

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
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Vancouver, B.C. V6B 1L8

Telephone: 604-688-2568

Fax: 604-688-2578

**ASSESSMENT REPORT**

describing

**PROSPECTING AND HAND PITTING**

on the

**SEYMOUR PROPERTY**

Sey 1-20 Claims YC09221-YC09240

NTS 115I/6

Latitude 62°18'N; Longitude 137°11'W

in the

Whitehorse Mining District  
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

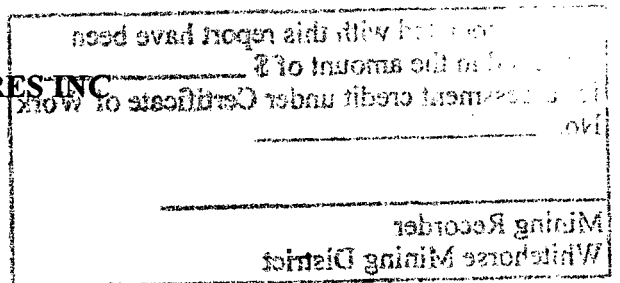
**ATAC RESOURCES LTD.**

and

**DANELI VENTURES INC.**

by

W. Douglas Eaton, B.Sc. Geology  
April 2004



YUKON ENERGY, MINES  
& RESOURCES LIBRARY  
PO. BOX 2703  
WHITEHORSE, YUKON Y1A 206

Costs associated with this report have been approved in the amount of \$ 8000.00 for assessment credit under Certificate of Work No. QW 27659

H. S. Sattwick  
Mining Recorder  
Whitehorse Mining District

7

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## INTRODUCTION

The Seymour property was staked in February 1999 by ATAC Resources Ltd. to cover unexplained gold soil geochemical anomalies within a belt of gold prospects located in the road accessible, Freegold Mountain area of central Yukon. ATAC performed a short program of prospecting, soil sampling and magnetic surveys in summer 1999, a few days of follow up prospecting in 2001 and one day of hand trenching and prospecting in August 2002.

The property was optioned in June 2003 to Daneli Ventures Inc. which could earn a 50% interest in the property by paying ATAC \$23,000 and making work expenditures of \$500,000 by December 31, 2007. The 2003 work program was funded by Daneli.

This report describes prospecting and hand trenching done between August 21 and 26, 2003 by Archer, Cathro & Associates (1981) Limited on behalf of ATAC. The work was performed by the author, geologist David Turner and field assistant Graham Downs from a camp located on ATAC's nearby Golden Revenue property. Eli Stratulat of Daneli also worked on the property with the crew. The author's Statement of Qualifications appears in Appendix I.

## PROPERTY, LOCATION AND ACCESS

The Seymour property comprises 20 mineral claims located in central Yukon at latitude 62°18'N and longitude 137°11'W on NTS map sheet 115I/6 (Figure 1). The claims are registered with the Whitehorse Mining Recorder in the name of Archer, Cathro & Associates (1981) Limited which holds them in trust for ATAC. Claim data are listed below while the locations of individual claims are shown on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
Sey 1-20	YC09221-YC09240	February 22, 2011

\*Expiry date includes 2003 work which has been filed for assessment credit but not yet accepted.

The claims are directly accessible during summer and fall using a four-wheel drive road that extends north from about Km 65 on the Casino Trail, part of the Freegold Road system which connects to the Klondike Highway at Carmacks about 180 km north of Whitehorse. If required, shorter access could be created by extending the road 1 km to the west, to join the Casino Trail at Km 70 (Figure 3).

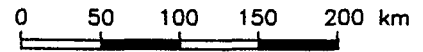
DANELI VENTURES INC.

FIGURE 1

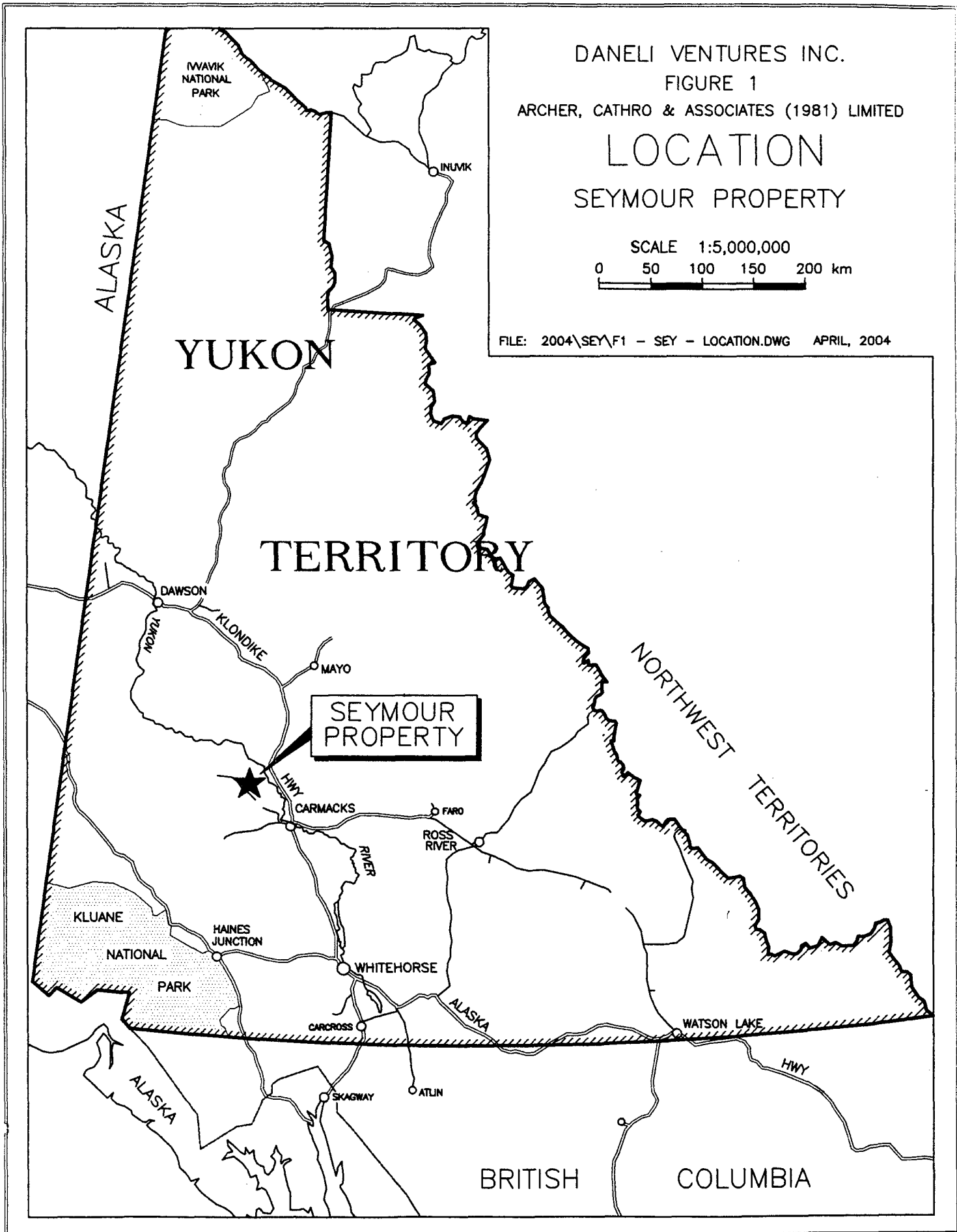
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

