cu	La	U	W
	Location :	7217 750 N	Type : Select	Alteration :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		535 500 E	Strike Length Exp. : m	Sulphides :	<4%CP						
19946	Elevation:	2490 ft	Sample Width : m	Oxides :	AZ, GE, MC	700	106.	3.84	<10	300	30.
	Orientation:	/	True Width : m	Host :	Heterolithic breccia.						

Comments : Hoover 6 claim. Same zone from which sample 19935 was taken. Mineralization is much more pronounced and widespread. Very strong MC and AZ staining. CP occurs as blebs and fracture stringers. Strongly limonitic. Sample labelled as ST-I-92-010.

Sample No.						Au	Co	Cu	La	U	W
	Location :	7217 700 N	Type : Select	Alteration :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		534 950 E	Strike Length Exp. : m	Sulphides :	CP						
19947	Elevation:	2050 ft	Sample Width : m	Oxides :	GE, MC	960	74.	20.5	280	220	<10.
	Orientation:	/	True Width : m	Host :	Brecciated sedimentary rocks.						

Comments : Hoover 5 & 7 claims. Probably main Irene CP zone? CP occurs as disseminations, blebs and stringers. Stringers containing massive CP up to 15 cm in width are present but the average stringer width is approximately 1 cm. Sample labelled as ST-I-92-011.

Sample No.						Au	Co	Cu	La	U	W
	Location :	7217 320 N	Type : Chip	Alteration :	CL	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		535 620 E	Strike Length Exp. : m	Sulphides :	trPY						
547417	Elevation:	855 m	Sample Width : m	Oxides :	None	5.	20.	17.	40.	<10	10.
	Orientation:	150 / 65 NE	True Width : 5 m	Host :	Recrystallized hanging wall mataphyllite						

Comments : Medium chloritic schistose metasediments. Non-magnetic, no malachite.

Sample No.						Au	Co	Cu	La	U	W
	Location :	7217 320 N	Type : Chip	Alteration :	CB, CL, SI	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
		535 620 E	Strike Length Exp. : m	Sulphides :	1/2%PY, 5%HS						
547418	Elevation:	850 m	Sample Width : m	Oxides :	None	<5	30.	3.	0.	<10	20.
	Orientation:	/	True Width : 7 m	Host :	Polymictic breccia with occ specular hematite clasts to 8cm						

Comments : No malachite; non-magnetic.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7217 320 N	Chip	CB, CL, QZ, SI	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 620 E	Strike Length Exp. : m	Sulphides : trPY, 3-8%HS						
547419	Elevation: 850 m	Sample Width : m	Oxides : None	10.	19.	2.	0.	<10	20.
	Orientation: /	True Width : 10 m	Host : Silicified breccia - dark grey green with clasts						

Comments : Similar to 547418. Local carbonate-rich vein area 1m wide. Tied into Murray Jones' sample 547563. Wrapping around end of spine.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7217 320 N	Grab/chip	CL, QZ	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 600 E	Strike Length Exp. : m	Sulphides : wHS						
547420	Elevation: 840 m	Sample Width : m	Oxides : None	10.	10.	37.	130.	<10	0.
	Orientation: 150 / 35 NE	True Width : 10 m	Host : Metasediments						

Comments : Variably bleached and recrystallized; more chloritic beds alternating with more quartzose bedding. Very silicified at upper contact with breccia and bedding rotated/distorted.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7217 155 N	Chip	CL, QZ	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 750 E	Strike Length Exp. : m	Sulphides : 1%CP, MG, trPY, HS?						
547421	Elevation: 840 m	Sample Width : m	Oxides : None	<5	28.	345.	40.	<10	10.
	Orientation: 160 / 40 NW	True Width : 2 m	Host : Banded chloritic metasediments with malachite staining						

Comments : Ferrous silicate (chlorite, chloritoid?) rich beds with very fine-grained disseminated chalcopyrite and malachite staining; local brownish bands of biotite? in chlorite-rich beds.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7217 160 N	Grab	CL, QZ	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 775 E	Strike Length Exp. : m	Sulphides : 1/2%CP, MG						
547422	Elevation: 882 m	Sample Width : m	Oxides : MC	<5	25.	451.	40.	<10	10.
	Orientation: 120 / 30 NE	True Width : 2 m	Host : Chloritic quartzose metasediment with malachite on fractures						

Comments : Occasional coarse bleb chalcopyrite on silica planes in chlorite-rich metasediments. Flat to gentle east dip.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7217 580 N	Grab	CL, local albitization?	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 430 E	Strike Length Exp. : m	Sulphides : None						
547553	Elevation: 850 m	Sample Width : 2x2 m	Oxides : MC in outcrop	<5	16.	38.	40.	<10	10.
	Orientation: 082 / 25 N	True Width : m	Host : Finely bedded sediments						

Comments : Deformed, well-bedded sediments, siltstones? Chloritic now - strongly foliated. Just above breccia contact.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7217 600 N	Grab	CA, CL	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 510 E	Strike Length Exp. : m	Sulphides : None						
547554	Elevation: 900 m	Sample Width : 2x2 m	Oxides : GE	<5	9.	22.	0.	<10	0.
	Orientation: /	True Width : m	Host : Fissile sediments, grey to green - locally limey						

Comments : Phyllitic sediments.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 645 N	Grab		CA, QZ, AB?						
	535 550 E	Strike Length Exp. : >100 m	Sulphides :	trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547555	Elevation: 930 m	Sample Width : 2x2 m	Oxides :	GE, JA	<5	11.	53.	0.	<10	0.
	Orientation: 140 / 47 NE	True Width : m	Host :	Carbonate/argillite sediments - fissile, locally silicified						

Comments : Altered bed? in sedimentary sections in contact with 5m thick limey section (dark brown weathering). Strange orange lichen on altered bed only.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 700 N	Grab		CL?						
	535 620 E	Strike Length Exp. : m	Sulphides :	trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547556	Elevation: 965 m	Sample Width : 2x2 m	Oxides :	None	<5	22.	26.	0.	<10	0.
	Orientation: /	True Width : m	Host :	Black phyllite - locally quartz veining						

Comments : Graphitic argillites below limestone, bedding is contorted; quartz veins/lenses are shattered.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 695 N	Grab		CL						
	535 450 E	Strike Length Exp. : 10 m	Sulphides :	trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547557	Elevation: 890 m	Sample Width : 2x2 m	Oxides :	GE	<5	7.	5.	0.	<10	0.
	Orientation: 120 / 25 NE	True Width : m	Host :	Finely-bedded siltstone?						

Comments : Minor quartz carbonate veinlets.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 780 N	Grab		CL, MS?, HE						
	535 400 E	Strike Length Exp. : 200 m	Sulphides :	trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547558	Elevation: 860 m	Sample Width : 5x5 m	Oxides :	None	<5	7.	19.	0.	<10	0.
	Orientation: /	True Width : m	Host :	Phyllite - locally gossanous						

Comments : As previous sample.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 870 N	Float		QZ, AB?						
	535 350 E	Strike Length Exp. : m	Sulphides :	trCP, 2-3%MG, 1-2%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547559	Elevation: 840 m	Sample Width : m	Oxides :	GE	<5	29.	6.	0.	<10	20.
	Orientation: /	True Width : m	Host :	Sediment - quite altered						

Comments : Float in vegetated area - angular magnetite as lenses, blebs in fractures. Pyrite as disseminated blebs.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 990 N	Float		None						
	535 270 E	Strike Length Exp. : m	Sulphides :	None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547560	Elevation: 795 m	Sample Width : m	Oxides :	GE	<5	8.	6.	20.	<10	10.
	Orientation: /	True Width : m	Host :	Dark grey phyllite						

Comments : Locally, spotted phyllite in talus.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7218 230 N	Grab	CL		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 125 E	Strike Length Exp. : 50 m	Sulphides	: None						
547561	Elevation: 755 m	Sample Width : 2x2 m	Oxides	: GE	<5	9.	8.	0.	<10	0.
	Orientation: /	True Width : m	Host	: Phyllite, fissile						

Comments : Moderately deformed.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 350 N	Grab	CL		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 640 E	Strike Length Exp. : >2 km m	Sulphides	: None						
547562	Elevation: 835 m	Sample Width : 2x2 m	Oxides	: None	<5	18.	62.	20.	<10	10.
	Orientation: 133 / 50 NE	True Width : m	Host	: Chloritic phyllite						

Comments : Moderately deformed phyllite, 10m uphill from breccia contact.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 320 N	Grab	CB?, CL, QZ		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 620 E	Strike Length Exp. : 2 km m	Sulphides	: 1%MG, tr-1%PY, HS						
547563	Elevation: 825 m	Sample Width : 2x2 m	Oxides	:	5.	21.	<1	0.	<10	20.
	Orientation: /	True Width : m	Host	: Breccia						

Comments :

