

**REPORT ON THE
2005 SOIL SAMPLING and
MAGNETIC SURVEY PROGRAM
on the EVAN-RYAN PROPERTY,
CLEAR CREEK AREA, YUKON**

Quartz claims:

Evan 1 to 3	YC34625 to YC34627
Ryan 1 to 3	YC34628 to YC34630
Ryan 4 and 5	YC36205 and YC36206
Evan 4 and 5	YC36207 and YC36208

For work done July 13 to 21, 2005

By

Scott Casselman B.Sc, P. Geo.
Aurora Geosciences Ltd
108 Gold Road
Whitehorse, Yukon, Y1A 2W3

For

Harold Jones and Associates Ltd
Suite 86 – 5531 Cornwall Drive
Richmond, British Columbia, V7N5N7

Location: Latitude 63° 49' 30" N, Longitude 137° 20' 0" W
Mining District: Dawson
NTS: 115P/14
Date: December 6, 2005

SUMMARY

Harold Jones and Associates Ltd contracted Aurora Geosciences Ltd to conduct an exploration program on the Evan and Ryan claims in the Clear Creek area, Yukon, during the summer of 2005. The program consisted of claim staking, gridding, soil sampling and a ground magnetic survey. Aurora provided a crew of four persons to conduct the exploration program. This report documents the work conducted by Aurora Geosciences Ltd in 2005 and includes a review of historical exploration work conducted in the area by other operators.

The Evan-Ryan Property lies within the "Tintina Gold Belt" a region that has many intrusion-related gold occurrences and some significant gold deposits. Clear Creek has had historic placer gold production within 6 km of the property. Outcrop exposure on the property is limited.

The 2005 exploration program consisted of staking and recording the Evan 4 and 5 and Ryan 4 and 5 claims prior to conducting any work on the property. Once the claims were recorded, a grid was established using a hipchain and compass with the stations being marked by flagging. Line spacing was 200 m (nominally) and samples were collected at 50 m station intervals. Total magnetic field measurements were collected at 12.5 m intervals.

The magnetic survey in 2005 returned a number of small oval magnetic high anomalies in the western part of the property that are on the order of 150 by 200 metres and may indicate underlying intrusions. Soil sample results in the area returned some scattered, moderate to highly anomalous gold and copper values and highly anomalous arsenic values on the western part of the grid. Elsewhere on the property are scattered single station gold and copper anomalies that do not show any well-defined anomalous trends.

The scattered nature of the soil geochemical anomalies could be due to the wide spaced sample density. If the controls on gold and arsenic mineralization are small intrusive plugs, structural, or vein controlled, a 200 m line spacing and 50 m sample density would not be sufficient to define the anomalies. A tighter sample density may be required to define the source.

Recommendations for future work on the property are to:

- 1 Complete the magnetic survey and soil geochemical survey on the western part of the property.
- 2 Fill-in the soil sample density in areas of anomalous gold values to 100 m line spacing and 25 m sample spacing and expand the grid to cover the property.
- 3 Prospecting, possibly with some hand pitting/trenching in areas anomalous soil geochemical results to determine the cause of the anomalies and aid in mapping of bedrock.

An estimated budget for this program is \$40,000.

TABLE OF CONTENTS

	Summary	
1.0	Introduction	1
2.0	Property Location and Access	1
3.0	Claim Information	3
4.0	Pysiography and Climate.....	3
5.0	History	5
6.0	Regional Geological Setting.....	6
7.0	2005 Exploration Program	9
8.0	Geochemical Analytical Procedure	10
9.0	Results	10
9.1	Soil Sampling Geochemical Results	10
9.2	Total Magnetic Field Survey Results	11
10.0	Conclusions and Recommendations.....	12
11.0	Statement of Expenditures.....	13
12.0	References	14

Figures

1	Property Location Map.....	2
2	Claim Map.....	4
3	Regional Geology Map	8
4	Soil Sample Location Map	In Pocket
5	Soil Sample Gold Geochemistry	In Pocket
6	Soil Sample Silver Geochemistry.....	In Pocket
7	Soil Sample Arsenic Geochemistry.....	In Pocket
8	Soil Sample Copper Geochemistry	In Pocket
9	Shaded Relief Total Magnetic Field Map	In Pocket

Tables

1	Claim Information	3
---	-------------------------	---

Appendices

Appendix I	Statement of Qualifications
Appendix II	Geochemical Analytical Certificates
Appendix III	Crew Log
Appendix IV	Minfile Occurrences

1.0 INTRODUCTION

Harold Jones and Associates Ltd contracted Aurora Geosciences Ltd to conduct an exploration program on the Evan and Ryan claims during the summer of 2005. The program was designed to follow-up anomalous soil sample results from a 2004 exploration program on the property. The 2005 program consisted of claim staking, establishing a grid on the property and conducting a soil sampling and magnetic survey.