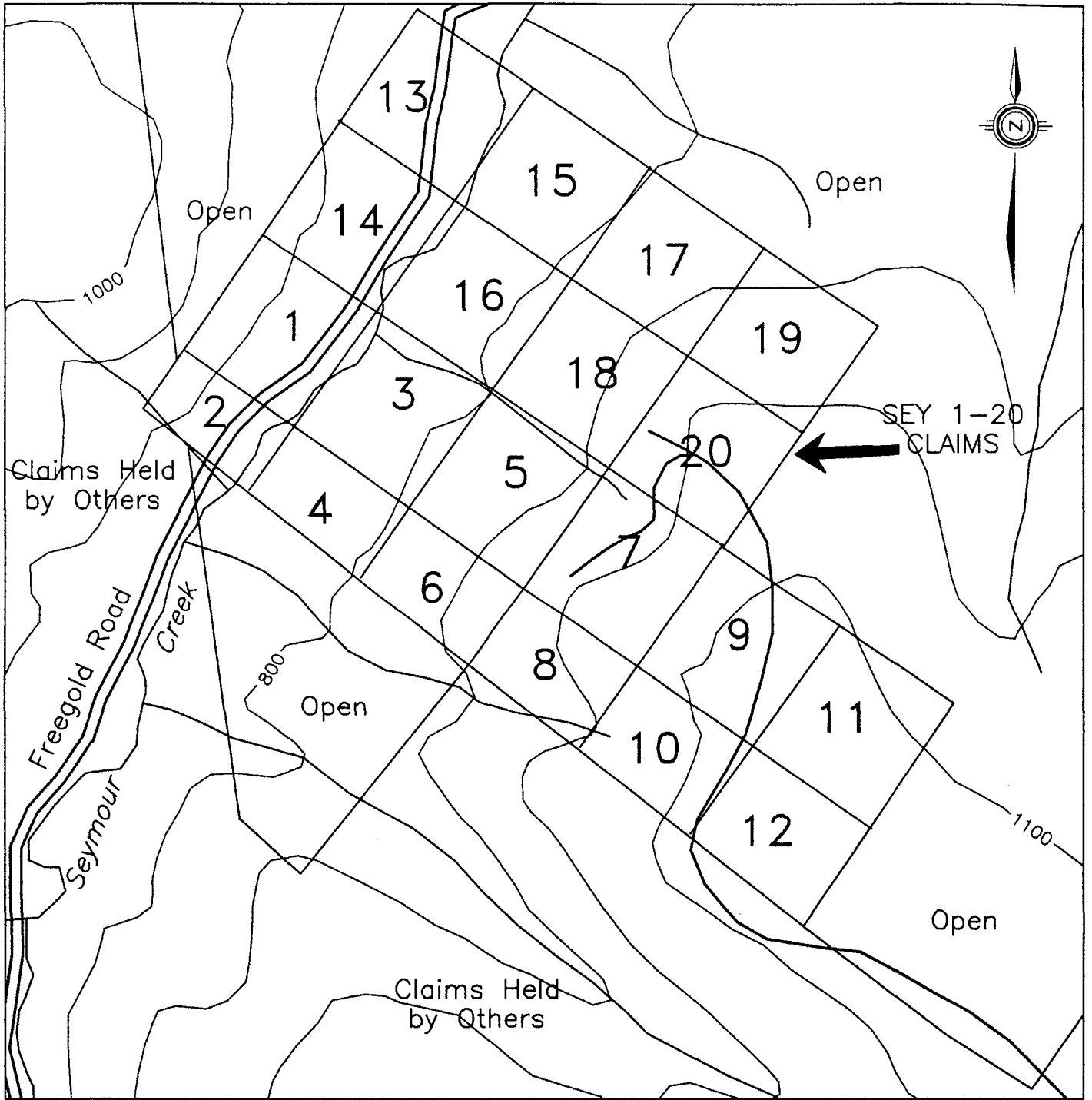
# LOCATION SEYMOUR PROPERTY

SCALE 1:5,000,000



FILE: 2004\SEY\F1 - SEY - LOCATION.DWG APRIL, 2004





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FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATION  
SEYMOUR PROPERTY

SCALE 1:20,000

0 200 400 600 800 1000m



FILE: 2004\SEYMOUR\F2-SEY-CLAIM.DWG DATE: APRIL, 2004

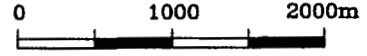
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FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

# ACCESS SEYMOUR PROPERTY

SCALE 1:50,000



FILE: 2004\SEYMOUR\F3-SEY-ACCESS.DWG

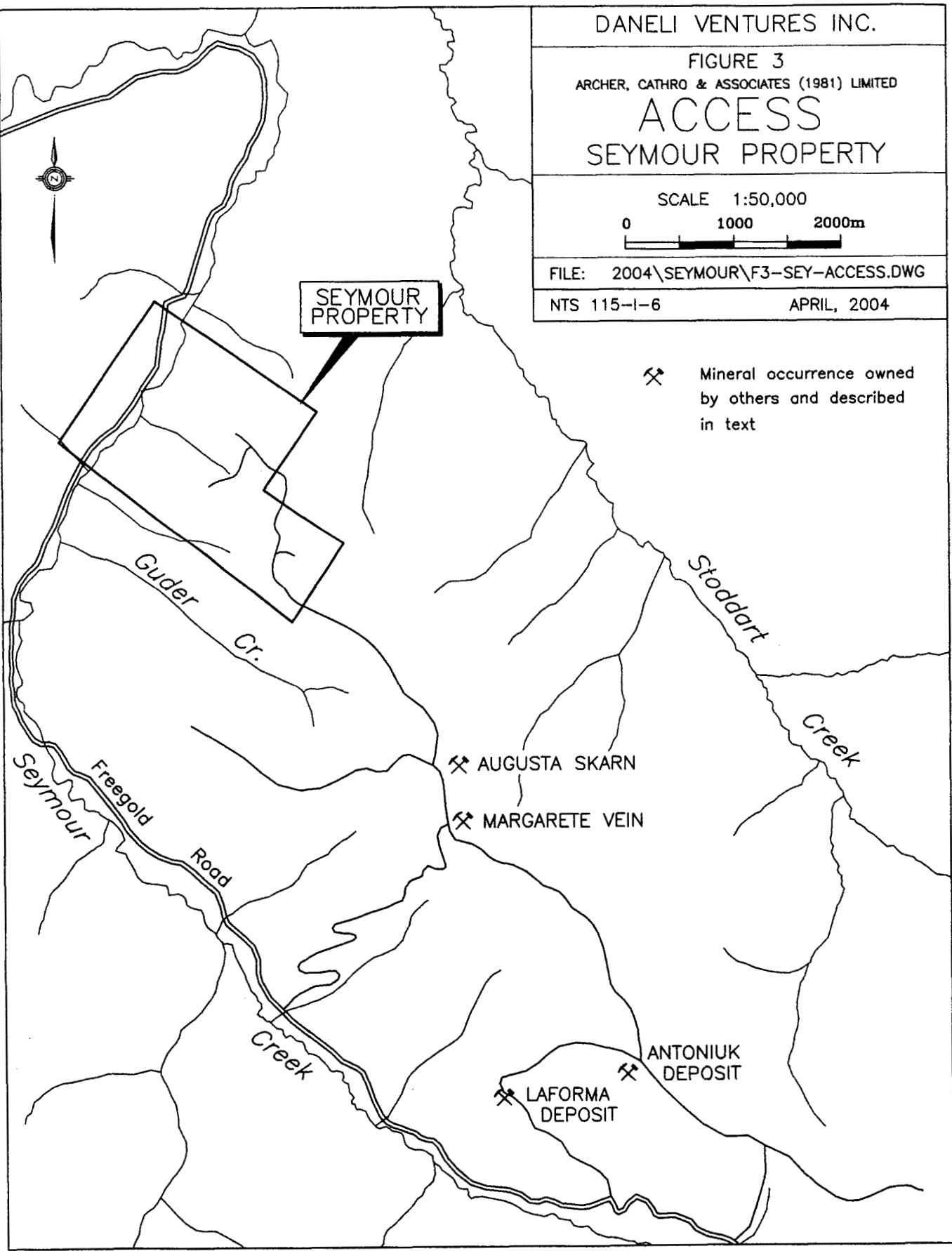
NTS 115-1-6

APRIL, 2004



SEYMOUR  
PROPERTY

⌘ Mineral occurrence owned  
by others and described  
in text



## HISTORY

Placer gold exploration has been conducted in the Freegold Mountain area intermittently since the early 1900's. Seymour Creek, the main drainage in the area, was extensively mined in the 1980's and 1990's with 2,232 oz of reported production (Placer Mining Section, 1985 and 1991; and Mining Inspection Division, 1998).

The first record of hard rock work in the area occurred in 1931 when the G3 Vein was staked at the Laforma Deposit (DIAND, 1995, 115I-54), 5 km southeast of the Seymour property (Figure 3). This prospect has been explored by a number of operators since the initial discovery. In 1964 a 113 tonne mill was constructed by Discovery Mines Limited which processed 8,653 tonnes during 1965-66 before closure due to poor recovery. In 1984 reserves at the Laforma Deposit were reportedly 181,440 tonnes grading 11.3 g/t gold.

During the past sixty years a number of other vein, skarn and stockwork gold occurrences have been identified on Freegold Mountain (Johnston, 1963). The most significant occurrences, aside from Laforma, are the Antoniuk Deposit (DIAND, 1995, 115I-111) hosting 4.2 million tonnes of stockwork mineralization grading 1.2 g/t gold; the Margarete Vein (DIAND, 1995, 115I-53) with a resource of 123,000 tonnes averaging 4.1 g/t gold and 48 g/t silver; and, the Augusta Skarn (DIAND, 1995, 115I-53) consisting of massive magnetite pods that yielded drill intersections up to 4.5 g/t gold and 46.3 g/t silver over 6 m.

The earliest reported work on what is now the Seymour property occurred in 1974 when Agillis Engineering Ltd. conducted geological mapping, soil sampling and magnetic surveys on behalf of Dynasty Exploration Limited. The soil sampling returned anomalous arsenic values in the range of 100 to 1000 ppm. The area was restaked in 1981 by Arctic Red Resources Ltd. and 1985 by Chevron Minerals Ltd., both of which conducted more soil sampling. These geochemical surveys outlined a series of linear gold-arsenic anomalies (Archer and Carne, 1981 and Eaton and Walls, 1986). Big Creek Joint Venture (Big Creek Resources Ltd. and Rexford Minerals Ltd.) optioned the property in 1987 and constructed roads that year and in 1988. Big Creek Resources purchased the claims from Chevron in 1990, explored by bulldozer trenching later that year and then optioned the claims to Rinsey Mines Ltd. which conducted more trenching in 1991.

ATAC restaked the area in 1999. It conducted minor prospecting, soil sampling and magnetic surveys later that year (Becker, 1999) and a short program of follow up prospecting in 2001 (Eaton, 2002a) and one day of hand trenching and prospecting in August 2002 (Eaton, 2002b).