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 300 N	Grab	CA, CL, QZ, HE		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 560 E	Strike Length Exp. : 10 m	Sulphides	: tr-2%CP, trMG, trPY, HS						
547564	Elevation: 7 m	Sample Width : 2x2 m	Oxides	: MC	20.	15.	3696.	90.	<10	10.
	Orientation: 116 / 67 N	True Width : 5 m	Host	: Metasomatized sediments						

Comments : Fractured-altered sediments (eg. mineralization related to planes of weakness?) Bedding, fractures, etc.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 240 N	Grab	CA, CL		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 440 E	Strike Length Exp. : 25 m	Sulphides	: trPY, HS in fractures						
547565	Elevation: 690 m	Sample Width : 2x2 m	Oxides	:	<5	33.	77.	60.	<10	20.
	Orientation: 050 / 54 NE	True Width : m	Host	: Chloritic, locally limey sediments						

Comments :

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 155 N	Float	CL, EP, KF?, MS, QZ, HE		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 375 E	Strike Length Exp. : m	Sulphides	: tr-2%CP, trPY						
547566	Elevation: 600 m	Sample Width : m	Oxides	: MC	<5	9.	475.	60.	<10	0.
	Orientation: /	True Width : m	Host	: Argillaceous sediments						

Comments : Talus of altered sediments - malachite staining visible on cliffs above.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 080 N	Float	CL, KF, QZ		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 440 E	Strike Length Exp. : m	Sulphides	: trCP						
547567	Elevation: 605 m	Sample Width : m	Oxides	: MC	<5	23.	110.	40.	<10	10.
	Orientation: /	True Width : m	Host	: Altered sediments						

Comments : Minor hematite breccia (copper bearing) in talus. Also quartz/hematite breccia.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 010 N	Float	CA, CL, QZ, HE		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 510 E	Strike Length Exp. : m	Sulphides	: tr-1%CP, trPY, HS						
547568	Elevation: 610 m	Sample Width : m	Oxides	: AZ, MC	<5	60.	144.	0.	<10	20.
	Orientation: /	True Width : m	Host	: Altered sediments, some/veining siltstones						

Comments : Quartz/sericite veining common. Mineralization of sediment common. Most copper mineralization with extremely altered sediments, chlorite/quartz rich, commonly with mixed hematite veins.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7216 940 N	Float	CL, MS, HE		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 590 E	Strike Length Exp. : m	Sulphides	: BO?, tr-3%CP, 1%PY						
547569	Elevation: 615 m	Sample Width : m	Oxides	: MC	<5	13.	211.	0.	<10	10.
	Orientation: /	True Width : m	Host	: Phyllite, hematite-quartz breccia						

Comments : Breccia boulders; about 20-30% are mineralized - chalcopyrite most common.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7216 850 N	Grab	CB, QZ?		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 650 E	Strike Length Exp. : 20 m	Sulphides	: None						
547570	Elevation: 630 m	Sample Width : 2x2 m	Oxides	: trMC	<5	17.	189.	0.	<10	0.
	Orientation: /	True Width : m	Host	: Altered sediments						

Comments : Altered sediments adjacent to 10m wide brecia zone, with abundant chalcopyrite; at top of bluffs above meadow.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7216 760 N	Chip	CA, HE		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 690 E	Strike Length Exp. : 25+ m	Sulphides	: 1-2%CP						
547571	Elevation: 0 ft	Sample Width : 3.0 m	Oxides	: AZ, MC	15.	10.	8183.	0.	<10	0.
	Orientation: 120 / 55 NE	True Width : 3.0 m	Host	: Quartz, shattered						

Comments : Large shattered section, quartz vein? with mineralized section. Copper mineralization throughout. Two chip samples 548344 and 548345 nearby.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 450 N	Grab	CB, CL, KF, SI		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 370 E	Strike Length Exp. : m	Sulphides	: trCP, trMG, trPY, trHS						
547641	Elevation: 762 m	Sample Width : 5x2 m	Oxides	: MC	60.	62.	2281.	80.	<10	0.
	Orientation: /	True Width : m	Host	: Wernecke breccia						

Comments : Lithogeochem composite grab. Siliceous breccia; minor copper stain in area. Beside posts Hoover 3-6.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 540 N	Chip								
	535 300 E	Strike Length Exp. : m	Sulphides :	3%MG, 2%HS, trBR	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547642	Elevation: 760 m	Sample Width : 5 m	Oxides :	GE, MC	15.	15.	429.	0.	<10	20.
	Orientation: /	True Width : m	Host :	Siliceous Wernecke breccia						

Comments : Lithogeochem from outcrop.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 630 N	Chip								
	535 230 E	Strike Length Exp. : m	Sulphides :	MG?, trPY, 2-5%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547643	Elevation: 755 m	Sample Width : 5 m	Oxides :	wGE	<5	21.	15.	0.	<10	10.
	Orientation: /	True Width : m	Host :	Wernecke breccia						

Comments : Lithogeochem composite chip.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 690 N	Chip								
	535 185 E	Strike Length Exp. : m	Sulphides :	1-5%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547644	Elevation: 750 m	Sample Width : 1 m	Oxides :	None	<5	27.	4.	0.	<10	20.
	Orientation: /	True Width : m	Host :	Wernecke breccia with some argillite clasts						

Comments : Lithogeochem composite chip. Station 60m north of previous 547643.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 670 N	Select/grab								
	535 230 E	Strike Length Exp. : m	Sulphides :	40%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547645	Elevation: 790 m	Sample Width : m	Oxides :	None	<5	0.	<1	0.	<10	50.
	Orientation: /	True Width : m	Host :	Wernecke breccia						

Comments : Right on top of breccia knob.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 740 N	Chip								
	535 170 E	Strike Length Exp. : m	Sulphides :	<5-30%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547646	Elevation: 740 m	Sample Width : 5 m	Oxides :	None	<5	13.	1.	20.	120.	0.
	Orientation: /	True Width : m	Host :	Wernecke breccia						

Comments : Possible brannerite. Adjacent to gabbro dyke, approximately 60m from 547644.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 795 N	Chip								
	535 135 E	Strike Length Exp. : m	Sulphides :	<1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547647	Elevation: 732 m	Sample Width : 5x3 m	Oxides :	None	<5	7.	2.	10.	<10	0.
	Orientation: /	True Width : m	Host :							

Comments : Lithogeochem composite chip.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 860 N	Grab/float		SI	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 080 E	Strike Length Exp. : m	Sulphides :	5-70%HS	<5	30.	4.	10.	<10	10.
547648	Elevation: 710 m	Sample Width : 3 m	Oxides :	None						
	Orientation: /	True Width : m	Host :	Wernecke hematite breccia						

Comments : Last 30m. Crossed sediment/breccia twice. Sample taken adjacent to contact.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7218 185 N	Grab		CB, SI, HE	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	534 910 E	Strike Length Exp. : m	Sulphides :	PY, HS	<5	24.	12.	0.	<10	0.
547649	Elevation: 635 m	Sample Width : 50 cm	Oxides :	GE						
	Orientation: /	True Width : m	Host :							

Comments : Taken beside last set of posts. Note banded siltstone with specularite layer. Creek may represent fault.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7218 140 N	Chip		CA, SI	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	534 820 E	Strike Length Exp. : m	Sulphides :	trPY, trHS	<5	14.	8.	0.	<10	0.
547650	Elevation: 600 m	Sample Width : m	Oxides :	MC						
	Orientation: /	True Width : m	Host :	Silicified Wernecke breccia						

Comments : Possible uranium minerals. L600, 023S.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7218 090 N	Select/grab		CB, SI	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	534 835 E	Strike Length Exp. : m	Sulphides :	CC?, 1-5%CP, 5-10%HS	25.	16.	3.42.	760.	<10	0.
547651	Elevation: 592 m	Sample Width : m	Oxides :	MC						
	Orientation: /	True Width : m	Host :	Wernecke hematite breccia						

Comments : Select grab of mineralized breccia. L600, 085S.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7218 090 N	Select/grab		CA, DO, SI	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	534 835 E	Strike Length Exp. : 30x20 m	Sulphides :	3%CP, 5%HS	150.	28.	4.31.	0.	<10	50.
547652	Elevation: 600 m	Sample Width : 30 cm	Oxides :	MC						
	Orientation: /	True Width : m	Host :	Wernecke hematite breccia						

Comments : Select grab across mineral face. Difficult to sample due to chalcopyrite pods. Coarse sparry calcite often hosts chalcopyrite.
Talus blocks may have tumbled.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7218 090 N	Select/grab		CA, DO, SI	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	534 835 E	Strike Length Exp. : m	Sulphides :	<1%CP, 3-7%HS	<5	14.	372.	0.	<10	0.
547653	Elevation: 600 m	Sample Width : m	Oxides :	None						
	Orientation: /	True Width : m	Host :	Wernecke breccia						