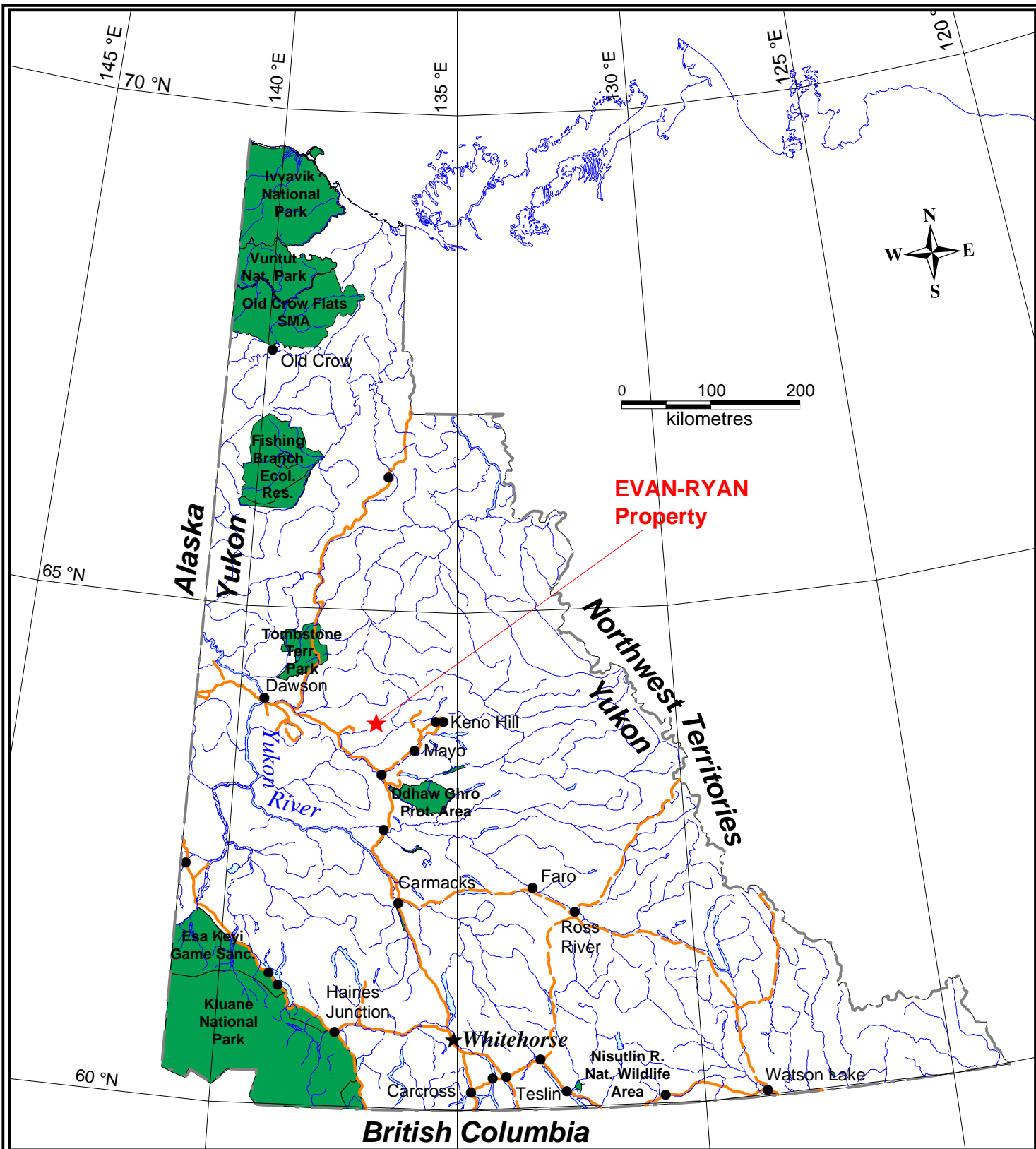
The crew consisted of Michael Schultz (geologist), Andrea Langerud (geological technician), Amanda Mitander and Steve Berg (field assistants). The crew mobilized from Whitehorse to the area and staked on the Evan 4 and 5 and Ryan 4 and 5 claims on July 13. The claims were recorded the next morning. The crew then worked on the property on July 14 and 15 and mobilized back to Whitehorse on August 3, after conducting work on other properties in the area.

This report includes a review of historical exploration work conducted in the area by other operators. The author is a professional geologist and supervised the field crew. The author has not set foot on the property. The author has relied on data, interpretation, and information supplied by others noted above and listed in the References: primarily assessment reports on record with the Yukon Territorial Government (previously federal Department of Indian and Northern Affairs).

2.0 PROPERTY LOCATION AND ACCESS

The Evan-Ryan Property is located 360 km north of Whitehorse or 75 km west-northwest of Mayo, Yukon. The claims are on Squaw Creek, a small tributary of Clear Creek on NTS map sheet 115P/14 and are centred at $63^{\circ} 49' 30''$ latitude and $137^{\circ} 20'$ longitude (Figure 1).

The project area is accessible by the Barlow Dome Road, a narrow gravel road that runs along the ridge on the north side of Clear Creek from the North Klondike Highway near Barlow Lake, for approximately 20 km to the property.



**HAROLD M JONES & ASSOC.
EVAN-RYAN PROPERTY
LOCATION MAP**

Figure 1

October 28, 2005

3.0 CLAIM INFORMATION

The Evan-Ryan Property consists of 10 quartz claims in the Dawson Mining District. The Evan 1 to 3 claims are owned 100% by Robert S. Adamson and the remaining claims are owned 100% by Harold Jones. The claims are in good standing with expiry dates as listed below, based on the 2005 exploration work being accepted for assessment credits. The claims are plotted on Figure 2. Claim information is as follows:

Table 1. Claim Information

Claim Name	Grant Number	Expiry Date *
Evan 1 to 3	YC34625 to YC34267	September 12, 2009
Ryan 1 to 3	YC34628 to YC34630	September 13, 2009
Ryan 4 and 5	YC36205 and YC36206	September 13, 2010
Evan 4 and 5	YC36207 and YC36208	September 13, 2010