## PHYSIOGRAPHY AND GEOMORPHOLOGY

The property lies within the Yukon Plateau physiographic terrane which consists of an old peneplane that has been deeply incised by dendritic drainages. The claims cover gentle to moderately steep, west facing slopes on a ridge extending northwest from Freegold Mountain. The western edge of the claim block is on the floor of Seymour Creek, which is a tributary of Big Creek and part of the Yukon River watershed. Local elevations range from 670 m along Seymour Creek to 1190 m on the ridge crest in the eastern part of the property.

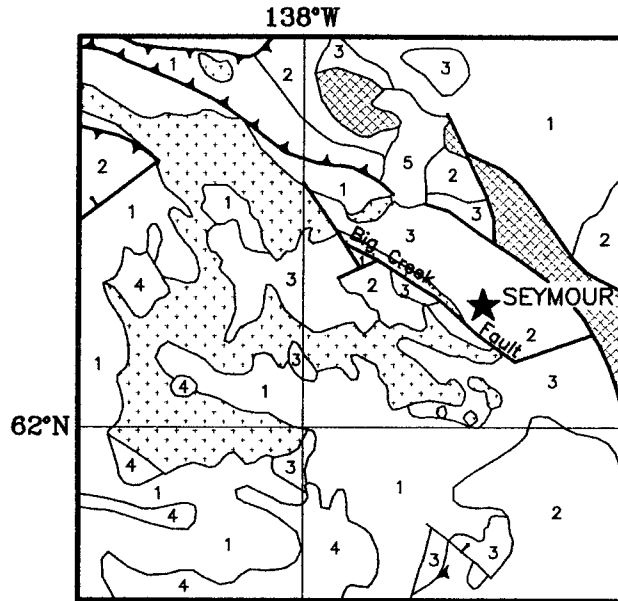
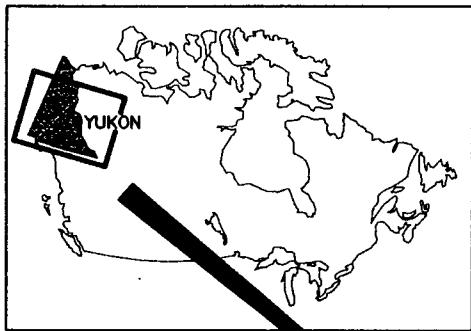
The Freegold Mountain area is located a few kilometres northwest of the limit of Pleistocene continental glaciation; as a result, bedrock is deeply weathered. Glaciofluvial outwash deposits are present at lower elevations but soils in other parts of the property are locally derived, except for a volcanic ash layer deposited by a 2000 year old eruption near the Alaska-Yukon border. Typical soil profiles consist of 10 to 30 cm of A horizon organics, 0 to 20 cm of volcanic ash and 10 to 30 cm of B horizon soil over 100 to 200 cm of C horizon decomposed bedrock. Permafrost is common.

The entire property is below tree line, which is at about 1200 m elsewhere in the Freegold Mountain area. Vegetation consists of mature black spruce and slide alder along Seymour Creek, giving way to stunted black spruce, buckbrush and thick moss on the hillsides.

## GEOLOGY

The Seymour property lies within a belt of metasedimentary and metavolcanic rocks believed to belong to the Yukon-Tanana Terrane. Regionally, the metamorphic rocks are extensively intruded by Jurassic to Tertiary igneous rocks of the Coast Plutonic Complex (Figure 4). The major structural feature in the area is the northwest-trending Big Creek Fault, a normal fault that is thought to form the southern flank of a graben related to Late Cretaceous or Tertiary extension (Carlson, 1987).

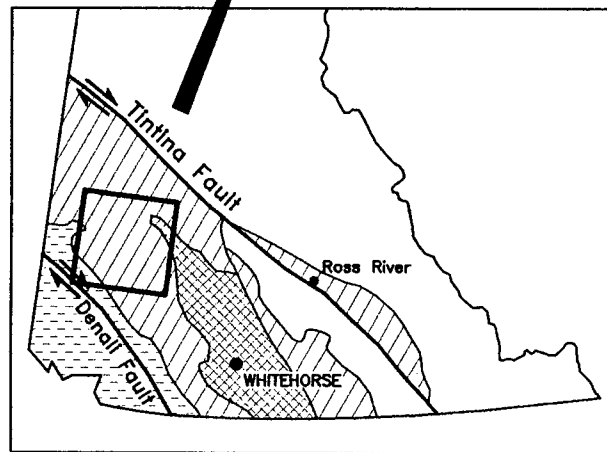
Property geology, shown on Figure 5, is inferred from scattered bedrock exposures and rock fragments observed in soil. The oldest rocks are quartz-feldspar-mica schist and lesser quartzofeldspathic gneiss of the Paleozoic or older Pelly Gneiss (Psn). These rocks occur as large rafts or roof pendants in younger plutons. Two phases of plutonic rocks are present in the immediate vicinity of the property, the Jurassic Big Creek Syenite (Jy) and the Mid-Cretaceous Casino Granodiorite (Kgd). The syenite is coarse grained and often porphyritic containing up to 3 cm long orthoclase and hornblende phenocrysts that occasionally display strong alignment. The granodiorite is typically equigranular and coarse grained with biotite as well as hornblende. All three of the above units are cut by light grey to cream weathering quartz porphyry and quartz-feldspar porphyry dykes (Kqfp). The dykes are up to 100 m wide, trend easterly and appear to dip steeply. Similar rocks collected elsewhere near the Big Creek Fault have returned Mid to Late Cretaceous dates.



- 5 Quaternary volcanic rocks
- 4 Tertiary intrusive rocks
- 3 Mid-Late Cretaceous volcanic rocks
- Mid-Late Cretaceous intrusive rocks
- 2 Jurassic and Triassic intrusions
- 1 Precambrian sedimentary rocks
- Intermontane Belt

SCALE 1:2,000,000  
 0 50  
 km

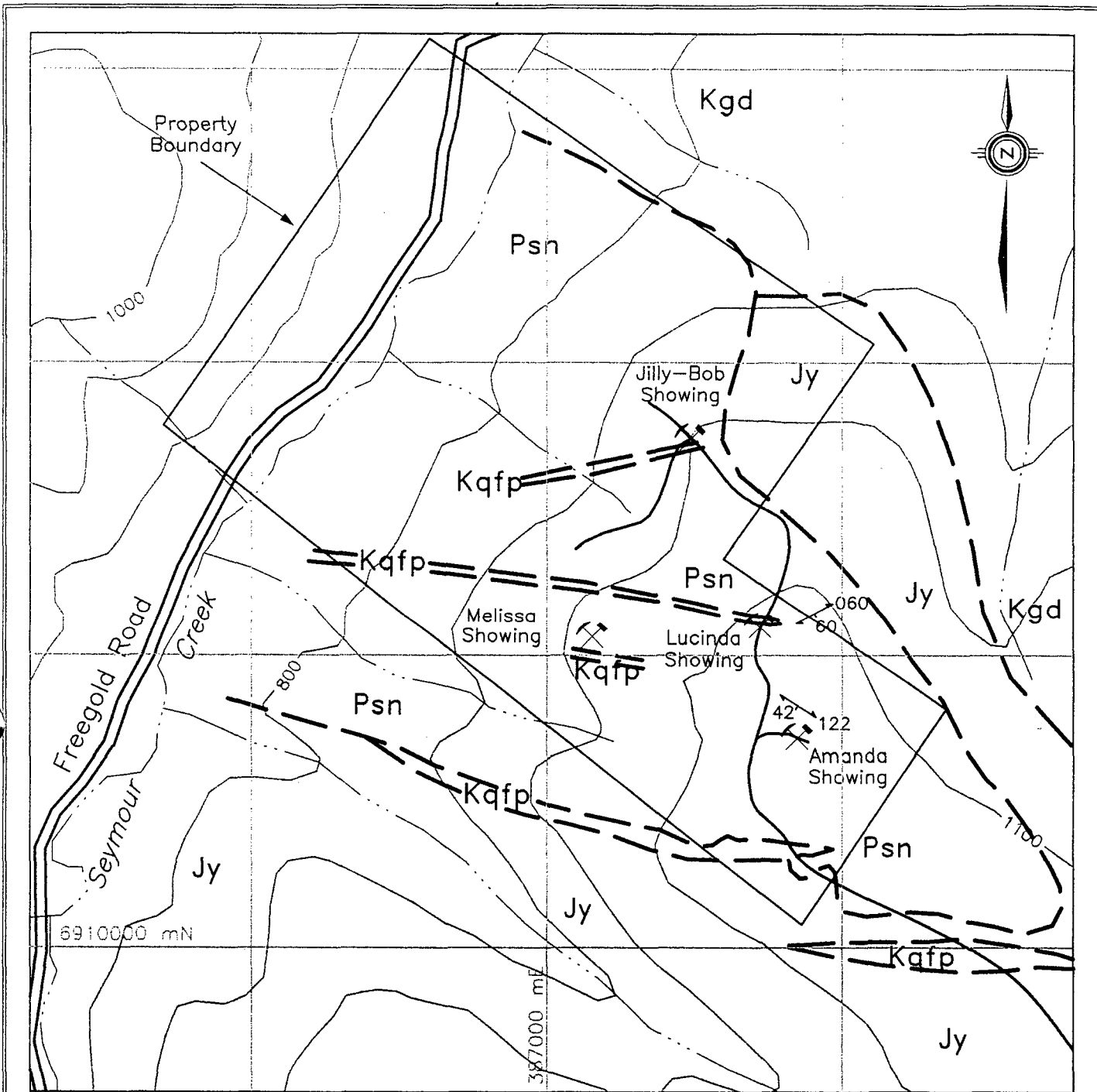
- Coastal and Insular Belts
- Intermontane Belt
- Yukon-Tanana Terrane and Slide Mountain Terrane
- Ancestral North America including Cassiar Terrane