Comments : Select chip of non-mineralized portion of breccia.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7218 050 N	Chip		CA, CB, CL, CY, SI						
	534 850 E	Strike Length Exp. : m	Sulphides :	3-10%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547654	Elevation: 612 m	Sample Width : 7 m	Oxides :	MN?	<5	6.	1600.	0.	<10	20.
	Orientation: /	True Width : m	Host :	Wernecke hematite (limey) breccia						

Comments : Large talus blocks or subcrop, no visible copper. Left copper zone at 085-095m South.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7218 010 N	Chip		CA, KF, SI						
	534 870 E	Strike Length Exp. : m	Sulphides :	3%CP	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547655	Elevation: 605 m	Sample Width : 1 m	Oxides :	MC	25.	15.	1.06.	0.	<10	0.
	Orientation: /	True Width : m	Host :	Wernecke hematite breccia						

Comments : L600, 140S. Talus block is well mineralized, widely scattered blocks are generally more poorly copper bearing.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 940 N	Float/select		CA, CY, KF, SI						
	534 880 E	Strike Length Exp. : m	Sulphides :	1-4%CP, 5-50%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547656	Elevation: 595 m	Sample Width : m	Oxides :	MC	310.	24.	3127.	0.	<10	20.
	Orientation: /	True Width : m	Host :	Wernecke hematite breccia						

Comments : Composite of three mineralized breccia boulders. Did not sample unmineralized breccia. 215S.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 860 N	Chip		CB, CY, KF, SI						
	534 910 E	Strike Length Exp. : m	Sulphides :	<1%CP, <1%PY, 3-5%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547657	Elevation: 600 m	Sample Width : 7 m	Oxides :	None	30.	16.	197.	0.	<10	0.
	Orientation: /	True Width : m	Host :	Wernecke hematite breccia						

Comments : L600, 300S. Good brecciated talus to subcrop; copper is present in small quantities in 2 of 8 block samples.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 840 N	Select/grab		CB, SI						
	534 920 E	Strike Length Exp. : m	Sulphides :	1-3%CP?, 5%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547658	Elevation: 600 m	Sample Width : 10 m	Oxides :	MC	120.	138.	3.46.	0.	<10	50.
	Orientation: /	True Width : >10 m	Host :	Wernecke hematite breccia						

Comments : Large area similar to 547651-653 with chalcopyrite/malachite mineralization; are we following a structure? L600, 335S.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7217 790 N	Float		CB, CL, MS, SI						
	534 950 E	Strike Length Exp. : m	Sulphides :	Insignificant	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547659	Elevation: 600 m	Sample Width : m	Oxides :	None	<5	15.	110.	0.	<10	0.
	Orientation: /	True Width : m	Host :	Metasomatites (meta siltstone)						

Comments : L600, 400S. Also some breccia talus, gabbro and banded sediments.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 670 N	Chip		CB, CL, KF, MS, SI	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	534 990 E	Strike Length Exp. : m	Sulphides	<1%CP, 3%HS						
547660	Elevation: 605 m	Sample Width : m	Oxides	MC	<5	27.	1810.	0.	<10	10.
	Orientation: /	True Width : m	Host	Mixed breccia and altered sediments						

Comments : Lithogeochem composite chip. L600, 500S. Directly above silver tanker.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 620 N	Grab		BI, CL, KF, MS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 000 E	Strike Length Exp. : m	Sulphides	CP						
547661	Elevation: 605 m	Sample Width : m	Oxides	MC	10.	13.	1498.	140.	<10	0.
	Orientation: /	True Width : m	Host	Metasiltstone						

Comments : Chalcopyrite in stringers following fractures or bedding planes in sediments. Portal site. Uphill, L600, 600S. Lithogeochem.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 510 N	Chip		CL	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 080 E	Strike Length Exp. : m	Sulphides	None						
547662	Elevation: 605 m	Sample Width : m	Oxides	None	<5	7.	47.	30.	<10	0.
	Orientation: 024 / 70 W	True Width : m	Host	Banded siltstone						

Comments : Lithogeochem composite, out of copper zone.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 440 N	Chip		None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 110 E	Strike Length Exp. : m	Sulphides	None						
547663	Elevation: 587 m	Sample Width : m	Oxides	None	<5	6.	22.	60.	<10	0.
	Orientation: /	True Width : m	Host	Silty argillites						

Comments : Lithogeochem composite chip at L600, 800S. End of sample line, end of road on flats.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7216 890 N	Grab		QZ, mHE	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 800 E	Strike Length Exp. : m	Sulphides	tr-2%CP						
547843	Elevation: 740 m	Sample Width : 3x3 m	Oxides	MC	25.	10.	1040.	0.	40.	0.
	Orientation: /	True Width : m	Host	Hematite breccia						

Comments : Mineralized hematite breccia - mineralization locally concentrated. Breccia extends in outcrop several hundred metres.
Malachite staining widespread though spotty.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 490 N	Chip		QZ, AB?, HE	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 370 E	Strike Length Exp. : 30 m	Sulphides	1%CP, trPY						
547860	Elevation: 780 m	Sample Width : 1.3 m	Oxides	AZ, GE, JA, MC	135.	13.	6310.	30.	<10	0.
	Orientation: 170 / 47 W	True Width : 1.3 m	Host	Metasediments - altered						

Comments : Well fractured, reticulate hairline fracture - 15cm shear at base of sample. Sample is in hanging wall.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 490 N	Chip	Alteration	CB, QZ	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 370 E	Strike Length Exp. : m	Sulphides	1-2%CP, trPY, HS						
547861	Elevation: 780 m	Sample Width : 5.0 m	Oxides	AZ, JA, MC	1270.	27.	1.32.	70.	<10	0.
	Orientation: 050 / 47 NW	True Width : 3.0 m	Host	Altered metasediments						

Comments : Local silicification/albitization.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 490 N	Chip	Alteration	HE	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 370 E	Strike Length Exp. : m	Sulphides	1-2%CP, trPY						
547862	Elevation: 780 m	Sample Width : 6.0 m	Oxides	AZ, JA, MC	95.	12.	4497.	50.	<10	0.
	Orientation: /	True Width : 4.0 m	Host	Altered sediments						

Comments : Little black spots common - neotocite?

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7218 580 N	Select	Alteration	HE	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	534 880 E	Strike Length Exp. : 5 m	Sulphides	None						
547963	Elevation: 670 m	Sample Width : 50 cm	Oxides	None	10.	5.	18.	0.	10.	0.
	Orientation: 308 / 10 NW	True Width : 1 m	Host							

Comments : Massive hematite with some brannerite. On knob above Post No. 1, Hoover 11 & 12.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 380 N	Select	Alteration	None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 570 E	Strike Length Exp. : 6.0 m	Sulphides	5%CP						
548031	Elevation: 735 m	Sample Width : 10 cm	Oxides	MC	180.	23.	3.03.	30.	20.	200.
	Orientation: /	True Width : 10 cm	Host	Siltstone						

Comments : Small silicified zone in sediment. Very rusty.

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 300 N	Select	Alteration	None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 560 E	Strike Length Exp. : 25 m	Sulphides	10%CP, PY						
548032	Elevation: 780 m	Sample Width : 50 cm	Oxides	AZ, MC	160.	31.	2.370.	110.	<10	150.
	Orientation: 60 / 90	True Width : 80 cm	Host	Sediments						

Comments :

Sample No.	Location	Type	Alteration		Au	Co	Cu	La	U	W
	7217 240 N	Select	Alteration	None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 600 E	Strike Length Exp. : m	Sulphides	CP						
548033	Elevation: 805 m	Sample Width : 50 cm	Oxides	MC	75.	26.	2470.	40.	<10	20.
	Orientation: 60 / 90	True Width : 50 cm	Host	Altered sediment						

Comments : Mineralization in fractures in fine-grained sediment.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7217 180 N	Select	Alteration :	None						
	535 650 E	Strike Length Exp. : 6 m	Sulphides :	CP, MG						
548034	Elevation: 825 m	Sample Width : 60 cm	Oxides :	AZ, MC	10000.	18.	2.24.	70.	<10	150.
	Orientation: 336 / 90	True Width : 2 m	Host :	Altered sediment						

Comments : Magnetite present 4m from contact with hematite breccia.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7217 180 N	Select	Alteration :	None						
	535 650 E	Strike Length Exp. : 35 m	Sulphides :	2%CP, MG						
548035	Elevation: 810 m	Sample Width : 25 cm	Oxides :	MC	15.	50.	1.68.	0.	30.	100.
	Orientation: 012 / 90	True Width : 75 cm	Host :	Altered sediments						

Comments : Area 40m wide, well mineralized with copper - all close to breccia contact.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7217 180 N	Select	Alteration :	CA						
	535 650 E	Strike Length Exp. : 3 m	Sulphides :	CP						
548036	Elevation: 800 m	Sample Width : 25 cm	Oxides :	AZ, MC	115.	15.	1.74.	120.	<10	100.
	Orientation: 353 / 90	True Width : 30 cm	Host :							

Comments :