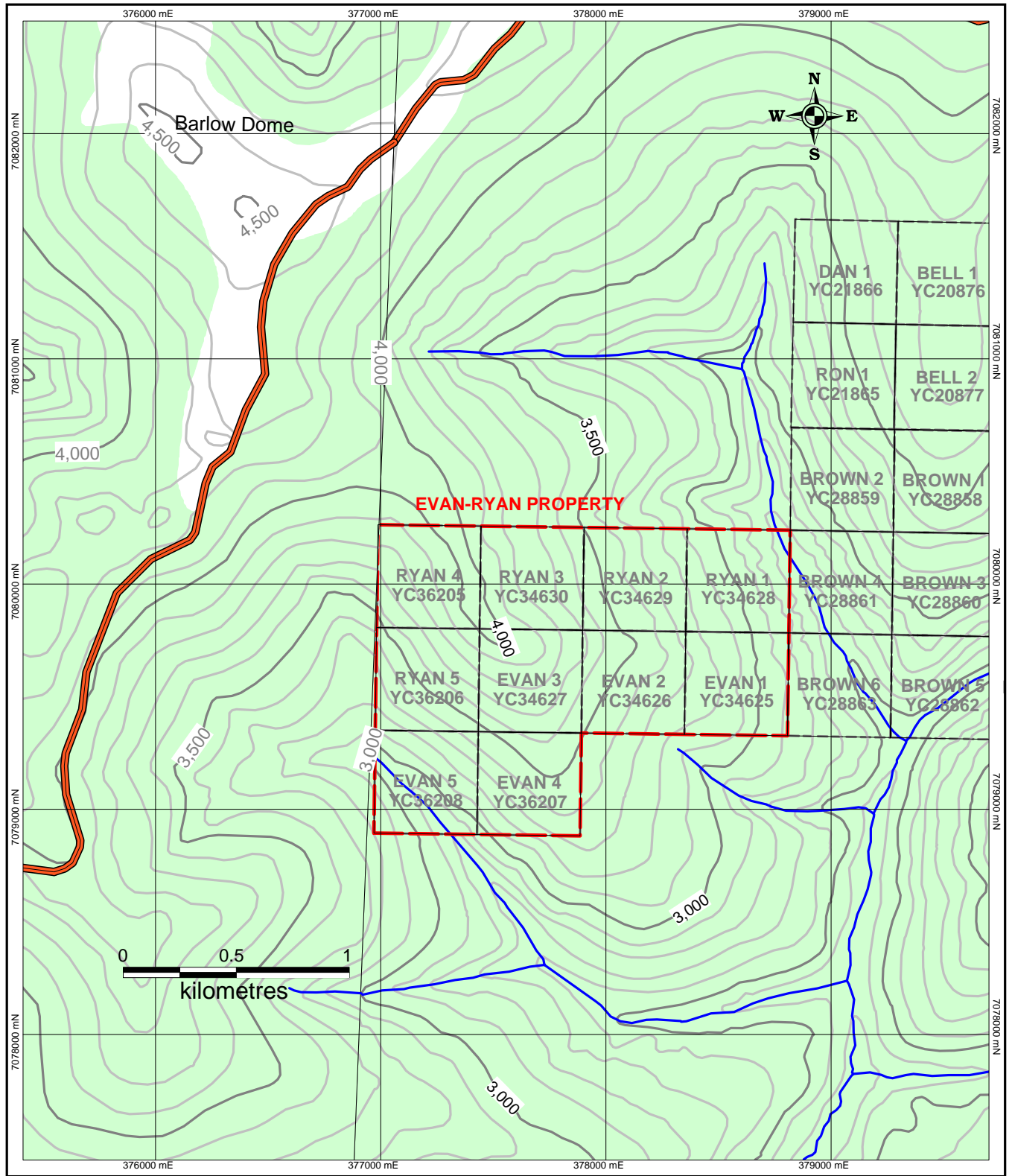
*Pending acceptance of this report for assessment purposes.

4.0 PHYSIOGRAPHY AND CLIMATE

The project area is in the Syenite Range Mountains on the north side of the Tintina Trench. The property covers a south-facing slope in gentle rounded mountainous terrain. Elevations range from about 2000 feet to 4000 feet above sea level. The property area is sparsely treed, with spruce, pine, birch, alder, and locally with considerable buck brush.

The area experiences cold dry winters and hot dry summers. Snow usually begins accumulating in late September or early October and is generally melted by late May to early June. Temperatures range from highs in the mid 30^o's in summer to lows of -50^o C in winter. North facing slopes are generally underlain by permafrost.

The nearest major city centre is Dawson, a supply centre for this region with an ample labour force. Power is available along the North Klondike Highway. Water resources are abundant in the project area in flowing steams.



**HAROLD JONES & ASSOCIATES
EVAN-RYAN PROPERTY
CLAIM LOCATION MAP**

**NTS 115P/13 and 14 Dawson Mining District
Figure 2 December 2, 2005**

Scale 1:25000
NAD 83 UTM, zone 8

AURORA GEOSCIENCES LTD

5.0 HISTORY

The Clear Creek area has a long history of placer gold production and mineral exploration for silver, gold, antimony, copper, tin and tungsten. The majority of work has been conducted on the Clear Creek Property located on Left Clear Creek, 10 km east of the Evan-Ryan Property.

In 1971, a joint venture between Silver Standard Mines Ltd and Canada Tungsten Mining Corp staked claims in the area following the release of GSC Open File 51 indicating anomalous tungsten, gold and tin in the area. United Keno Hill Mines Ltd and Standard Oil Company of B.C. Ltd also acquired land in the area during this time. The staking generally occurred in the Left Clear Creek area. These companies conducted soil sampling and geological mapping programs on their properties.

In 1978 and 1979, Cominco Ltd conducted programs of stream sediment sampling, soil sampling and prospecting on their NEL claims at the headwaters of Forty Mile Creek, 25 km to the northeast of the Evan-Ryan Property. They were focused on anomalous tin and silver values indicated on government regional stream sediment geochemical samples in the area. They obtained very anomalous Sn values up to 18,100 ppm from stream sediment samples.

In 1980 - 81 Canada Tungsten Mining Corporation Ltd. acquired large blocks of claims through staking and options in the Dublin Gulch and Clear Creek areas and carried out extensive programs, in search of tungsten and, to a much lesser extent, tin and gold. On Left Clear Creek, Canada Tungsten did extensive mapping and geochemical surveys. Some trenching and sampling was done on tungsten bearing skarns but no work was done to follow up on geochemical gold anomalies. The original claim group was gradually reduced to the Rain and Wind claims, which consisted of several non-contiguous claims covering various mineral showings and anomalies. Canada Tungsten later dropped its option.

In 1986, prospector Scottie Thom discovered gold-bearing massive pyrite float on the south side of Left Clear Creek. In 1987, placer operations conducted by Blackstone Placer Mining Company encountered heavy pyrite mineralization in a deep trench cutting into bedrock. The showing and properties were later optioned by Secret Pass Minerals Corp and, in 1987, they conducted a program of line cutting, geophysical surveying, soil and rock sampling. The property was later optioned to Cambridge Resources Ltd, who in 1989 conducted trenching and drilled 276 m in 4 diamond drill holes. The drill program encountered one significant intersection containing 0.546 oz/t gold over 0.49 m.

In 1995, Kennecott Canada Inc optioned the Clear Creek Property and conducted an extensive program of soil sampling, geological mapping, trenching, road construction and reverse circulation drilling on the Rhosgobel Stock. Kennecott dropped its option later that year. In 1996, New Millenium Mining Inc acquired the project and in the fall 2004 it signed a deal to vend the project to Stratagold Corp.

6.0 REGIONAL GEOLOGICAL SETTING

The Evan-Ryan Property lies within the Selwyn Basin, which is comprised of Late Proterozoic to Mid-Paleozoic continental margin sediments. The basinal rocks in the area of the property consist of an inlier of Upper Proterozoic to Lower Cambrian rocks of the Hyland Group overlain by Upper Cambrian and Ordovician Rabbitkettle Formation, which is in turn overlain by the Ordovician to Lower Silurian Road River Group and capped by the Devonian to Mississippian Earn Group.