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FIGURE 4  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
 REGIONAL GEOLOGY  
 SEYMOUR PROPERTY

FILE: 2004\SEYMOUR\F4-SEY-REGIONAL.DWG      DATE: APRIL, 2004



- Kqfp** Quartz-feldspar porphyry
- Kgd** Granodiorite
- Jy** Syenite
- Psn** Schist and gneiss
- Foliation, with strike and dip
- Outcrop
- Pre-1999 hand trench
- Pre-1999 bulldozer trench

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FIGURE 5  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**GEOLOGY**  
**SEYMOUR PROPERTY**

SCALE 1:20,000

0 200 400 600 800 1000m

FILE: 2004\SEYMOUR\GEO.DWG      DATE: APRIL, 2004

The exact location of the Big Creek Fault is uncertain in the vicinity of the property. Tempelman-Kluit (1974) shows it occupying a linear, west-northwesterly flowing drainage about 500 m south of the property while Carlson (1987) has it projecting up Seymour Creek about 1.5 km further to the south (this is the location illustrated on Figure 4). A second, parallel fault is believed to run up Stoddart Creek about 2 km north of the property. This structure probably forms the northern edge of Carlson's graben. No faults have been mapped on the property but this is likely due to poor exposure.

### MAGNETIC SURVEYS

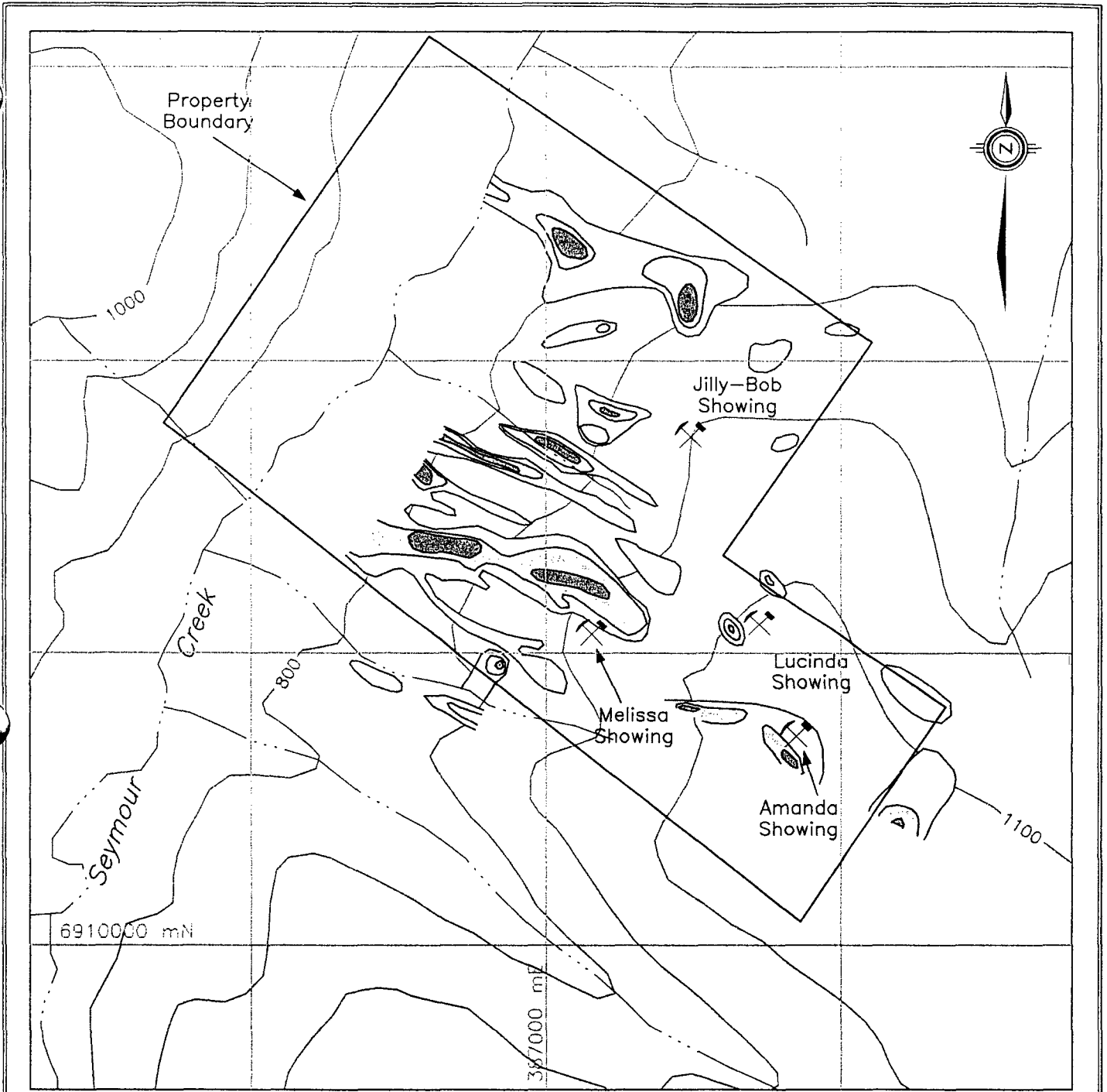
The Geological Survey of Canada contracted Canadian Aero Service Limited to conduct airborne magnetic surveys over the central Yukon between June 1964 and February 1966 (GSC, 1966). This work outlined a linear magnetic high extending from the peak of Freegold Mountain northwest through the Augusta Skarn to a prominent lobe in the east-central part of the Seymour property (Figure 5). A second, smaller and less intense zone of positive magnetic response was identified about 500 m to the north of the main anomaly.

In 1999 two reconnaissance ground magnetic lines were run in the vicinity of the airborne magnetic high (Lines A and B on Figure 5). Readings were taken at 10 m intervals along each line using a Barringer Research Limited GM-122 proton magnetometer (Becker, 1999). Anomalously high readings were obtained toward both ends of each line. The northeasterly anomaly features consistently elevated readings over a broad area approximately coinciding with the smaller of the airborne anomalies. The southwesterly anomaly comprises more intense but erratic readings indicating a series of small highly magnetic sources. Quartz-feldspar porphyry float was discovered in both areas. Although no magnetic rocks were found at the northeasterly anomaly, follow up work in 2001 located magnetite bearing skarn directly uphill along strike from the southwesterly anomaly.

### MINERALIZATION AND SOIL GEOCHEMISTRY

The locations of four mineral occurrences are shown on Figure 5 while contoured gold results from soil geochemical surveys are illustrated on Figure 6. The locations of 23 rock samples and three soil samples collected in 2003 are shown on Figure 7. All of the samples were sent to ALS Chemex Labs in North Vancouver where they were analyzed for gold by fire assay followed by atomic absorption and 34 other elements using the Induced Coupled Plasma technique. Certificates of Analysis appear in Appendix II while rock descriptions are in Appendix III.

Grid soil sampling was performed in 1981 and 1986. The 1981 sampling was done on 25 by 100 m centres over a 1 sq km area near the centre of the current property. The 1986 sampling covered most of the rest of the property at a sample density of 100 by 100 m. The baselines for the 1986 work were marked by 1 m wooden lath every 50 m and the sample locations were indicated by 0.5 lath bearing aluminum tags inscribed with the sample numbers and grid coordinates.



-   $\geq 100$  ppb gold
-   $\geq 50 < 100$  ppb gold
-   $\geq 25 < 50$  ppb gold
-  Gold occurrence