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7217 180 N	Select	Alteration :	None						
	535 650 E	Strike Length Exp. : 8 m	Sulphides :	10%BO, CP						
548037	Elevation: 790 m	Sample Width : 20 cm	Oxides :	AZ, MC	545.	21.	3.13.	40.	40.	250.
	Orientation: /	True Width : 40-50 cm	Host :	Altered sediments						

Comments :

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7217 040 N	Select	Alteration :	None						
	535 630 E	Strike Length Exp. : 30 m	Sulphides :	1%CP, PY						
548038	Elevation: 745 m	Sample Width : 40 cm	Oxides :	AZ, MC	785.	42.	1.78.	60.	<10	100.
	Orientation: 018 / 90	True Width : 20 cm	Host :	Altered sediments						

Comments :

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7217 830 N	Select	Alteration :	CA						
	535 050 E	Strike Length Exp. : m	Sulphides :	<1%U						
548039	Elevation: 670 m	Sample Width : 25 cm	Oxides :	None	10.	39.	271.	50.	130.	0.
	Orientation: /	True Width : 70 cm	Host :	Hematite breccia						

Comments : Zone exposed for 70-100m, 25m thick. Some zones bleached with brannerite and coronas.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7217 630 N 535 420 E	Select Strike Length Exp. : m	None Sulphides	None						
548040	Elevation: 870 m	Sample Width : 20 cm	Oxides	MC	70.	44.	7446.	90.	<10	60.
	Orientation: /	True Width : 2 m	Host	Phyllite						

Comments : Sporadic mineralization on phyllite outcrop for 20m. On bedding and fractures.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7217 510 N 535 270 E	Select Strike Length Exp. : m	None Sulphides	10%CP						
548041	Elevation: 800 m	Sample Width : 60 cm	Oxides	MC	145.	26.	2.60.	80.	<10	150.
	Orientation: /	True Width : 30 cm	Host	Breccia (hematite)						

Comments : Area at least 30m wide and 20m vertical in breccia. Below claim line, 100m north of post.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7217 510 N 535 270 E	Select Strike Length Exp. : m	None Sulphides	CP?						
548042	Elevation: 800 m	Sample Width : 25 cm	Oxides	MC	25.	101.	2.14.	40.	<10	150.
	Orientation: /	True Width : 20 cm	Host	Breccia						

Comments : Very well mineralized 20m wide zone.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7217 505 N 535 270 E	Select Strike Length Exp. : m	None Sulphides	3%CP						
548043	Elevation: 395 m	Sample Width : 15 cm	Oxides	MC	405.	28.	1.50.	30.	<10	50.
	Orientation: /	True Width : 50 cm	Host	Breccia						

Comments : Total mineralized zone approximately 50x75m in breccia.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7217 590 N 535 130 E	Select Strike Length Exp. : m	None Sulphides	10%CP						
548044	Elevation: 770 m	Sample Width : 25 cm	Oxides	MC	140.	86.	2.79.	70.	<10	150.
	Orientation: /	True Width : 10 m	Host	Breccia						

Comments : Zone in breccia 10x20m.

Sample No.	Location	Type	Alteration		Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
	7217 540 N 535 190 E	Select Strike Length Exp. : m	None Sulphides	25%CP						
548045	Elevation: 760 m	Sample Width : 15 cm	Oxides	AZ, MC	925.	39.	26.2.	20.	20.	100.
	Orientation: /	True Width : 15 m	Host	Breccia						

Comments : Zone of bleached, altered breccia.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548046	7217 500 N 535 190 E Elevation: 740 m Orientation: 078 / 032 S	Select Strike Length Exp. : 15 m Sample Width : 30 cm True Width : 2.5 m	None up to 15%CP MC Quartz vein	455.	20.	8.02.	40.	<10	750.

Comments : Single, large quartz vein cutting through breccia. Sporadically mineralized.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548047	7217 610 N 535 060 E Elevation: 740 m Orientation: 102 / 020	Select Strike Length Exp. : 5 m Sample Width : 12 cm True Width : 2-15 cm	None 90%CP MC Altered sediments	1860.	38.	28.2.	0.	30.	100.

Comments : Shear zone in sediments sitting above 1m band of quartz.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548048	7217 630 N 535 100 E Elevation: 860 m Orientation: /	Select Strike Length Exp. : m Sample Width : 15 cm True Width : m	None CP MC Altered sediments	130.	13.	8355.	90.	<10	40.

Comments : Main showing above trenches.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548049	7217 630 N 535 550 E Elevation: 655 m Orientation: /	 Strike Length Exp. : m Sample Width : 25 cm True Width : m	None 10%CP MC Sediments	360.	77.	1.84.	550.	<10	100.

Comments : Sampled above cat trenches on main showing.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548050	7217 630 N 535 100 E Elevation: 650 m Orientation: /	Select Strike Length Exp. : m Sample Width : 50 m True Width : 40 m	None 80%CP MC Breccia	615.	315.	11.70.	490.	<10	800.

Comments : Best of main showing. Bonnet Plume Mines.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548344	7216 800 N 535 730 E Elevation: 675 m Orientation: 089 / 64 N	Chip Strike Length Exp. : 20 m Sample Width : 1.55 m True Width : 1.15 m	sCA, wCL, wQZ 2-7%CP 1%MC Thinly bedded calcareous sediments	160.	9.	1.66.	0.	170.	100.

Comments : Shear-hosted calcite vein. Chalcopyrite +/- quartz stringers infill fractures. Stringers range from 1mm to 1cm in size. Vein ranges from 1-1.75m true width.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7216 800 N	Chip		sCA, wCL, sQZ	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 730 E	Strike Length Exp. : 5 m	Sulphides :	10-15%CP						
548345	Elevation: 675 m	Sample Width : 1.45 m	Oxides :	AZ, MC	950.	29.	6.51.	0.	30.	600.
	Orientation: 089 / 64 N	True Width : 1.25 m	Host :	Thinly bedded calcareous sediments						

Comments : Massive chalcopyrite pods up to 20cm wide hosted in footwall of calcite vein. (Rock sample 548344). Footwall is strongly fractured and contains abundant quartz veins. Chalcopyrite appears to be associated with the quartz.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7216 710 N	Grab		mCA, wCL	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 850 E	Strike Length Exp. : >40 m	Sulphides :	1-2%CP						
548346	Elevation: 663 m	Sample Width : 3 m	Oxides :	MC	45.	18.	3437.	110.	<10	20.
	Orientation: /	True Width : m	Host :	Thinly bedded calcareous sediments						

Comments : Highly fractured outcrop with calcite veining infilling fractures. Chalcopyrite occurs either as narrow, discontinuous stringers in the fractures or finely disseminated throughout the rock.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7216 740 N	Float		mCB, sCL, mQZ	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 820 E	Strike Length Exp. : m	Sulphides :	2-5%MG, 15%HS						
548347	Elevation: 680 m	Sample Width : m	Oxides :	None	<5	26.	632.	0.	20.	30.
	Orientation: /	True Width : m	Host :	Breccia						

Comments : Breccia float - source unknown. Breccia is either rich in magnetite or specular hematite, but both do not occur together.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7216 780 N	Grab		sCA, wCL, QZ?	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 780 E	Strike Length Exp. : >10 m	Sulphides :	None						
548348	Elevation: 685 m	Sample Width : 3.0 m	Oxides :	<1%MC	<5	11.	299.	0.	40.	0.
	Orientation: /	True Width : m	Host :	Calcareous sediments						

Comments : Highly fractured calcareous sediments. Malachite staining found along some calcite filled fractures.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7216 880 N	Grab		sCA, wCL, wQZ	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 750 E	Strike Length Exp. : >20 m	Sulphides :	<1%CP						
548349	Elevation: 730 m	Sample Width : 2.0 m	Oxides :	trMC	10.	11.	603.	0.	70.	0.
	Orientation: /	True Width : m	Host :	Thinly bedded calcareous sediments						

Comments : Strongly shattered outcrop with calcite infilling fractures. Chalcopyrite is finely disseminated near some fractures.

Sample No.	Location :	Type :	Alteration :		Au	Co	Cu	La	U	W
	7216 930 N	Chip		sCA, wCL, sQZ	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	535 770 E	Strike Length Exp. : 10 m	Sulphides :	<1%BO, <1-10%CP, 3%HS						
548350	Elevation: 765 m	Sample Width : 1.5 m	Oxides :	AZ, MC	525.	27.	2.49.	0.	30.	150.
	Orientation: 125 / 65 SW	True Width : 1.05? m	Host :	Thinly bedded calcareous sediments						

Comments : Strongly shattered and fractured host rock - Calcite>quartz vein? Copper mineralization appears to be related with quartz rich areas. Unable to follow to the south - either is faulted off or pinched. May either be a vein or part of a skarn event?