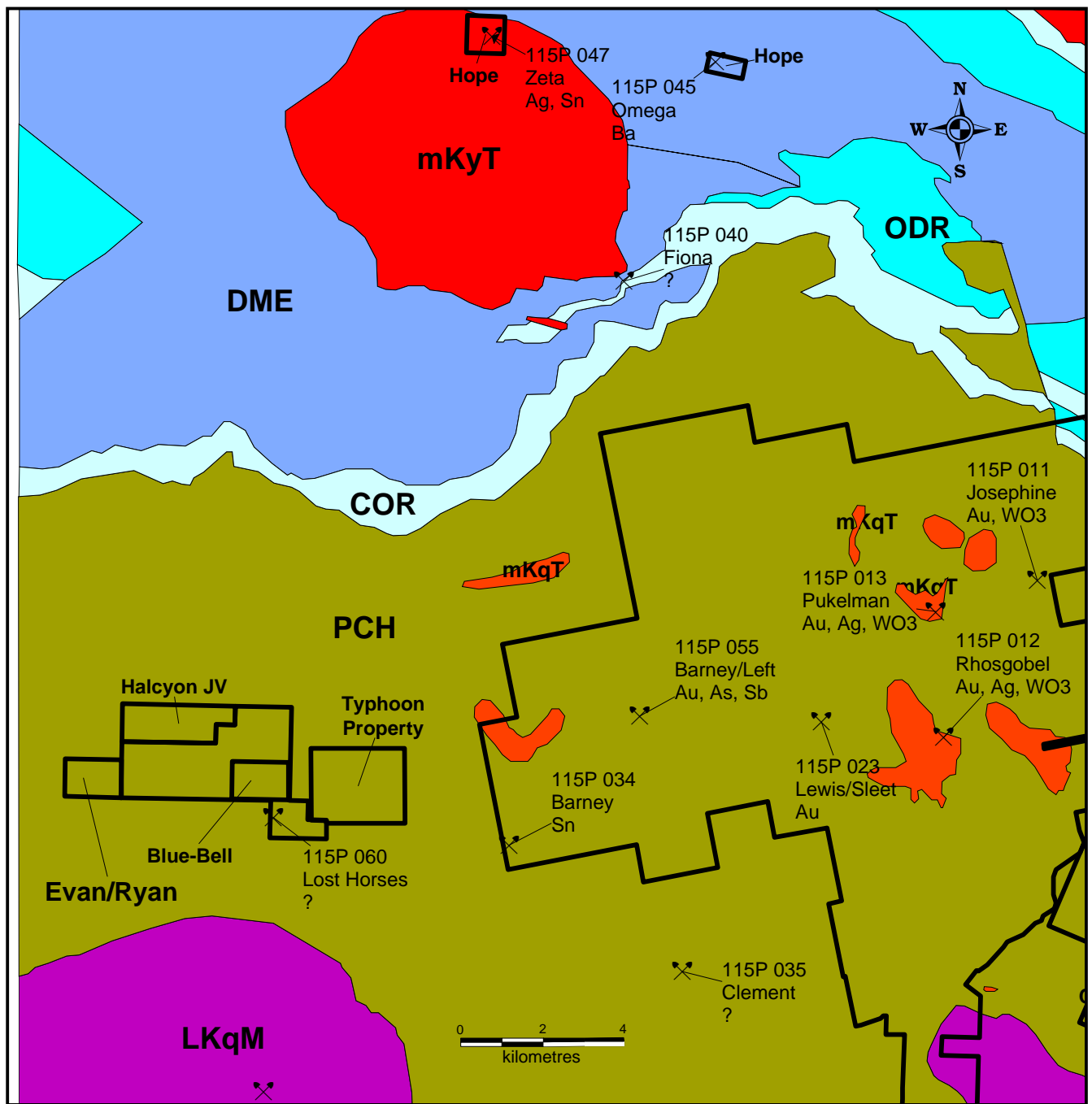
The Hyland Group (**PCH**) is comprised of thin to thick bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone, quartz pebble conglomerate, argillaceous limestone, phyllite, psammite and minor marble (Gordey, et. al., 1999). The Rabbitkettle Formation (**COR**) consists of thin bedded, wavy banded, silty limestone and grey lustrous calcareous phyllite, limestone breccia and conglomerate, laminated grey siltstone, chert, slate and local mafic flows, breccia and tuff. The Road River Group (**ODR**) is comprised of black graptolitic shale and chert, minor argillaceous limestone and dolomitic siltstone. The Earn Group (**DME**) consists of thin-bedded slate with interbedded chert-quartz arenite and wacke, chert pebble conglomerate, black siliceous siltstone, nodular and bedded barite and rare limestone.

The layered rocks are intruded by mid-Cretaceous Tombstone Suite intrusions to the north and east and by lower Cretaceous McQueston Suite intrusions to the south. Two types of Tombstone Suite intrusion are recognized in the area; medium to coarse-grained biotite-hornblende-clinopyroxene syenite, quartz syenite, granite, monzogranite, diorite and tinguaite (**mKyT**); and medium- to coarse-grained, locally porphyritic biotite hornblende, clinopyroxene quartz monzonite and granodiorite (**mKqT**). The McQueston Suite is comprised of medium- to coarse-grained, locally porphyritic and k-feldspar megacrystic biotite ± muscovite granite and quartz monzonite.

The Clear Creek area is within the “Tintina Gold Belt”, which is an intrusion-related, gold-bearing system that stretches in an arc from central Alaska through to southern Yukon. In Yukon, this belt is known as the Tombstone-Tungsten Magmatic Belt. Within this belt many gold discoveries are spatially related to mid-Cretaceous alkalic plutonic intrusions of the Tombstone series. A wide variety of disseminated, skarn and vein-type mineral occurrences both within and near the intrusions have been identified containing gold, tungsten, lead, zinc, copper and tin. The most significant discovery in the Clear Creek area is the Dublin Gulch Deposit, located 80 km east of the Evan-Ryan Property. The Dublin Gulch deposit has reserves of 50.8 million tonnes containing 0.93 g/t gold. Other Tintina Gold Belt occurrences in the area are the Clear Creek Property located 10 km east of Evan-Ryan and the Sheelite Dome Property located 55 km to the east. The Clear Creek area also has a long history of placer gold production.