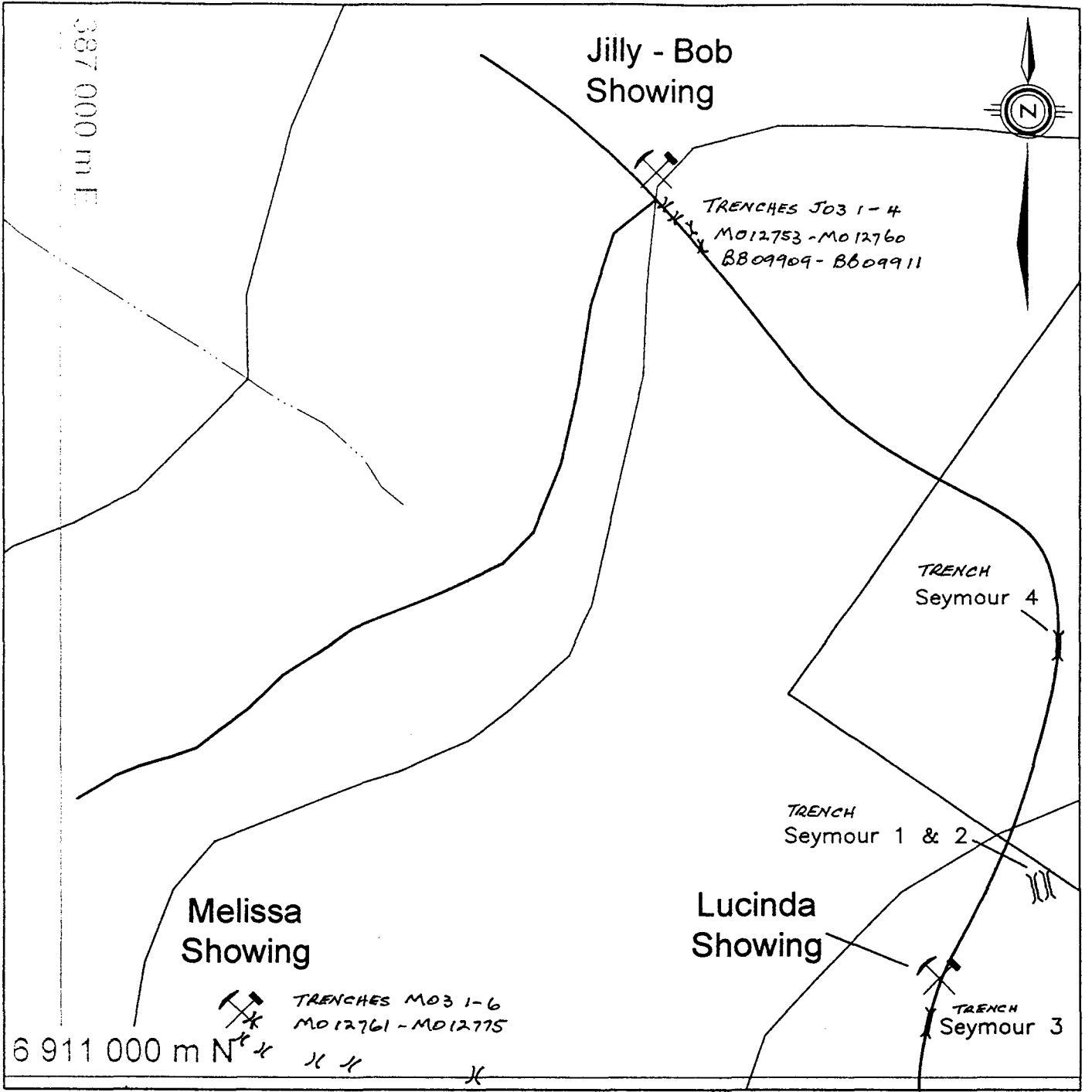
DANELI VENTURES INC.

FIGURE 6  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
 SOIL GEOCHEMISTRY  
 SEYMOUR PROPERTY


SCALE 1:20,000

0 200 400 600 800 1000m

FILE: 2004\SEYMOUR\GOLD.DWG
DATE: APRIL, 2004




 Seymour 3 Hand pit location

DANELI VENTURES INC.	
FIGURE 7 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED <b>SAMPLE LOCATION</b> <b>SAMPLE PROPERTY</b>	
SCALE 1:5000	
	
FILE: 2004\SEYMOUR\TRENCH.DWG	DATE: APRIL, 2004

Soil sampling has outlined a series of west-northwest trending anomalies. These anomalies approximately parallel the trend of major fault structures in the area and inferred orientation of quartz-feldspar porphyry dykes. They are also approximately perpendicular to topography which suggests that their shape may be in part controlled by downhill dispersion. In most areas there is sharp contrast between the anomalous results and surrounding background values. The stronger anomalies contain values exceeding 200 ppb gold with a peak value of 844 ppb. Arsenic anomalies (up to 2250 ppm) are closely associated with gold. The highest silver (up to 11 ppm) and lead (up to 282 ppm) values are clustered near the Lucinda and Amanda Showings. Copper and zinc results are relatively low.

Prospecting on the Seymour property is limited by the lack of bedrock exposure. Although most of the soil geochemical anomalies are unexplained, four showings have been discovered near anomalous values.

The **Melissa** Showing was found in 1986 when two specimens of limonitic schist and vein float collected from old hand trenches reportedly assayed 0.76 and 1.03 g/t gold, respectively. Hand pitting in 2003 exposed strongly limonitic, pitted white quartz boulders up to 30 cm in diameter. A composite chip sample from several of these boulders assayed 5.67 g/t gold and 52.8 g/t silver with >1% lead and arsenic (M012769).

The **Lucinda** Showing is located about 600 m to the east and was found in 1999. The discovery sample was taken from a 10 m diameter area of limonitic silicified metasedimentary rocks cut by narrow quartz veins. The sample consisted of chips taken from float found along a road cut. Rocks comprising the sample contained about 7% limonite-filled pits but no sulphides or magnetite. The sample assayed 5.2 g/t gold, 196 g/t silver, 3.68% lead, >1% arsenic, 182 ppm bismuth, 222 ppm antimony and 2650 ppm zinc.

The Lucinda Showing and surrounding area were more thoroughly prospected in 2001. Two types of mineralization were identified: quartz veins and skarns. Although several areas of mineralization were identified, all have limited size potential with widths not exceeding 50 cm. Four samples of limonitic quartz vein, collected from decomposed bedrock along the road cut, returned 460 to 2140 ppb gold, 1033 to 7580 ppm arsenic, 78 to 348 ppm antimony, 88.2 to 700 g/t silver and 0.73 to 8.17% lead. Samples of skarn and altered wallrock yielded lower but still anomalous values for the same metals.

In 2002 three hand pits that exposed mineralization in the Lucinda area were sampled. Seymour 1 and 2 are located about 4 m apart and tested a quartz vein exposed on a small hummock about 50 m east of the road cut. Chip samples (M012151 and 52) were taken over widths of 45 and 30 cm and yielded 730 and 310 ppb gold, 217 and 119 ppm silver, 2.02 and 1.63% lead, respectively. Seymour 3 was dug along the road cut and exposed a 40 cm wide skarn band containing pods of light to medium brown limonite boxwork. Sample M012162 was collected across the width of the skarn. It returned 70 ppb gold, 24.1 ppm silver and 3310 ppm lead.

The **Amanda** Showing comprises veins and skarns exposed in old bulldozer trenches and road cuts about 200 to 400 m southeast of the Lucinda Showing. Samples from this area returned anomalous values for the usual suite of elements, but the values are somewhat lower than those taken within the Lucinda Showing.

The **Jilly-Bob** Showing was discovered in 2002. It is located along the road some 800 m north-northwest of the Lucinda Showing. It lies adjacent to a porphyry dyke within the smaller of the two aeromagnetic highs and uphill from a gold soil anomaly. A 2002 sample (M012159), consisting of about twenty, 2 cm in diameter fragments of drusy, pitted quartz float was collected over a 30 m length along the road. It assayed 2380 ppb gold, 2374 ppm silver, 7610 ppm lead, 2900 ppm bismuth and 490 ppm antimony. A soil sample taken directly uphill from the float train returned near background gold (25 ppb) but strongly anomalous silver (7.6 ppm). There is no outcrop in the immediate vicinity of this showing. Wallrock float occurring with the mineralized quartz is highly decomposed with few fragments exceeding 1 cm in diameter. Hand trenching in 2003 exposed a 47 cm wide vein structure containing broken quartz fragments and clay gouge with rare pods of galena and variously coloured limonite. A 35 cm chip across the core of the vein assayed 1.57 g/t gold and 19.1 ppm silver (M12756). A specimen from a 6 cm diameter pod of anglesite coated galena assayed 13.25 g/t gold, 1175 ppm silver, >10,000 ppm lead, 6280 ppm copper, >10,000 arsenic and 2200 ppm antimony. A sample across a 1.5 cm thick band of green stained quartz returned 22.5 g/t gold, 104 ppm silver, 4550 ppm lead, 1295 ppm copper and >10,000 ppm arsenic.

### CONCLUSIONS

The Seymour property is favourably located within the Freegold Mountain portion of the Tintina Gold Belt. It features a number of large, moderate to strong gold and arsenic soil geochemical anomalies plus four gold-silver showings. None of the targets has been effectively tested by mechanized trenching and no drilling has been done on the property. The rocks associated with the anomalies and showings are similar in age and lithology to those which host deposits elsewhere in the Tintina Gold Belt.

Further work is definitely warranted on this prospect. The next stage of exploration should consist of excavator trenching to test the Melissa, Jilly-Bob and Lucinda Showings.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



W. Douglas Eaton, B.Sc. Geology  
By his Attorney-in-Fact  
Joan Mariacher

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Placer Mining Section

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Open File 200

**APPENDIX I**

**AUTHOR'S STATEMENT OF QUALIFICATIONS**

## STATEMENT OF QUALIFICATIONS

I, W. Douglas Eaton, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in North Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 1980 with a B.Sc. majoring in Geological Sciences.
2. From 1971 to present, I have been actively engaged in mineral exploration in British Columbia and Yukon Territory and on June 1, 1981, became a partner in Archer, Cathro & Associates (1981) Limited.
3. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.



W. Douglas Eaton, B.Sc. Geology  
By his Attorney-in-Fact  
Joan Mariacher

**APPENDIX II**  
**CERTIFICATES OF ANALYSIS**



# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218



ARCHER CATHRO AND ASSOCIATES (1981) LTD.