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7216 940 N 535 750 E	Chip Strike Length Exp. : 2.0 m	sCA, sCL, sQZ Sulphides : 2%BO, 20-25%CP, 5%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
548351	Elevation: 763 m	Sample Width : 1.5 m	Oxides : AZ, GE, MC	1010.	19.	5.63.	10.	<10	500.
	Orientation: /	True Width : m	Host : Thinly bedded calcareous sediments						

Comments : Calcite-quartz vein with bands of massive chalcopyrite>>pyrite. Unsure if in place - appears to be a large boulder. Chalcopyrite found in quartz rich areas. Possible continuation of 548350 or represents a large mineralized pod.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7216 970 N 535 710 E	Grab Strike Length Exp. : 5 m	mCA, wCL, wQZ Sulphides : <1%BO, 3%CP	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
548352	Elevation: 743 m	Sample Width : 2.0 m	Oxides : MC, MN	585.	12.	1.79.	30.	<10	100.
	Orientation: /	True Width : m	Host : Thinly bedded calcareous sediments						

Comments : Grab from outcrop of fractured sediments containing a 1cm wide quartz-chalcopyrite vein. Chalcopyrite is finely disseminated throughout the sediments, but occurs as blebs in the vein.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7217 060 N 535 660 E	Grab Strike Length Exp. : >20 m	mCA, wCL, m-sSI Sulphides : trBO, <1%CC, <1%CP, 2%MG	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
548353	Elevation: 750 m	Sample Width : 3.0 m	Oxides : MC	<5	9.	670.	90.	<10	0.
	Orientation: /	True Width : m	Host : Thinly bedded calcareous sediments						

Comments : Weakly skarnified outcrop of sedimentary rock. Copper mineralization found along fractures.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7217 130 N 535 610 E	Grab Strike Length Exp. : >20 m	mCA, mCL, wEP, mQZ Sulphides : trCP, 3%MG, 1-2%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
548354	Elevation: 770 m	Sample Width : 1.5 m	Oxides : MN	<5	14.	92.	20.	<10	10.
	Orientation: /	True Width : 1.0 m	Host : Metasomatized thinly bedded sedimentary rocks						

Comments : Random grab of metasomatized sedimentary rock. Chalcopyrite and specular hematite is finely disseminated throughout.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7217 200 N 535 550 E	Float Strike Length Exp. : m	wCA, sCL, sQZ Sulphides : <1%CP?, 2%PY, 10-15%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
548355	Elevation: 790 m	Sample Width : m	Oxides : None	<5	54.	24.	0.	10.	20.
	Orientation: /	True Width : m	Host : Breccia						

Comments : Grab from breccia talus. The hematite breccia contains quartz, calcite-chlorite or hematite clasts in a quartz-chlorite>hematite>pyrite>chalcopyrite matrix. The other breccia consists of pinkish-white and green layered and shattered metasediments.

Sample No.	Location :	Type :	Alteration :	Au	Co	Cu	La	U	W
	7217 270 N 535 530 E	Float Strike Length Exp. : m	wCA, mCL, wKF?, sSI Sulphides : trCP, 5%MG, trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
548356	Elevation: 780 m	Sample Width : m	Oxides : None visible	<5	9.	26.	30.	<10	10.
	Orientation: /	True Width : m	Host : Thinly bedded metasomatized sediments						

Comments : Grab of talus. Magnetite either finely disseminated throughout or found as stringers in fractures.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548357	7217 330 N 535 700 E Elevation: 890 m Orientation: 137 / 67 SW	Grab Strike Length Exp. : 3.0 m Sample Width : 1.5 m True Width : 0.6 m	wCA, mCL, sQZ 7%PY, <1%HS None Phyllite - hematite breccia contact	5.	137.	12.	10.	<10	0.

Comments : Quartz-chlorite-pyrite vein found near contact of hematite breccia and phyllite. Sample taken of lower of the two veins found here.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548358	7217 330 N 535 670 E Elevation: 885 m Orientation: /	Grab Strike Length Exp. : 5 m Sample Width : 2.0 m True Width : m	mCA, sCL, sQZ 3-5%PY, 15-20%HS GE Hematite - heterolithic breccia	10.	61.	15.	0.	10.	20.

Comments : Heterolithic breccia is matrix supported and consists of a variety of clasts including surrounding phyllite and metasediments. Specular hematite clasts also present. Matrix is comprised of quartz>chlorite>HS. Outcrop may be possible large boulder field?

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548359	7217 260 N 535 740 E Elevation: 908 m Orientation: /	Float Strike Length Exp. : m Sample Width : m True Width : m	mCA, sCL, sQZ trPY trGE Chlorite - phyllite	<5	17.	9.	0.	10.	0.

Comments : Grab of chlorite-phyllite float. Contains calcite veins (up to 2cm in size and non-mineralized) as well as traces of disseminated pyrite.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548360	7217 190 N 535 785 E Elevation: 892 m Orientation: 000 / 42 E	Grab Strike Length Exp. : 5 m Sample Width : 1.5 m True Width : 0.8 m	wCA, mCL, wSI None None Metasedimentary rock	<5	12.	22.	60.	<10	0.

Comments : Random grab of metasedimentary outcrop.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548361	7217 110 N 535 810 E Elevation: 860 m Orientation: /	Float Strike Length Exp. : m Sample Width : m True Width : m	wCA, mCL, mQZ, mSI <1%CP, trHS trMC Chlorite - phyllite	<5	29.	316.	40.	<10	0.

Comments : Grab of talus float. Chalcopyrite and specular hematite found in quartz or quartz>calcite veins. Malachite stained outcrop approximately 20m upslope.

Sample No.	Location	Type	Alteration	Au (ppb)	Co (ppm)	Cu (ppm)	La (ppm)	U (ppm)	W (ppm)
548362	7216 990 N 535 890 E Elevation: 840 m Orientation: /	Grab Strike Length Exp. : >30 m Sample Width : 2.0 m True Width : m	wCA, sCL, sQZ, sSI BO?, 10%MG, 2%HS None Metasedimentary rock	10.	31.	5.	40.	<10	60.

Comments : Strongly shattered and highly silicified outcrop - possible breccia? Specular hematite is mainly found along calcite/chlorite rich fractures. Magnetite is disseminated throughout and is mainly found in highly silica altered areas.

APPENDIX V

ANALYTICAL PROCEDURES

Chemex Labs Ltd.

Analytical Chemists *Geochemists* *Registered Assayers*

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Phone: (604) 984-0221
Telex: 04-352597
Fax: (604) 984-0218

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
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 Hoover
Comments: CC: MURRAY JONES CC: DAVID CAULFIELD

Page Number : 1
Total Pages : 6
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 %
547417	5	<0.2	10.26	1000	3.0	<2	0.13	<0.5	20	123	17	5.25	3.52	0.91
547418	<5	<0.2	5.77	60	<0.5	<2	3.00	0.5	30	85	3	5.64	0.14	1.09
547419	10	<0.2	6.08	50	<0.5	4	4.11	<0.5	19	79	2	5.96	0.11	0.97
547420	10	<0.2	8.01	1470	1.0	<2	0.67	<0.5	10	96	37	2.93	3.87	0.39
547421	<5	<0.2	9.02	760	1.0	6	0.31	0.5	28	112	345	5.12	2.74	0.66
547422	<5	<0.2	7.73	940	<0.5	<2	0.23	0.5	25	116	451	5.24	2.26	0.52
547553	<5	<0.2	9.29	1050	<0.5	12	0.39	0.5	16	128	38	5.68	2.87	1.17
547554	<5	<0.2	5.73	700	<0.5	6	6.41	<0.5	9	114	22	2.10	2.26	2.23
547555	<5	<0.2	0.60	80	<0.5	10	5.10	0.5	11	196	53	2.51	0.14	2.47
547556	<5	<0.2	3.38	210	<0.5	<2	6.02	<0.5	22	188	26	2.98	1.10	3.15
547557	<5	<0.2	4.50	620	<0.5	12	12.05	0.5	7	79	5	1.46	1.77	2.19
547558	<5	<0.2	4.56	650	<0.5	8	11.34	<0.5	7	88	19	1.21	1.84	1.46
547559	<5	<0.2	5.89	50	<0.5	10	6.57	0.5	29	73	6	2.44	0.31	0.90
547560	<5	<0.2	9.52	580	<0.5	8	0.31	<0.5	8	99	6	3.63	2.73	1.36
547561	<5	<0.2	4.18	560	<0.5	14	13.08	0.5	9	62	8	1.69	1.74	1.98
547562	<5	<0.2	9.85	1100	<0.5	4	0.16	<0.5	18	127	62	3.71	3.49	0.68
547563	5	<0.2	5.28	30	<0.5	4	1.79	0.5	21	132	<1	5.77	0.07	0.29
547564	20	<0.2	9.06	2040	<0.5	8	2.08	0.5	15	79	3696	2.12	5.09	0.78
547565	<5	<0.2	8.94	670	<0.5	8	2.44	0.5	33	100	77	4.06	3.99	0.70
547566	<5	<0.2	8.28	1530	<0.5	8	2.28	<0.5	9	79	475	0.86	4.34	0.46
547567	<5	<0.2	6.93	1430	0.5	6	2.25	<0.5	23	72	110	2.63	4.40	0.85
547568	<5	<0.2	6.96	460	<0.5	6	3.44	<0.5	60	93	144	5.68	1.82	1.06
547569	<5	<0.2	7.78	520	<0.5	6	3.31	0.5	13	109	211	3.66	1.72	0.71
547570	<5	<0.2	7.87	1880	<0.5	4	4.14	<0.5	17	80	189	1.76	5.74	0.59
547571	15	<0.2	1.02	130	0.5	10	>25.00	<0.5	10	13	8183	1.30	0.36	0.55
547641	60	<0.2	7.01	870	1.5	4	2.66	<0.5	62	70	2281	1.40	3.28	0.63
547642	15	<0.2	6.47	170	75.5	8	9.25	0.5	15	53	429	3.59	0.59	0.80
547643	<5	<0.2	6.29	150	<0.5	2	2.90	1.0	21	89	15	4.55	0.87	1.32
547644	<5	<0.2	7.09	70	<0.5	2	2.29	<0.5	27	68	4	5.06	0.29	0.14
547645	<5	<0.2	5.63	80	<0.5	<2	6.19	1.0	<1	60	<1	9.35	0.07	0.06
547646	<5	<0.2	6.46	220	<0.5	2	1.89	0.5	13	86	1	3.14	1.52	0.37
547647	<5	<0.2	6.76	40	<0.5	<2	1.68	<0.5	7	125	2	3.23	0.14	0.39
547648	<5	<0.2	5.52	90	12.0	<2	0.17	0.5	30	96	4	6.10	0.03	0.01
547649	<5	<0.2	4.16	20	0.5	10	13.71	<0.5	24	47	12	1.05	0.09	1.01
547650	<5	<0.2	4.71	30	0.5	<2	5.89	<0.5	14	127	8	1.12	0.12	0.10