No mineralization has yet been discovered on the Evan-Ryan Property. However in the Left Clear Creek valley a number of quartzite boulders have been discovered containing abundant pyrite in quartz sericite clay altered rocks. On the Clear Creek Property scheelite and auriferous arsenopyrite are found in quartz veined granite stocks at the Rhosgobel, Josephine, Lewis and Pukelman minfile occurrences. Scheelite and molybdenite are also found in sheeted quartz and

potassium feldspar veins at Pukelman. The Evan-Ryan Property has not been subject to any detailed property scale mapping.



GEOLOGICAL LEGEND

- DME**
 Devonian and Mississippian - Earn Assemblage
 Slate with black, siliceous shale and chert-quartz arenite and wacke, chert pebble conglomerate, bedded barite and rare limestone

- ODR**
 Ordovician to Lower Devonian - Road River Assemblage
 Shale and black chert, siltstone and argillaceous limestone

- COR**
 Upper Cambrian and Ordovician - Rabbitkettle Assemblage
 Silty limestone and calcareous phyllite, limestone breccia and conglomerate and quartzose siltstone

- PCH**
 Upper Proterozoic to Lower Cambrian - Hyland Assemblage
 Shale, quartz-rich sandstone, quartz pebble conglomerate, argillaceous limestone and phyllite

- mKyT**
 mid Cretaceous - Tombstone Suite
 Biotite-hornblende-clinopyroxene syenite, quartz syenite, granite, monzogranite and tinguaitite

- mKqT**
 medium to coarse-grained porphyritic biotite-hornblende, clinopyroxene granite, quartz monzonite and granodiorite

- LKqM**
 Lower Cretaceous - McQueston Suite
 Medium- to coarse-grained porphyritic K-feldspar biotite-muscovite granite and quartz monzonite

Yukon Minfile occurrence #
 Name
 Commodities

scale = 1:150,000
 NAD 83 UTM, zone 8

HAROLD M JONES & ASSOCIATES
EVAN-RYAN CLAIMS
REGIONAL GEOLOGY MAP
 Dawson Mining District 115P/14
 Figure 3 November 18, 2004

AURORA GEOSCIENCES LTD

7.0 2005 EXPLORATION PROGRAM

The 2005 exploration program on the Evan-Ryan Property consisted of establishing a grid by hip chain and compass and marking stations with flagging. A baseline was run at 10000 E, line spacing was nominally 200 m and station spacing of 25 m. Soil samples were collected at 50 m intervals along the lines. A total of 73 soil samples were collected in 2005 and this data was combined with soil sample data collected in 2004 (28 samples). Soils samples were not collected on all of the grid lines due to budget constraints, however the magnetic survey was run on all the lines.

For the magnetic survey the crew was equipped with the following instruments and equipment:

<u>Field unit:</u>	2 - Gem GSM-19 Overhauser magnetometers.
<u>Base unit:</u>	1 - Gem GSM-19T proton precession magnetometer.
<u>Data processing:</u>	P-800 laptop and colour printer. Data processing with Geosoft software and proprietary data conversion software.

The magnetometer survey was conducted according to the following specifications:

<u>Station spacing:</u>	12.5 m nominal.
<u>Base station magnetometer:</u>	Installed near the camp and cycled at 10 second intervals. Variations exceeding 3 nT over the 10 seconds interval were rejected.
<u>Levelling:</u>	The operator levelled to a common datum by surveying, on a daily basis, a 150 m interval and calculating the mean difference.
<u>Station Coordinates:</u>	All geographic coordinates are in NAD 83 UTM, zone 8N coordinates and were determined by Garmin GPS 72.

The total magnetic field data was corrected for temporal geomagnetic variation relative to the base station unit using software incorporating linear interpolation. Any data taken during intervals when the base station magnetometer varied by 3 nT or greater over 10 s were rejected.

The station locations were determined by non-differential GPS recording the end of each survey line and the intersection of the line with the base line. Stations locations were then interpolated between these points.

8.0 GEOCHEMICAL ANALYTICAL PROCEDURE

All samples were sent to Acme Analytical Laboratories in Vancouver for processing. Acme is an ISO 9002 accredited facility. The samples from the 2004 sampling program were also submitted to Acme Analytical Laboratories and were analysed by the same procedure.

The analytical procedure consisted of drying the samples then sieving to -80 mesh. A 15.0 gm sample of the -80-mesh material was then digested in 90 ml of aqua-regia solution and diluted to 300 ml with distilled water. This solution was then analyzed for gold and 36 elements by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) according to the Acme Group 1DX analytical package. Geochemical Analytical Certificates for the 2005 program are included in Appendix II.

9.0 RESULTS

9.1 SOIL SAMPLING GEOCHEMICAL RESULTS

Soil sample geochemical analysis from the 2004 exploration program was included with the 2005 data for statistical analysis. The 2004 data, in general, is comparable to the 2005 data. The 2004 samples are indicated with triangles on the soil geochemistry plots, while the 2005 data is indicated with circles. Soil sample locations are plotted on Figure 4, soil sample results for gold, silver, arsenic and copper are plotted on Figures 5, 6, 7 and 8, respectively. Statistical analysis of the data for gold, silver, arsenic and copper returned the following results:

Element	<u>Ag</u>	<u>Au</u>	<u>As</u>	<u>Cu</u>
# of samples	101	101	101	101
Minimum value	<0.1 ppm	<0.5 ppb	3.6 ppm	5.6 ppm
Maximum value	0.5 ppm	17.3 ppb	73.9 ppm	28.4 ppm
Average	0.13	2.7 ppb	8.3 ppm	14.8 ppm
Standard Deviation	0.13	3.0 ppb	6.9 ppm	3.9 ppm

The silver results from the 2004 survey appears to be slightly more elevated than the 2005 data. Figure 6 illustrates anomalous results on line 5000N that do not correspond well with the 2005 results. These values, however, are not significantly anomalous with the maximum value being 0.5 ppm..