1016-510 W HASTINGS ST

VANCOUVER BC V6B 1L8



Page # : 1

27-Nov-2003

Account: F

## CERTIFICATE VA03048135

Project : Seymour

P.O. No:

This report is for 23 PULP samples submitted to our lab in Vancouver, BC, Canada on 13-Nov-2003.

The following have access to data associated with this certificate:

AL ARCHER  
JOAN MARIACHER

ROB CARNE  
BILL WENZYNOWSKI

DOUG EATON

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM

To: ARCHER CATHRO AND ASSOCIATES (1981) LTD.  
1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



# ALS Chemex

**EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.  
212 Brooksbank Avenue  
North Vancouver BC V7J 2C1 Canada  
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1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

Page # : 2 - A  
Total # of pages : 2 (A)  
Date : 27-Nov-2003  
Account: F

Project : Seymour

## CERTIFICATE OF ANALYSIS VA03048135

Sample Description	Method Analyte Units LOR	Au-AA24	Au-AA24	Au-GRA22
		Au ppm 0.005	Au Check ppm 0.005	Au ppm 0.05
M 12755		1.585		
M 12759		>10.0		10.85
M 12764		0.122		
M 12769		6.81	6.71	
M 12774		0.026		



# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue  
North Vancouver BC V7J 2C1 Canada  
Phone: 604 984 0221 Fax: 604 984 0218

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1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

Page #: 1  
8-Sep-2003  
Account: F

## CERTIFICATE VA03033022

Project : Seymour

P.O. No:

This report is for 3 SOIL samples submitted to our lab in North Vancouver, BC, Canada on 30-Aug-2003.

The following have access to data associated with this certificate:

AL ARCHER  
JOAN MARIACHER  
BILL WENGZYNOWSKI

ROB CARNE  
DANIEL STEUNENBERG

DOUG EATON  
ELI STRATULAT

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES

To: ARCHER CATHRO AND ASSOCIATES (1981) LTD.  
ATTN: AL ARCHER  
1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

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Signature:



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Project: Seymour

## CERTIFICATE OF ANALYSIS VA03033022

Method Analyte Units LOR	WEI-21 Recvd Wt kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
<b>Sample Description</b>	<b>0.02</b>	<b>0.005</b>	<b>0.2</b>	<b>0.01</b>	<b>2</b>	<b>10</b>	<b>10</b>	<b>0.5</b>	<b>2</b>	<b>0.01</b>	<b>0.5</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0.01</b>
BB09909	0.30	<0.005	0.5	0.90	48	<10	170	1.1	<2	0.31	<0.5	35	13	21	5.80
BB09910	0.30	0.250	27.3	1.46	544	<10	230	0.9	55	0.31	2.1	45	15	455	6.78
BB09911	0.34	0.107	8.8	2.43	792	<10	180	0.8	12	0.29	2.8	30	19	281	6.61



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Project: Seymour

**CERTIFICATE OF ANALYSIS VA03033022**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
BB09909		<10	<1	0.16	40	0.23	498	1	<0.01	12	810	23	0.03	6	12	11
BB09910		<10	<1	0.23	30	0.55	793	2	0.02	14	800	252	0.14	22	12	33
BB09911		10	<1	0.23	20	0.77	612	3	0.02	16	570	164	0.15	15	8	40



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Account: F

Project: Seymour

## CERTIFICATE OF ANALYSIS VA03033022

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Tl	Tl	U	V	W	Zn
		%	ppm	ppm	ppm	ppm	ppm
		0.01	10	10	1	10	2
BB09909		0.01	<10	<10	63	<10	113
BB09910		0.02	<10	<10	76	<10	385
BB09911		0.04	<10	<10	86	<10	552



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Page # : 1

Date: 22-Sep-2003

Account: F

## CERTIFICATE VA03032880

Project : Seymour

P.O. No:

This report is for 23 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 29-Aug-2003.

The following have access to data associated with this certificate:

AL ARCHER  
JOAN MARIACHER  
BILL WENGZYNOWSKI

ROB CARNE  
DANIEL STEUNENBERG

DOUG EATON  
ELI STRATULAT

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA46	Ore grade Ag - aqua regia/AA	AAS
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES

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## CERTIFICATE OF ANALYSIS VA03032880

Sample Description	Method Analyte Units LOR	Au-AA24	ME-ICP41	Au-GRA22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Au ppm 0.005	Ag ppm 0.2	Au ppm 0.05	Al % 0.01	As ppm 2	B ppm 10	Ba ppm 10	Be ppm 0.5	Bi ppm 2	Ca % 0.01	Cd ppm 0.5	Co ppm 1	Cr ppm 1	Cu ppm 1	Fe % 0.01
M 12753		0.079	2.3		0.25	1405	<10	80	<0.5	2	0.09	14.7	10	5	147	2.93
M 12754		0.134	11.6		0.07	2360	<10	70	<0.5	7	0.07	11.2	13	6	144	2.85
M 12755		1.570	19.1		0.11	9310	<10	150	<0.5	12	0.16	7.7	9	3	143	3.51
M 12756		0.011	5.5		1.02	154	<10	110	<0.5	8	0.13	4.0	37	6	316	4.38
M 12757		0.318	>100		0.07	598	<10	50	<0.5	57	0.02	1.4	7	6	94	1.11
M 12758		0.396	29.9		0.08	8120	<10	170	<0.5	17	0.10	4.1	8	4	125	3.01
M 12759		>10.0	>100	13.25	0.16	>10000	<10	70	<0.5	130	0.03	46.9	8	2	6280	6.80
M 12760		>10.0	>100	22.5	0.11	>10000	10	280	<0.5	86	0.27	17.5	9	3	1295	11.15
M 12761		0.168	14.4		0.24	1640	<10	410	<0.5	6	0.03	9.1	3	15	119	3.23
M 12762		0.761	7.4		0.24	6640	<10	750	<0.5	3	0.03	11.5	1	9	65	2.25
M 12763		0.347	13.1		0.12	971	<10	450	<0.5	<2	0.01	2.3	<1	6	53	1.37
M 12764		0.102	20.1		0.18	1620	<10	340	<0.5	2	0.02	6.7	1	5	96	2.22
M 12765		0.065	6.5		0.27	1250	<10	1090	<0.5	2	1.45	8.0	1	23	101	2.30
M 12766		0.521	9.2		0.12	5490	<10	1400	<0.5	5	0.12	8.4	4	15	82	4.09
M 12767		0.040	3.1		0.12	1205	<10	690	<0.5	<2	0.09	2.9	3	12	113	3.67
M 12768		0.109	2.8		0.05	3030	<10	1500	<0.5	3	0.04	4.0	1	22	35	1.08
M 12769		5.67	52.8		0.11	>10000	10	1480	<0.5	38	0.04	13.8	2	14	70	8.98
M 12770		0.942	18.2		0.08	>10000	<10	1120	<0.5	19	0.03	13.6	1	20	39	4.78
M 12771		0.093	1.0		0.08	910	<10	1340	<0.5	<2	0.21	2.9	4	15	53	0.84
M 12772		0.020	1.4		0.07	421	<10	200	<0.5	<2	0.08	1.4	2	26	67	0.72
M 12773		0.019	0.6		0.30	1670	<10	230	1.1	<2	0.04	34.1	5	10	59	3.54
M 12774		0.021	0.9		1.65	1075	<10	190	0.9	<2	0.51	21.4	22	49	34	3.94
M 12775		0.032	<0.2		0.06	705	<10	390	<0.5	<2	0.02	<0.5	<1	3	7	0.10



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## CERTIFICATE OF ANALYSIS VA03032880

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
M 12753		<10	1	0.12	10	0.08	178	<1	0.06	1	180	122	0.30	9	1	43
M 12754		<10	<1	0.21	<10	0.01	144	1	0.07	1	130	374	0.50	42	<1	71
M 12755		<10	<1	0.40	10	0.02	107	1	0.03	<1	260	956	0.80	59	1	104
M 12756		<10	<1	0.15	10	0.51	842	1	0.03	4	520	53	0.16	6	4	17
M 12757		<10	<1	0.06	<10	0.01	36	<1	0.01	1	90	567	0.10	76	<1	17
M 12758		<10	<1	0.43	<10	0.01	117	1	0.02	<1	290	1415	0.80	30	1	75
M 12759		<10	1	0.10	<10	<0.01	45	2	0.02	<1	270	>10000	4.76	2200	1	108
M 12760		<10	<1	0.30	<10	0.01	268	2	0.01	<1	880	4650	0.67	373	6	152
M 12761		<10	<1	0.07	<10	0.01	89	5	<0.01	16	650	2870	0.15	103	1	23
M 12762		<10	<1	0.21	10	0.01	137	9	<0.01	6	430	378	0.33	46	2	23
M 12763		<10	<1	0.13	10	0.01	43	2	<0.01	2	230	2640	0.19	28	<1	21
M 12764		<10	1	0.16	10	0.01	51	10	<0.01	4	390	3340	0.20	41	1	42
M 12765		<10	<1	0.08	10	0.02	100	7	<0.01	35	9170	1410	0.07	65	2	63
M 12766		<10	<1	0.06	<10	0.01	533	4	<0.01	19	800	395	0.09	139	1	49
M 12767		<10	<1	0.09	<10	0.01	321	3	<0.01	22	1540	386	0.12	65	1	48
M 12768		<10	<1	0.03	<10	0.01	152	2	<0.01	9	340	100	0.07	52	1	15
M 12769		<10	<1	0.07	<10	0.01	141	15	0.01	11	1680	>10000	0.26	1325	1	67
M 12770		<10	<1	0.12	<10	<0.01	72	14	<0.01	4	1760	1840	0.23	243	2	65
M 12771		<10	<1	0.03	<10	0.01	218	3	<0.01	27	1150	183	0.04	41	1	12
M 12772		<10	<1	0.02	<10	<0.01	98	5	<0.01	7	460	93	0.02	10	<1	8
M 12773		<10	<1	0.14	20	0.07	317	6	0.02	15	390	133	0.21	68	3	23
M 12774		<10	<1	0.45	30	0.71	2640	2	0.08	32	950	160	0.02	28	5	37
M 12775		<10	<1	0.03	<10	0.01	19	<1	<0.01	<1	70	13	0.02	4	<1	4