CERTIFICATION: B. Caufield

Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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P/)N DE)PME IMITI
711 - 675 W. HASTINGS ST.
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V6B 1N4

Project : FAIRCHILD LAKE HOOVER
Comments: CC: MURRAY JONES CC: DAVID CAULFIELD

F lumb 2
Total Pages : 6
Certificate Date: 29-SEP-92
Invoice No. :
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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 %
547651	25	0.4	7.77	20	<0.5	<20	2.11	0.5	16	102	>10000	4.50	0.05	0.07
547652	150	1.0	3.20	20	<0.5	<20	13.86	0.5	28	66	>10000	5.64	0.13	0.12
547653	<5	<0.2	5.43	40	1.0	4	7.65	0.5	14	207	372	3.44	0.25	0.11
547654	<5	<0.2	5.73	20	1.0	8	10.36	0.5	6	77	1600	4.13	0.12	0.13
547655	25	0.4	7.75	20	<0.5	<20	2.44	0.5	15	130	>10000	5.04	0.05	0.08
547656	310	<0.2	5.73	20	<0.5	2	4.52	1.0	24	165	3127	6.67	0.04	0.47
547657	30	<0.2	6.83	30	1.5	4	3.58	0.5	16	132	197	2.92	0.10	1.27
547658	120	0.8	5.68	20	2.0	<20	6.17	0.5	138	66	>10000	8.01	0.03	0.13
547659	<5	<0.2	7.04	240	1.0	2	5.50	<0.5	15	91	110	0.98	0.65	0.51
547660	<5	<0.2	5.44	100	1.5	4	4.06	<0.5	27	130	1810	3.45	0.56	0.55
547661	10	<0.2	9.97	1320	3.5	2	0.88	<0.5	13	102	1498	1.74	4.79	0.69
547662	<5	<0.2	8.68	1530	1.5	<2	0.42	<0.5	7	91	47	1.06	4.75	0.29
547663	<5	<0.2	9.46	2220	3.5	2	0.92	<0.5	6	109	22	1.01	5.06	0.51
547843	25	<0.2	4.68	3520	<0.5	4	11.96	<0.5	10	44	1040	1.34	5.20	0.61
547860	135	<0.2	7.30	1490	<0.5	6	0.52	<0.5	13	68	6310	1.43	5.58	0.26
547861	1270	<0.2	6.77	1380	<0.5	<20	0.51	<0.5	27	42	>10000	4.78	3.88	0.32
547862	95	<0.2	7.85	1370	1.5	4	3.52	<0.5	12	72	4497	1.10	3.50	0.41
547963	10	<0.2	2.61	20	<0.5	<2	0.11	<0.5	5	130	18	22.12	0.04	0.07
548031	180	0.2	9.77	950	3.5	<20	0.90	<0.5	23	56	>10000	5.27	2.79	1.27
548032	160	0.6	8.56	570	1.5	<20	4.56	<0.5	31	82	>10000	4.34	3.03	0.87
548033	75	0.6	8.92	2280	0.5	<2	0.22	<0.5	26	94	2470	3.92	4.59	1.29
548034	>10000	1.8	6.86	720	<0.5	<20	1.20	<0.5	18	90	>10000	9.31	2.16	0.46
548035	15	<0.2	5.83	390	<0.5	<20	5.47	<0.5	50	83	>10000	4.95	1.51	0.87
548036	115	<0.2	8.08	400	1.5	<20	1.15	<0.5	15	76	>10000	3.17	1.43	1.06
548037	545	1.8	7.52	480	<0.5	<20	0.25	<0.5	21	53	>10000	12.81	1.60	0.61
548038	785	0.2	6.34	1320	0.5	<20	6.58	<0.5	42	83	>10000	4.38	2.69	0.95
548039	10	0.4	5.69	50	<0.5	<2	1.40	<0.5	39	125	271	1.35	0.26	0.10
548040	70	0.8	8.45	860	2.0	<2	0.22	<0.5	44	129	7446	10.88	2.12	0.80
548041	145	1.6	6.79	850	<0.5	<20	2.84	<0.5	26	112	>10000	2.88	5.17	0.33
548042	25	0.2	5.21	120	0.5	<20	9.42	<0.5	101	90	>10000	1.58	0.49	1.06
548043	405	0.8	8.09	710	0.5	<20	2.14	<0.5	28	123	>10000	2.07	2.98	0.25
548044	140	0.6	6.95	30	<0.5	<20	0.49	<0.5	86	145	>10000	3.46	0.21	0.61
548045	925	4.4	0.62	40	<0.5	420	0.40	<0.5	39	17	>10000	>25.00	0.11	0.24
548046	455	1.4	2.87	150	<0.5	<20	1.38	<0.5	20	270	>10000	8.08	0.37	0.42
548047	1860	2.6	0.24	90	<0.5	500	4.02	<0.5	38	7	>10000	>25.00	0.02	0.08

CERTIFICATION: B. Caplin

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 HOOVER
Comments: CC: MURRAY JONES CC: DAVID CAULFIELD

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 %
548048	130	<0.2	9.90	2420	2.0	4	0.77	0.5	13	101	8355	1.51	4.79	0.27
548049	360	0.2	4.79	360	4.5	<20	3.67	1.0	77	98	>10000	4.78	1.00	2.85
548050	615	1.0	5.87	100	<0.5	<20	0.18	<0.5	315	38	>10000	12.17	4.51	0.30
548344	160	0.8	0.48	1120	1.0	<20	25.00	<0.5	9	12	>10000	2.18	0.18	0.42
548345	950	0.8	4.08	60	<0.5	<20	6.20	<0.5	29	52	>10000	7.24	4.20	0.79
548346	45	0.2	8.09	2570	2.0	6	2.72	<0.5	18	72	3437	1.52	5.83	0.72
548347	<5	<0.2	6.11	730	<0.5	8	4.97	<0.5	26	79	632	7.05	2.59	1.18
548348	<5	<0.2	6.06	740	<0.5	10	8.41	<0.5	11	74	299	1.30	1.56	1.41
548349	10	0.4	6.63	3340	<0.5	6	4.27	<0.5	11	82	603	1.35	4.43	0.93
548350	525	0.6	3.63	230	<0.5	<20	8.00	<0.5	27	94	>10000	3.89	2.75	0.45
548351	1010	1.0	6.46	170	<0.5	<20	0.52	<0.5	19	61	>10000	8.66	6.30	0.30
548352	585	0.8	7.52	310	1.5	<20	3.55	<0.5	12	66	>10000	2.82	4.67	0.58
548353	<5	<0.2	7.55	1820	1.5	4	2.96	<0.5	9	97	670	1.94	5.22	0.40
548354	<5	<0.2	6.65	1400	0.5	<2	5.14	0.5	14	75	92	4.19	3.37	1.31
548355	<5	<0.2	5.37	30	<0.5	<2	3.90	<0.5	54	102	24	5.05	0.06	0.68
548356	<5	<0.2	7.94	1900	1.0	<2	0.31	<0.5	9	73	26	3.51	5.17	0.55
548357	5	<0.2	4.74	40	7.0	<2	0.10	<0.5	137	167	12	3.70	0.01	0.55
548358	10	<0.2	5.48	30	0.5	<2	3.59	<0.5	61	105	15	6.04	0.06	0.89
548359	<5	<0.2	5.64	610	0.5	<2	5.23	<0.5	17	95	9	2.01	2.31	2.39
548360	<5	<0.2	9.52	880	1.5	<2	0.37	<0.5	12	103	22	2.62	3.49	0.60
548361	<5	<0.2	9.11	830	<0.5	<2	0.24	0.5	29	128	316	5.66	2.79	0.75
548362	10	<0.2	7.51	2440	<0.5	<2	0.58	<0.5	31	91	5	14.30	3.36	1.18