For the gold analyses background values are taken to be < mean plus one standard deviation (i.e. < 5.7 ppb). Values from mean plus one to mean plus 2 standard deviations (i.e. 5.7 to 8.7) are considered anomalous and mean plus 3 standard deviations (i.e. > 8.7 ppb) are considered highly anomalous. Thus, there are a number of scattered anomalous and highly anomalous values throughout the property. In general the anomalies are one station highs and do not indicate any well-defined anomalous trends. However this could be due, in part, to the fact that only 3 lines were surveyed and the wide spaced sample density. Many of the anomalies are on the margin of the grid and are open.

The arsenic analyses background values are taken to be <15.2 ppm; anomalous values are 15.2 to 22.1 ppm; and highly anomalous values are > 22.1 ppm. The arsenic geochemistry shows one strongly anomalous trend that is at line 4800 N and continues northwards through line 5000 N to line 5200 N. The arsenic anomaly correlates well with a moderate gold anomaly on line 4800 N. This anomaly is open to the north, south and westwards and should be closed-off with additional sampling at an increased sample density of 100 m lines and 25 m satations.

The copper analyses returned a background of <18.7 ppm; anomalous values are 18.7 to 22.6 ppm; and highly anomalous values are > 22.6 ppm. The copper plot shows a number of scattered high copper values with good correlation with the highly anomalous arsenic value on line 4800 N.

9.2 TOTAL MAGNETIC FIELD SURVEY RESULTS

The total magnetic field data was processed by first correcting the rover magnetometer data for diurnal variations with the base station data. Next the GPS survey coordinates were merged with the station reading coordinates to register all readings in NAD 83 UTM coordinates. This data was then imported into Oasis Montaj software to create the plot of Shaded Relief Total Magnetic Field in Figure 9.

Figure 9 shows a general magnetic gradient from southeast to northwest and a north-trending magnetic high ridge in the area of the baseline. This magnetic high corresponds with the area of anomalous arsenic-gold-copper on line 4800 N. The anomaly measures approximately 150 m east-west and 200 m north-south and has a field strength of 90 nano Tesla (57880-59070 nT). On line 5200 N is another isolated magnetic high that measures roughly 150 m north-south and 75 m east-west. In the southwest corner of the survey area the beginning of a larger anomalous trend is indicated, it is open to the west and south. These anomalies should be closed off and better defined with more detailed surveying and expansion of the grid to cover the claim block.

The isolated, oval magnetic high anomalies have the appearance of intrusive plugs, possibly with some structural control in the north-south direction. Mapping and prospecting in this area may help to determine the cause of these anomalies.

10.0 CONCLUSIONS and RECOMMENDATIONS

The Evan-Ryan property lies within the “Tintina Gold Belt” a region that has many intrusion-related gold occurrences and some significant gold deposits. Clear Creek has had historic placer gold production within 6 km of the property.

The magnetic survey in 2005 returned a number of small oval magnetic high anomalies in the western part of the property that are on the order of 150 by 200 metres and may indicated underlying intrusions. Soil sample results in the area returned some scattered, moderate to highly anomalous gold and copper values and highly anomalous arsenic values on the western part of the grid. The gold, copper and arsenic anomalies are coincident. Elsewhere on the property are scattered single station gold and copper anomalies that do not show any well-defined anomalous trends.

The scattered nature of the soil geochemical anomalies could be due to the wide spaced sample density. If the controls on gold and arsenic mineralization are small intrusive plugs, structural, or vein controlled, a 200 m line spacing and 50 m sample density would not be sufficient to define the anomalies. A tighter sample density may be required to define the source.

Recommendations for future work on the property are to:

- 1 Complete the magnetic survey and soil geochemical survey on the western part of the property.
- 2 Fill-in the soil sample density in areas of anomalous gold values to 100 m line spacing and 25 m sample spacing and expand the grid to cover the property.
- 3 Prospecting, possibly with some hand pitting/trenching in areas anomalous soil geochemical results to determine the cause of the anomalies and aid in mapping of bedrock.

An estimated budget for this program is \$40,000.

Respectfully Submitted,

Scott Casselman, B.Sc., P.Geol
Geologist

11.0 STATEMENT OF EXPENDITURES – Evan-Ryan Property**Exploration costs**

Contract Services - Aurora Geosciences Ltd

Crew mobilization/demobilization - from Whitehorse to Clear Creek (divided between three jobs)

- Mike Schultz	- 2 days @ \$567.10	\$1,134.20	
- Andrea Langerud	- 2 days @ \$428.00	856.00	
- Amanda Mitander	- 2 days @ \$401.25	802.50	
- Steve Berg	- 2 days @ \$401.25	802.50	
- truck rental	- 2 days @ \$107	214.00	
- vehicle mileage	- 1000 km @ \$0.40/km	400.00	
- meals	- 8 person days @ \$37.45	<u>299.60</u>	
	TOTAL mob/demob	<u>4,508.80</u>	
	One third =	<u>\$1,502.93</u>	1,502.93

Field Program

Wages

- Mike Schultz	- 1 days @ \$567.10	\$567.10
- Andrea Langerud	- 2 days @ \$428.00	856.00
- Amanda Mitander	- 2 days @ \$401.25	802.50
- Steve Berg	- 2 days @ \$401.25	802.50
Truck rental	- 1 days @ \$107.00	214.00
Magnetometer rental	- 3 mags @ \$96.30/day x 2 days	577.80
Fuel for truck and generator		54.00
Meals	- 8 person days @ \$37.45/pers day	299.60
Camp rental (incl phone, gen, etc)	- 2 days @ \$220	440.00
Sample shipment		53.60
Aurora Project Administration charges		24.38
Sample Analysis - Acme Labs		1,261.48
Report Writing - Aurora Geosciences Ltd		<u>\$1,605.00</u>
Total exploration costs		<u>\$ 8,953.89</u>

Claim Staking Charges (no applicable to assessment)

Wages

- Mike Schultz	- 1 days @ \$567.10	\$567.10
Truck rental	- 1 days @ \$107.00	214.00
Hotel charges in Dawson		80.25
Recording fees		<u>40.00</u>
		<u>901.35</u>

12.0 REFERENCES

- Casselmann, SC, 2004. Staking and soil sampling on Evan and Ryan claims in Clear Creek area, Yukon. Harold Jones and Associates Private Memo.
- Deklerk, R., 2002. Yukon Minfile, 2002, A Database of Mineral Occurrences. Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada.
- Gordey, S. P. and Makepeace, A. J., 1999. Yukon Digital Geology. Geological Survey of Canada, Open File D3826.