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Project : Seymour

<b>CERTIFICATE OF ANALYSIS</b>	<b>VA03032880</b>
--------------------------------	-------------------

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-AA46	Pb-AA46
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm	Ag ppm	Pb %
		0.01	10	10	1	10	2	1	0.01
M 12753		<0.01	<10	<10	7	<10	519		
M 12754		<0.01	<10	<10	1	<10	329		
M 12755		<0.01	<10	<10	1	<10	237		
M 12756		0.01	<10	<10	43	<10	902		
M 12757		<0.01	<10	<10	2	<10	78	203	
M 12758		<0.01	<10	<10	<1	<10	125		
M 12759		<0.01	<10	10	<1	<10	1705	1175	>30.0
M 12760		0.01	<10	<10	<1	<10	579	140	
M 12761		<0.01	<10	<10	34	<10	570		
M 12762		<0.01	<10	<10	5	<10	251		
M 12763		<0.01	<10	<10	3	<10	85		
M 12764		<0.01	<10	<10	7	<10	252		
M 12765		<0.01	<10	<10	99	<10	744		
M 12766		<0.01	<10	<10	31	<10	692		
M 12767		<0.01	<10	<10	42	<10	569		
M 12768		<0.01	<10	<10	13	<10	176		
M 12769		<0.01	<10	<10	31	<10	478		1.05
M 12770		<0.01	<10	<10	27	<10	241		
M 12771		<0.01	<10	<10	32	<10	229		
M 12772		<0.01	<10	<10	5	<10	150		
M 12773		<0.01	<10	<10	26	<10	346		
M 12774		0.05	<10	<10	45	<10	1915		
M 12775		<0.01	<10	<10	<1	<10	24		

**APPENDIX III**  
**ROCK DESCRIPTIONS**

## Rock Sample Descriptions

Project: SEYMOUR Property: SEYMOUR

Page 1 of 4

Sample Number: MO12753  
 Grid North: N Grid East: E Type: CHANNEL Dimension: \_\_\_\_\_  
 UTM: N UTM: E Sample Width: 10cm Abundance: \_\_\_\_\_  
 Elevation: m \_\_\_\_\_  
 Comments: Jilly Bob Zone : J03-4 - 0-10cm footwall at bottom of pit - bleached and silicified?  
 schist - matrix altered to limonite - no residual magnetite - fractures up to 1mm filled with dark brown limonite

Sample Number: MO12754  
 Grid North: N Grid East: E Type: CHANNEL Dimension: \_\_\_\_\_  
 UTM: N UTM: E Sample Width: 12cm Abundance: \_\_\_\_\_  
 Elevation: m \_\_\_\_\_  
 Comments: Jilly Bob Zone : J03-4 - 10-22cm pitted, strongly silicified wallrock with abundant light grey  
 + tan quartz veining.

Sample Number: MO12755  
 Grid North: N Grid East: E Type: CHANNEL Dimension: \_\_\_\_\_  
 UTM: N UTM: E Sample Width: 35cm Abundance: \_\_\_\_\_  
 Elevation: m \_\_\_\_\_  
 Comments: Jilly-Bob Zone : J03-4 - 22-57cm yellow to white limonite and clay bands with vein quartz  
 fragments up to 2cm across plus strongly quartz veined wallrock - pits mostly open with yellow to brown rims of limonite.

Sample Number: MO12756  
 Grid North: N Grid East: E Type: CHANNEL Dimension: \_\_\_\_\_  
 UTM: N UTM: E Sample Width: 30cm Abundance: \_\_\_\_\_  
 Elevation: m \_\_\_\_\_  
 Comments: Jilly-Bob Zone : J03-4 - 57cm-87cm hanging wallrock grade from material like that in MO12753  
 to fresh magnetic dark green skarn. Contact ~ 065/55 SE

Sample Number: MO12757  
 Grid North: N Grid East: E Type: CHIP FLOAT Dimension: \_\_\_\_\_  
 UTM: N UTM: E Sample Width: Abundance: \_\_\_\_\_  
 Elevation: m \_\_\_\_\_  
 Comments: Jilly-Bob Zone : J03-1+4 specimens of coarse euhedral glass to milky quartz with little  
 limonite. Common at surface and in upper part of trenches but none in chip sample section.

Sample Number: MO12758  
 Grid North: N Grid East: E Type: CHIP FLOAT Dimension: \_\_\_\_\_  
 UTM: N UTM: E Sample Width: Abundance: \_\_\_\_\_  
 Elevation: m \_\_\_\_\_  
 Comments: Jilly-Bob Zone : J03-1+4 specimens of strongly pitted qtz vein and altered wallrocks with  
 abundant quartz stringers. Pits mostly open but rimmed with yellow to dark brown limonite - minor bright yellow likely after arsenic  
 bismuth or lead. Most pits less than 1mm across.

## Rock Sample Descriptions

Project: SEYMOUR Property: SEYMOUR

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Sample Number: MO12759  
 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: Chips Dimension: \_\_\_\_\_  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: \_\_\_\_\_  
 Elevation: \_\_\_\_\_ m

Comments: Jilly-Bob Zone JO3-4 - 8 cm diameter pod of galena with angleite or covellite coating, minor malachite, galena ranges from cubic to fine euhedral. Came from north wall of pit - not represented in the chip section.

Sample Number: MO12760  
 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: Chips Dimension: \_\_\_\_\_  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: \_\_\_\_\_  
 Elevation: \_\_\_\_\_ m

Comments: Jilly-Bob Zone JO3-4 - green stained quartz or chlorite plus black mineral in 1.5 cm quartz band cutting altered wallrock. Scattered throughout vein but none of this material included in chip section.

Sample Number: MO12761  
 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: Vein float Dimension: 27x15x15 cm  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: \_\_\_\_\_  
 Elevation: \_\_\_\_\_ m

Comments: Melissa Zone MO3-6 - vein light grey + dark grey quartz with minor graphite schist fragments abundant drusy cavities with fine clear quartz crystals, pits rimmed with yellow to brown limonite and limonite fractures.

Sample Number: MO12762  
 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: Vein float Dimension: 20x12x10 cm  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: \_\_\_\_\_  
 Elevation: \_\_\_\_\_ m

Comments: Melissa Zone MO3-6 - vein similar to MO12761 but more strongly pitted and limonitized

Sample Number: MO12763  
 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: Vein float Dimension: 25x15x12 cm  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: \_\_\_\_\_  
 Elevation: \_\_\_\_\_ m

Comments: Melissa Zone MO3-6 - vein similar to MO12761 but white to light grey quartz only

Sample Number: MO12764  
 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: chip float Dimension: \_\_\_\_\_  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: \_\_\_\_\_  
 Elevation: \_\_\_\_\_ m

Comments: Melissa Zone MO3-6 weakly to strongly fractured and weakly to moderately pitted feldspar porphyry. Some fractures up to 2mm wide filled with dark brown limonite. Most fractures and pits filled with medium brown limonite. approximately 20 chips

## Rock Sample Descriptions

Project: SEYMOUR Property: SEYMOUR

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Sample Number: M012765  
 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: float - chip Dimension: \_\_\_\_\_  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: \_\_\_\_\_  
 Elevation: \_\_\_\_\_ m

Comments: Melisa Zone M03-6 - ~~seven~~ <sup>ten chips</sup> of weak to moderately fractured biotite and graphite schist with yellow to dark brown limonite on a stockwork of hairline to 1mm fractures. Occasional drusy quartz veins up to 2mm across. about 15 chips.

Sample Number: M012766  
 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: float - chip Dimension: \_\_\_\_\_  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: \_\_\_\_\_  
 Elevation: \_\_\_\_\_ m

Comments: Melisa Zone M03-5 seven chips fractured biotite schist with mossy medium brown limonite.

Sample Number: M012767  
 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: SPECIMEN Dimension: 15 x 12 x 10cm  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: \_\_\_\_\_  
 Elevation: \_\_\_\_\_ m

Comments: Melisa Zone M03-8 bleached schist vein breccia: dark gray quartz with abundant pits cemented bleached schist fragments up to 2cm diameters.

Sample Number: M012768  
 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: float - chip Dimension: \_\_\_\_\_  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: \_\_\_\_\_  
 Elevation: \_\_\_\_\_ m

Comments: Melisa Zone M03-4 12 chips of massive white quartz with hairline limonite fractures and traces of pyrite and a black mineral.