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

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

Project : FAIRCHILD LAKE HOOVER
Comments: CC: MURRAY JONES CC: DAVID CAULFIELD

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	Au g/t
547417	675	<1	0.70	44	490	<2	263	0.18	83	10	22	40	<10	
547418	1145	<1	3.77	34	570	<2	43	0.10	62	20	20	<10	<10	
547419	1095	2	4.21	20	600	<2	40	0.10	62	20	20	<10	<10	
547420	325	<1	1.74	23	500	<2	44	0.15	47	<10	8	130	<10	
547421	1335	<1	0.56	46	410	<2	211	0.20	66	10	22	40	<10	
547422	760	1	0.31	27	600	<2	76	0.27	56	10	16	40	<10	
547553	1230	<1	0.31	41	740	<2	169	0.34	78	10	54	40	<10	
547554	1440	1	0.75	9	500	<2	142	0.12	35	<10	16	<10	<10	
547555	2965	<1	0.03	6	130	<2	42	0.01	8	<10	28	<10	<10	
547556	3310	1	0.09	81	1590	<2	116	0.64	86	<10	32	<10	<10	
547557	1145	<1	0.61	7	380	<2	252	0.09	25	<10	12	<10	<10	
547558	1100	<1	0.75	8	360	<2	222	0.11	28	<10	8	<10	<10	
547559	1555	9	4.54	18	790	<2	145	0.13	67	20	8	<10	<10	
547560	475	2	0.99	15	320	<2	86	0.27	78	10	62	20	<10	
547561	1530	<1	0.30	13	450	<2	274	0.08	25	<10	16	<10	<10	
547562	630	2	0.53	33	460	<2	250	0.26	80	10	18	20	<10	
547563	600	1	4.26	20	610	<2	26	0.14	50	20	16	<10	<10	
547564	670	1	1.69	53	330	<2	54	0.15	90	10	22	90	<10	
547565	6540	1	0.21	27	510	<2	67	0.37	55	20	26	60	<10	
547566	540	1	2.93	17	400	<2	88	0.10	24	<10	14	60	<10	
547567	1200	1	1.65	23	510	<2	66	0.18	40	10	12	40	<10	
547568	1300	2	2.86	36	680	<2	49	0.20	54	20	22	<10	<10	
547569	1280	<1	2.53	19	820	<2	95	0.23	54	10	18	<10	<10	
547570	1145	<1	0.95	15	790	<2	119	0.27	52	<10	8	<10	<10	
547571	3095	2	0.38	10	220	<2	246	0.02	16	<10	38	<10	<10	
547641	985	4	3.70	24	730	4	61	0.10	43	<10	24	80	<10	
547642	1435	1	4.82	19	1040	<2	94	0.08	38	20	16	<10	<10	
547643	1375	<1	3.25	20	710	<2	28	0.15	49	10	28	<10	<10	
547644	630	1	5.53	8	670	<2	24	0.16	55	20	12	<10	<10	
547645	970	<1	4.63	1	610	<2	34	0.13	128	50	14	<10	<10	
547646	515	<1	3.10	9	760	10	17	0.10	40	<10	14	20	120	
547647	555	<1	6.24	15	480	<2	30	0.20	46	<10	14	10	<10	
547648	40	2	5.56	11	630	<2	35	0.11	56	10	12	10	<10	
547649	2555	<1	3.24	8	1220	<2	96	0.07	20	<10	4	<10	<10	
547650	1100	<1	4.81	9	410	<2	41	0.13	20	<10	8	<10	<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

): F ON D OPM LIMI

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

Project : FAIRCHILD LAKE HOOVER
Comments: CC: MURRAY JONES CC: DAVID CAULFIELD

Numt 5
Total Pages : 6
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	Au g/t
547651	495	1	5.98	3	600	6	46	0.09	12	<50	114	760	<10	
547652	1450	2	2.37	6	200	<2	55	0.08	29	50	136	<10	<10	
547653	1165	1	4.12	7	650	<2	40	0.16	55	<10	12	<10	<10	
547654	1265	<1	4.27	5	740	<2	60	0.15	63	20	14	<10	<10	
547655	725	1	6.06	6	400	<2	53	0.17	81	<50	48	<10	<10	
547656	1260	1	4.45	10	670	<2	60	0.22	105	20	26	<10	<10	
547657	1105	1	5.36	14	880	<2	65	0.14	48	<10	16	<10	<10	
547658	825	2	4.77	18	600	<2	37	0.14	51	50	120	<10	<10	
547659	780	1	5.24	8	560	<2	70	0.11	22	<10	12	<10	<10	
547660	1220	1	3.44	9	840	<2	25	0.17	46	10	26	<10	<10	
547661	335	3	1.80	46	490	4	61	0.25	59	<10	18	140	<10	
547662	145	<1	0.83	13	520	<2	59	0.24	54	<10	4	30	<10	
547663	135	<1	2.93	26	590	<2	166	0.28	46	<10	12	60	<10	
547843	1785	6	0.37	14	720	<2	147	0.06	20	<10	8	<10	40	
547860	135	<1	1.76	18	640	6	36	0.09	32	<10	28	30	<10	
547861	225	15	2.31	23	400	6	39	0.11	40	<50	48	70	<10	
547862	645	4	3.11	16	750	4	76	0.12	32	<10	38	50	<10	
547963	120	13	1.83	30	110	<2	21	0.03	435	<10	26	<10	10	
548031	735	49	3.55	28	<200	4	110	0.09	12	200	138	30	20	
548032	1635	<1	3.00	75	200	<2	70	0.11	109	150	86	110	<10	
548033	365	3	0.73	75	580	<2	43	0.31	94	20	22	40	<10	
548034	495	13	2.18	33	1000	<2	51	0.08	37	150	86	70	<10	20.2
548035	2110	1	2.19	35	1200	<2	51	0.13	50	100	80	<10	30	
548036	400	6	3.83	33	800	10	59	0.08	17	100	74	120	<10	
548037	225	19	3.21	42	400	4	73	0.06	10	250	118	40	40	
548038	1430	1	1.76	59	1000	4	122	0.08	48	100	72	60	<10	
548039	520	1	4.07	7	840	8	15	0.09	8	<10	6	50	130	
548040	520	11	2.55	41	600	<2	112	0.19	67	60	54	90	<10	
548041	840	1	1.39	43	600	<2	45	0.10	34	150	84	80	<10	
548042	1805	<1	3.03	43	600	<2	87	0.06	19	150	84	40	<10	
548043	350	6	3.83	20	1000	10	65	0.10	31	50	56	30	<10	
548044	645	937	4.71	27	800	10	24	0.05	32	150	104	70	<10	
548045	330	5	0.17	25	1200	<2	20	<0.01	14	100	874	20	20	
548046	425	<1	1.55	21	<200	8	34	0.01	6	750	286	40	<10	
548047	875	<1	0.03	19	1200	12	41	<0.01	<1	100	916	<10	30	

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

: P. ON DI OPME LIMIT

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

Project : FAIRCHILD LAKE HOOVER
Comments: CC: MURRAY JONES CC: DAVID CAULFIELD

Numb 6
Total Pages : 6
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	Au g/t
548048	180	1	3.44	25	590	4	132	0.15	31	40	34	90	<10	
548049	1010	4	1.26	120	400	8	46	0.22	120	100	102	550	<10	
548050	485	38	1.46	43	<200	12	66	0.01	7	800	384	490	<10	
548344	4135	22	0.05	9	<200	6	237	0.01	19	100	72	<10	170	
548345	1605	12	0.57	19	400	<2	93	0.02	13	600	202	<10	30	
548346	565	5	1.39	30	1110	6	93	0.11	57	20	28	110	<10	
548347	1235	1	2.06	35	1030	<2	119	0.16	62	30	34	<10	20	
548348	2315	8	3.46	15	910	<2	112	0.08	46	<10	8	<10	40	
548349	720	<1	0.71	18	730	6	135	0.12	54	<10	8	<10	70	
548350	1090	38	0.74	22	800	<2	108	0.04	33	150	86	<10	30	
548351	250	16	0.74	42	800	<2	50	0.04	17	500	176	10	<10	
548352	665	<1	1.58	20	600	<2	67	0.14	55	100	70	30	<10	
548353	555	<1	2.01	11	930	<2	100	0.13	36	<10	18	90	<10	
548354	4670	<1	0.43	22	690	<2	78	0.28	42	10	26	20	<10	
548355	940	<1	3.94	56	840	<2	32	0.10	39	20	14	<10	10	
548356	160	2	0.87	37	870	<2	38	0.17	67	10	12	30	<10	
548357	200	1	3.27	89	290	4	78	0.05	11	<10	14	10	<10	
548358	855	1	3.77	52	620	<2	36	0.15	65	20	18	<10	10	
548359	1535	<1	0.58	12	760	<2	64	0.13	39	<10	16	<10	10	
548360	545	<1	1.33	21	550	<2	354	0.32	76	<10	12	60	<10	
548361	7675	<1	0.67	32	680	<2	179	0.28	70	<10	22	40	<10	
548362	515	7	1.27	37	580	<2	32	0.18	68	60	24	40	<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: PAMICON DEVELOPMENTS LIMITED