APPENDIX I

STATEMENT OF QUALIFICATIONS

Statement of Qualifications

I, Scott Casselman, P. Geo., certify that:

- 1) I reside at 33 Firth Road, Whitehorse, Yukon Territory, Y1A 4R5
- 2) I am a geologist employed by Aurora Geosciences Ltd. of Whitehorse, Yukon Territory.
- 3) I graduated from Carleton University in Ottawa, Ontario with a Bachelor of Science Degree in Geology in 1985 and have worked as a geologist since that time.
- 4) I am a member of the Association of Professional Engineers and Geoscientists of British Columbia, Registration No. 20032.
- 5) I compiled this report from data collected by Aurora Geosciences staff on the Evan-Ryan Property during the summer of 2005.
- 6) I have not visited the Evan-Ryan Property.

Dated this ___th day of _____, 2005, at Whitehorse, Yukon Territory.

Scott G. Casselman, BSc., P.Geol.

APPENDIX II

GEOCHEMICAL ANALYTICAL CERTIFICATES



GEOCHEMICAL ANALYSIS CERTIFICATE

Harold M. Jones & Associates File # A504931 Page 1
 86 - 5533 Cornwall Drive, Richmond BC V7C 5N7 Submitted by: Harold M. Jones

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
G-1	7	2.1	2.5	39	<.1	6.2	3.6	464	1.63	<.5	2.3	6	3.7	49	<.1	<.1	1	30	43	880	8	73.8	54	163	102	1	88	070	42	1	01	2.0	3	<.05	4	<.5	
L5200N 9550E	8	12.2	11.1	43	<.1	13.5	6.2	228	2.09	8.5	7	1.3	2.8	10	1	5	2	36	10	043	14	21.7	27	87	029	1	1.06	004	04	2	03	1.8	1	<.05	4	6	
L5200N 9600E	8	13.8	11.0	46	<.1	15.0	7.5	283	2.11	8.5	7	1.9	3.0	11	1	5	2	38	14	051	15	22.9	32	91	035	1	1.12	005	04	2	03	1.9	1	<.05	4	6	
L5200N 9650E	7	11.5	10.9	33	<.1	8.9	3.8	161	1.60	6.5	7	2.5	5	10	1	3	2	36	10	057	16	20.3	20	96	019	1	1.02	004	04	1	04	1.0	1	<.05	4	5	
L5200N 9700E	8	11.3	10.2	42	<.1	12.7	5.1	212	1.84	7.4	7	4.8	5	12	1	4	2	39	14	046	16	22.2	26	94	022	1	1.01	005	05	3	05	1.0	1	<.05	4	<.5	
L5200N 9750E	7	12.4	9.9	41	<.1	12.5	5.0	194	1.80	7.6	9	1.1	1.5	10	1	4	2	34	12	054	15	20.9	27	111	024	1	1.04	004	04	2	04	1.8	1	<.05	4	6	
L5200N 9800E	9	14.0	11.6	52	<.1	15.4	6.2	197	2.32	9.2	9	1.5	1.3	11	1	5	2	42	13	049	14	24.4	34	108	024	1	1.30	005	05	2	03	1.9	1	<.05	4	6	
L5200N 9850E	9	12.8	11.6	51	<.1	17.0	6.7	201	2.41	11.1	8	3.6	1.8	15	1	5	2	44	17	051	15	25.8	39	136	034	1	1.34	006	05	2	03	2.1	1	<.05	4	5	
L5200N 9900E	1.1	16.5	17.9	47	1	13.3	6.2	226	2.12	7.7	7	1.1	5	10	2	5	3	45	09	041	18	24.6	31	126	017	2	1.53	006	06	1	03	1.3	1	<.05	5	5	
L5200N 9950E	1.4	9.1	13.2	84	1	13.0	8.4	433	3.44	15.3	5	7	2.0	10	3	6	2	73	11	069	13	29.8	38	105	051	1	1.49	005	05	2	02	2.1	1	<.05	7	<.5	
L5200N 10000E	1.0	16.8	11.7	55	<.1	20.0	10.5	399	2.90	11.7	7	1.9	3.9	11	3	8	2	54	12	035	13	35.2	49	108	053	1	2.49	007	05	2	06	3.2	1	<.05	5	8	
L5200N 10050E	1.8	11.2	17.8	57	1	11.4	5.2	258	3.12	12.7	6	1.0	3.0	10	1	6	3	78	05	051	15	28.0	29	161	040	<1	1.74	005	06	2	02	2.7	2	<.05	8	<.5	
L5200N 10100E	1.1	16.2	13.0	46	<.1	16.9	6.3	249	2.37	9.7	7	3.3	3.6	10	2	6	2	45	11	043	18	22.9	31	87	042	1	1.11	006	06	3	02	2.0	1	<.05	4	<.5	
L5200N 10150E	1.1	13.2	11.9	33	1	7.9	2.7	90	1.37	7.5	7	6	3	10	2	4	2	36	08	040	14	15.4	15	143	012	1	0.88	004	04	1	04	7	1	<.05	5	<.5	
L5200N 10200E	9	27.4	17.5	60	1	20.4	8.0	314	2.33	8.6	1.3	3.4	2.2	13	2	6	2	41	12	049	18	24.0	33	217	026	1	1.41	006	07	2	05	2.7	1	<.05	5	5	
L5200N 10250E	8	22.5	12.4	58	1	19.6	9.2	360	2.31	7.8	1.1	2.3	3.4	17	2	5	2	39	20	051	20	26.6	41	174	043	2	1.32	007	07	2	03	3.0	1	<.05	4	5	
L5200N 10300E	8	14.5	11.4	38	1	11.4	4.0	101	1.62	5.2	8	10	1	6	1	1	4	2	34	10	036	16	20.1	26	107	018	2	1.05	006	06	1	05	1.3	1	<.05	4	5
L5200N 10350E	8	22.5	12.7	50	1	15.5	5.4	206	2.05	6.3	1.2	12.3	1.2	13	2	1	4	2	35	13	050	22	24.1	34	206	024	2	1.25	005	07	2	05	2.1	1	<.05	4	<.5
L5200N 10400E	8	16.0	11.0	37	<.1	11.8	3.7	126	1.50	4.9	7	3	3	13	2	4	2	32	12	037	17	20.1	22	92	015	1	0.90	005	06	1	03	8	1	<.05	4	<.5	
L5200N 10450E	8	13.6	10.9	28	1	8.7	2.6	66	1.14	3.7	7	8	1	11	1	3	2	24	11	040	14	17.6	17	98	007	1	0.89	005	06	1	06	5	1	06	4	<.5	
L5200N 10500E	9	18.9	13.2	50	1	15.0	5.3	195	2.00	7.5	8	2.9	7	12	2	5	2	36	13	050	17	22.3	27	106	019	1	1.10	005	07	3	04	1.3	1	<.05	4	<.5	
L5200N 10550E	9	14.3	11.3	40	1	11.2	4.4	175	1.72	6.0	7	<.5	8	12	1	4	2	34	12	037	19	19.5	22	121	022	1	1.04	005	06	2	03	1.3	1	<.05	4	<.5	
L5200N 10600E	9	17.6	12.3	37	3	11.6	3.5	105	1.54	4.7	1.1	7.3	2	15	2	3	2	26	13	064	14	20.9	19	163	006	1	1.05	005	05	2	07	7	1	07	4	<.5	
L5200N 10650E	7	10.1	13.9	43	2	11.6	4.3	90	1.66	4.6	8	<.5	5	13	1	3	3	32	12	050	16	22.5	29	175	012	2	1.35	005	06	1	07	1.3	2	<.05	5	<.5	
L5200N 10700E	4	10.3	13.8	46	1	12.4	4.4	94	1.63	4.3	8	1.3	8	14	2	2	2	30	13	054	17	21.7	30	179	012	1	1.38	005	06	2	06	1.6	1	<.05	4	<.5	
L5200N 10750E	5	9.8	11.5	36	2	10.6	3.6	79	1.47	3.6	7	<.5	6	14	2	2	2	24	12	044	16	20.8	25	179	009	1	1.15	005	05	2	05	1.3	1	<.05	4	<.5	
L5200N 10800E	6	13.4	14.0	44	1	12.1	4.3	99	2.01	6.1	9	10	3	10	14	1	3	2	30	13	053	19	20.1	24	154	014	1	1.07	005	06	3	04	1.4	1	<.05	4	<.5
L5200N 10850E	6	15.1	11.7	46	1	12.2	4.9	140	1.79	4.7	8	<.5	2.1	12	1	3	2	29	13	044	17	19.8	30	126	020	1	1.17	005	05	2	03	1.8	1	<.05	3	<.5	
L5200N 10900E	6	12.5	9.9	33	1	9.3	3.4	100	1.42	3.7	6	<.5	7	11	1	3	2	25	11	029	16	16.4	21	138	015	1	1.00	006	04	2	03	1.3	1	<.05	4	<.5	
L5200N 10950E	8	13.9	10.3	33	1	9.2	4.8	241	1.53	5.0	7	<.5	1.2	10	2	3	2	28	10	032	16	16.3	19	131	010	1	0.84	004	05	1	03	1.1	1	<.05	3	<.5	
RE L5200N 10950E	7	13.6	10.4	34	1	9.1	4.7	234	1.47	4.8	7	13.5	9	11	2	3	2	27	11	031	17	16.3	19	135	014	1	0.94	005	05	2	03	1.2	1	<.05	4	<.5	
L5200N 11000E	6	16.6	8.9	40	1	10.8	4.7	170	1.55	5.6	9	<.5	1.0	11	1	3	2	29	12	036	16	21.2	22	141	022	1	1.05	005	05	2	04	1.7	1	<.05	3	<.5	
L5200N 11050E	5	14.0	9.4	31	1	10.4	3.3	78	1.41	4.6	8	6	5	13	2	3	2	25	14	042	15	18.2	20	153	014	2	0.98	006	05	2	06	1.2	1	<.05	3	<.5	
L5200N 11100E	4	13.1	10.9	37	1	11.7	5.0	152	1.38	4.1	8	17.3	4	16	2	3	2	23	17	054	16	18.0	22	183	011	1	1.12	006	05	3	06	1.2	1	<.05	3	<.5	
L5200N 11150E	5	10.2	9.5	34	1	9.4	3.3	87	1.49	5.0	7	<.5	6	11	1	2	2	27	12	039	16	16.5	21	122	012	2	1.01	005	04	2	04	1.0	1	<.05	3	<.5	
STANDARD DS6	11.8	122.7	29.3	141	3	25.2	11.0																														