Sample Number: M012769  
 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: float - chip Dimension: \_\_\_\_\_  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: \_\_\_\_\_  
 Elevation: \_\_\_\_\_ m

Comments: Melisa Zone M03-4 10 chips of strongly limonitized and intensely pitted quartz vein. Boulders up to 40 x 30 x 20 cm in trench. Limonite bright yellow to dark brown. Three generations of quartz - white, dark gray and gray-green chalcedony.

Sample Number: M012770  
 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: float - chip Dimension: \_\_\_\_\_  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: \_\_\_\_\_  
 Elevation: \_\_\_\_\_ m

Comments: Melisa Zone M03-4 brecciated schist cemented by dark gray quartz with fine rusty pits. Probably edge of vein. 3 large chips

## Rock Sample Descriptions

Project: SEYMOUR Property: SEYMOUR

Page 4 of 4

Sample Number: MO12771  
 Grid North: N Grid East: E Type: Chip-Float Dimension: \_\_\_\_\_  
 UTM: N UTM: E Sample Width: Abundance: \_\_\_\_\_  
 Elevation: m  
 Comments: Melisa Zone M03-4 20 chips quartz-biotite schist with medium to dark brown limonite on hairline fractures. Breaks to about 2cm diameter fragments with rusty exteriors.

Sample Number: MO12772  
 Grid North: N Grid East: E Type: Chip-Float Dimension: \_\_\_\_\_  
 UTM: N UTM: E Sample Width: Abundance: \_\_\_\_\_  
 Elevation: m  
 Comments: Melisa Zone M03-3 Massive white quartz with thin black bands and whips - graphite? may be metamorphosed quartzite and/or metamorphic sweets. 10 chips

Sample Number: MO12773  
 Grid North: N Grid East: E Type: Chip-Float Dimension: \_\_\_\_\_  
 UTM: N UTM: E Sample Width: Abundance: \_\_\_\_\_  
 Elevation: m  
 Comments: Melisa Zone M03-2 20 chips of mixed rusty schist, white banded quartz, minor feldspar porphyry and rare vein quartz with limonite.

Sample Number: MO12774  
 Grid North: N Grid East: E Type: Chip-Float Dimension: \_\_\_\_\_  
 UTM: N UTM: E Sample Width: Abundance: \_\_\_\_\_  
 Elevation: m  
 Comments: Melisa Zone M03-1 rusty schist with minor white quartz veins and rare massive quartz veins up to 10cm diameter - schist is quartz-chlorite to quartzite schist contains traces of fine pyrite. Massive quartz is white with hairline limonite fractures

Sample Number: MO12775  
 Grid North: N Grid East: E Type: Specimens Dimension: \_\_\_\_\_  
 UTM: N UTM: E Sample Width: Abundance: \_\_\_\_\_  
 Elevation: m  
 Comments: Melisa Zone - 0/10m downhill to west of M03-1 massive white quartz from an outcrop 1m wide located ~ 10m down from trench.

Sample Number: \_\_\_\_\_  
 Grid North: N Grid East: E Type: \_\_\_\_\_ Dimension: \_\_\_\_\_  
 UTM: N UTM: E Sample Width: Abundance: \_\_\_\_\_  
 Elevation: m  
 Comments: \_\_\_\_\_

QW27659

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
1016 – 510 West Hastings Street  
Vancouver, B.C. V6B 1L8

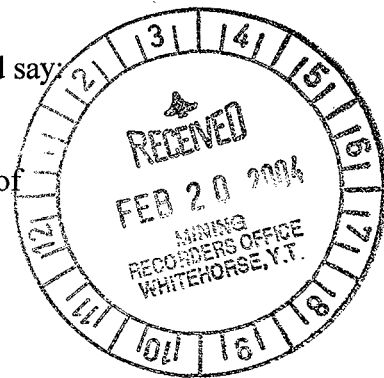
Telephone: 604-688-2568

Fax: 604-688-2578

AFFIDAVIT

I, Joan Mariacher, of Vancouver, B.C. make oath and say:

That to the best of my knowledge the attached Statement of  
Expenditures for exploration work on the Sey 1-20  
mineral claims on Claim Sheet 1151/6 is accurate.



*Joan Mariacher*  
Joan Mariacher

Sworn before me at Vancouver, B.C.

this 19th day of February, 2004

*C. R. G.*  
Notary Public, Yukon Territory

Statement of Expenditures  
Sey 1-20 Mineral Claims  
February 18, 2004

Labour

D. Eaton – geologist – August 21, 22, 25, 26 – 4 days at \$480/day	\$2,054.40
G. Downs – field assistant – August 21-26 – 6 days at \$288/day	1,848.96
D. Turner – geologist – August 21-26 – 6 days at \$288/day	<u>1,848.96</u>
	5,752.32

Expenses

Field room and board – 23 mandays at \$115/day	2,830.15
ALS Chemex Labs	<u>711.49</u>
	3,541.64
	<u>\$9,293.96</u>

In Account With

QW27659

Project  
Date

SEYMOUR PROJECT  
JULY - SEPTEMBER 30, 2003

LABOUR  
Field

D. EATON - 37 HR AT 60/HR	2220.00	
E. DOWNS - 6 DAYS AT 788/DAY	1778.00	
D. TURNER - 6 DAYS AT 788/DAY	1778.00	

Accounting and Expediting J. Mariacher -	1/4 hrs at \$ 55/hr JULY	13.75	
	13/14	96.75	5786.00

OTHER SERVICES

Room & Board in Whitehorse	3 days at \$90/day	270.00	
Field equipment from AC stock	94.70 + 2x MANSBANK AT 20/DAY = 440.	534.70	
Printing	Photocopies SD + 4 @ .15	8.10	
Rentals from AC AUG 21-26	2 GAS AT 15.93/DAY + SAT PHONE AT JOANNT		
SBX 11 AT 10/DAY		331.98	1144.78

EXPENSES

Petty Cash	31.31	31.31	
Telephone	1.90	1.90	
ALIS CHEMEX		598.32	
CALMARKS HOTEL		44.30	
MACHILLON RENTALS		97.36	
JOAN M XENGE		33.53	
NORCAN LEASING		225.81	1030.53

MANAGEMENT 6% on Expenses on Field A/C	61.83	0	61.83
			8023.14

GST (R100247887) 7% on 8023.14			561.62
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E=GST exempt

8584.76



**ALS Chemex**  
**EXCELLENCE IN ANALYTICAL CHEMISTRY**  
 ALS Canada Ltd.  
 212 Brooksbank Avenue  
 North Vancouver BC V7J 2C1 Canada  
 Phone: 604 984 0221 Fax: 604 984 0218

To: ARCHER CATHRO AND ASSOCIATES (1981) LTD.  
 1016-510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

**INVOICE NUMBER: 1043079**

BILLING INFORMATION	
Certificate:	<b>VA03033022</b>
Account:	<b>F</b>
Date :	<b>08-Sep-2003</b>
Project :	Seymour <i>W</i>
P.O. No.:	
Quote:	
Terms:	<b>Net 30 Days</b> C0
Comments:	

ANALYSED FOR			UNIT	TOTAL
QUANTITY	CODE	DESCRIPTION	PRICE	
1	BAT-01	Administration Fee	22.50	22.50
3	PREP-41	Dry, Sieve (180 um) Soil	1.88	5.64
0.94	PREP-41	Wt. Charge (kg) - Dry, Sieve (180 um) Soil	0.56	0.53
3	Au-AA24	Au 50g FA AA finish	10.13	30.39
3	ME-ICP41	34 Element Aqua Regia ICP-AES	4.13	12.39
3	GEO-AR01	Aqua regia digestion	1.88	5.64

SUBTOTAL (CAD) \$ 77.09

GST R100938885 \$ 5.40

**TOTAL PAYABLE (CAD) \$ 82.49**

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**INVOICE NUMBER: 1043535**

BILLING INFORMATION	
Certificate:	<b>VA03032880</b>
Account:	<b>F</b>
Date :	<b>09-Sep-2003</b>
Project :	Seymour <i>W</i>
P.O. No.:	
Quote:	
Terms:	<b>Net 30 Days</b> <span style="float: right;">C0</span>
Comments:	

ANALYSED FOR			UNIT	TOTAL
QUANTITY	CODE	DESCRIPTION	PRICE	
23	PREP-31	Crush, Split, Pulverize	4.50	103.50
23	Au-AA24	Au 50g FA AA finish	10.13	232.99
23	ME-ICP41	34 Element Aqua Regia ICP-AES	4.13	94.99
23	GEO-AR01	Aqua regia digestion	1.88	43.24
3	Ag-AA46	Ore grade Ag - aqua regia/AA	2.25	6.75
4	ASY-AR01	Assay Aqua Regia Digestion	3.00	12.00
2	Pb-AA46	Ore grade Pb - aqua regia/AA	2.25	4.50
2	Au-GRA22	Au 50 g FA-GRAV finish	11.63	23.26

SUBTOTAL (CAD) \$ 521.23

GST R100938885 \$ 36.49

**TOTAL PAYABLE (CAD) \$ 557.72**

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 VANCOUVER BC V6B 1L8

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