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

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

Page Number :1
Total Pages :3
Certificate Date: 03-OCT-92
Invoice No. : I9222307
P.O. Number :
Account : BM

CERTIFICATE OF ANALYSIS A9222307

SAMPLE	PREP CODE	Cu %
AM92-001	244 --	
547018	244 --	
547019	244 --	
547083	244 --	
547091	244 --	
547326	244 --	
547455	244 --	
547459	244 --	
547463	244 --	
547464	244 --	
547501	244 --	
547582	244 --	
547624	244 --	
547651	244 --	3.42
547652	244 --	4.31
547655	244 --	1.06
547658	244 --	3.46
547676	244 --	
547722	244 --	
547861	244 --	1.32
547906	244 --	
547907	244 --	
547908	244 --	
547909	244 --	
547910	244 --	
547911	244 --	
547913	244 --	
547915	244 --	
547917	244 --	
547921	244 --	
547925	244 --	
547926	244 --	
547927	244 --	
547928	244 --	
547930	244 --	
547937	244 --	
547938	244 --	
547942	244 --	
547943	244 --	
547947	244 --	

CERTIFICATION: W. Stan Iwanuik

Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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V6B 1N4

Project : FAIRCHILD LAKE - HOOVER
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 --	
547956	244 --	
547957	244 --	
547958	244 --	
547959	244 --	
547961	244 --	
547962	244 --	
548004	244 --	
548006	244 --	
548008	244 --	
548009	244 --	
548011	244 --	
548014	244 --	
548015	244 --	
548018	244 --	
548019	244 --	
548023	244 --	
548030	244 --	
548031	244 --	3.03
548032	244 --	2.37
548034	244 --	2.24
548035	244 --	1.68
548036	244 --	1.74
548037	244 --	3.13
548038	244 --	1.78
548041	244 --	2.60
548042	244 --	2.14
548043	244 --	1.50
548044	244 --	2.79
548045	244 --	26.2
548046	244 --	8.02
548047	244 --	28.2
548049	244 --	1.84
548050	244 --	11.70
548051	244 --	
548074	244 --	
548101	244 --	

CERTIFICATION: W. Stanbrine

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 - HOOVER
Comments: ATTN: M. JONES CC: D. CAULFIELD

Certificate Date: 03-OCT-92
Invoice No. : I9222307
P.O. Number :
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CERTIFICATE OF ANALYSIS A9222307

SAMPLE	PREP CODE	Cu %
548102	244 --	
548106	244 --	
548165	244 --	
548313	244 --	
548344	244 --	1.66
548345	244 --	6.51
548350	244 --	2.49
548351	244 --	5.63
548352	244 --	1.79
548366	244 --	
548377	244 --	
548418	244 --	
548477	244 --	
548497	244 --	
548186	244 --	
548188	244 --	

CERTIFICATION: W. Glen Brunzie

Chemex Labs Ltd.

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

Project : FAIRCHILD
Comments: ATTN: MIKE STAMMERS

Page Number :1-A
Total Pages :1
Certificate Date: 10-NOV-92
Invoice No. :I9224080
P.O. Number :
Account :BM

*CORRECTED COPY FOR URANIUM

CERTIFICATE OF ANALYSIS A9224080

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)
HOOVER 19931	205	274	95	< 0.2	7.87	2020	1.0	< 2	1.82	< 0.5	40	80	8270	2.52	5.23	0.89
HOOVER 19932	205	274	45	< 0.2	8.07	3110	0.5	2	1.69	< 0.5	14	83	5570	1.14	7.17	0.52
HOOVER 19933	205	274	375	1.0	3.91	30	< 0.5	426	0.08	< 0.5	39	71	>10000	15.50	3.28	0.16
HOOVER 19934	205	274	60	< 0.2	4.85	2270	< 0.5	< 2	11.05	< 0.5	24	55	4720	4.83	4.39	0.35
HOOVER 19935	205	274	70	< 0.2	6.23	200	1.5	< 2	7.03	< 0.5	49	66	>10000	3.13	0.72	0.60
HOOVER 19943	205	274	915	< 0.2	6.44	100	1.0	< 2	0.47	< 0.5	55	91	4440	4.94	0.19	0.12
HOOVER 19944	205	274	365	< 0.2	8.36	80	1.0	< 2	2.34	< 0.5	58	53	7710	3.92	0.27	1.78
HOOVER 19945	205	274	1800	< 0.2	7.10	30	< 0.5	< 2	1.13	< 0.5	23	77	8000	3.94	0.14	0.12
HOOVER 19946	205	274	70	< 0.2	5.92	680	1.0	< 2	7.44	< 0.5	106	53	>10000	2.26	0.52	0.60
HOOVER 19947	205	274	960	2.0	2.81	10	< 0.5	642	1.85	< 0.5	74	26	>10000	18.10	0.42	1.17

CERTIFICATION: _____

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711 - 675 W. HASTINGS ST.
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V6B 1N4

Project : FAIRCHILD
Comments: ATTN: MIKE STAMMERS

Page Number :1-B
Total Pages :1
Certificate Date: 10-NOV-92
Invoice No. :I9224080
P.O. Number :
Account :BM

CERTIFICATE OF ANALYSIS A9224080

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	U ppm ICP	
HOOVER 19931	205	274	390	< 1	1.35	36	930	< 2	123	0.18	54	< 10	32	60	< 10	
HOOVER 19932	205	274	515	4	0.81	21	690	< 2	85	0.13	56	< 10	28	30	< 10	
HOOVER 19933	205	274	20	52	0.38	12	3790	6	22	0.04	20	< 10	404	< 10	< 10	
HOOVER 19934	205	274	2380	10	0.69	36	720	< 2	113	0.06	82	< 10	22	< 10	< 10	
HOOVER 19935	205	274	1060	1	4.07	35	580	< 2	71	0.07	40	< 10	44	< 10	< 10	
HOOVER 19943	205	274	115	86	4.65	55	1090	< 2	32	0.04	21	< 10	36	220	< 10	
HOOVER 19944	205	274	425	1	5.18	52	3440	< 2	62	0.04	28	< 10	44	< 10	< 10	
HOOVER 19945	205	274	185	8	5.29	25	1670	< 2	25	0.10	16	< 10	30	40	< 10	
HOOVER 19946	205	274	1835	< 1	3.77	37	370	< 2	91	0.07	40	30	106	< 10	< 10	
HOOVER 19947	205	274	740	39	1.65	57	4830	6	62	0.02	22	< 10	554	280	< 10	

CERTIFICATION: Thai D Ma

Chemex Labs Ltd.

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

To: PAMICON DEVELOPMENTS LIMITED

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

Project : FAIRCHILD
Comments: ATTN: MIKE STAMMERS

Page Number :1
Total Pages :1
Certificate Date: 23-NOV-92
Invoice No. :I9224670
P.O. Number :
Account :BM

CERTIFICATE OF ANALYSIS A9224670

SAMPLE	PREP CODE	Cu %
JAZZ 19927	244 --	
JAZZ 19941	244 --	
HOOVER 19933	244 --	16.40
HOOVER 19935	244 --	1.01
HOOVER 19946	244 --	3.84
HOOVER 19947	244 --	20.5
HAIL 19937	244 --	
HAIL 19938	244 --	
OLYMPIC 10977	244 --	
OLYMPIC 10978	244 --	
MICA 10986	244 --	

CERTIFICATION: Christie

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).

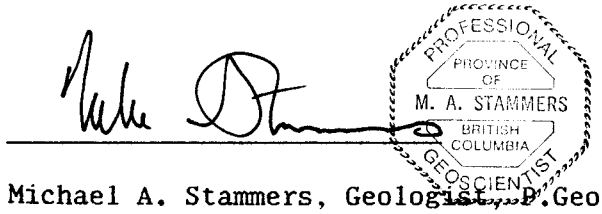
4. I am a Fellow of the Geological Association of Canada.

5. This report is based on property work I personally completed and/or directly supervised on August 28, 29 and September 4 and 7, 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