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Mi	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga
5200N 11200E	5	10.7	11.6	38	1	10.1	5.2	202	1.72	5.4	5	2.5	7	10	1	3	2	29	.09	.039	13	17.6	24	128	.011	1	.97	.008	.04	.2	.03	1.0	1	<.05	4
5200N 11250E	5	10.0	8.8	33	1	9.1	4.0	90	1.39	4.7	5	1.1	4	10	1	2	1	25	.09	.038	11	15.5	21	121	.011	1	.81	.005	.04	.2	.04	1.0	1	<.05	3
5200N 11300E	8	11.3	9.3	39	1	11.0	4.8	147	1.60	5.5	6	9.0	1.2	11	1	3	2	30	.11	.040	14	15.9	24	117	.018	1	.88	.005	.04	.2	.03	1.2	1	<.05	4
5200N 11350E	6	11.5	9.8	40	1	10.7	4.6	106	1.59	5.2	6	1.2	9	10	1	3	2	28	.10	.040	12	17.4	26	119	.015	1	1.03	.005	.04	.2	.04	1.3	1	<.05	4
4800N 9600E	8	15.7	11.5	47	1	16.0	9.5	378	2.24	7.9	7	1.1	2.1	14	2	5	2	36	.12	.041	13	20.8	29	175	.019	1	1.08	.004	.04	.3	.02	1.8	1	<.05	3
4800N 9650E	9	14.6	14.0	40	1	12.7	4.8	138	2.07	8.7	6	5.4	1.3	9	1	4	2	37	.07	.031	14	17.8	25	153	.017	<1	1.05	.004	.05	.2	.02	1.3	1	<.05	4
4800N 9700E	8	12.9	12.7	32	1	9.5	4.3	135	1.76	6.9	6	1.3	1.2	11	1	3	2	40	.07	.033	13	17.5	22	150	.017	1	1.09	.004	.05	.1	.02	1.3	1	<.05	5
4800N 9750E	8	15.7	11.6	48	<1	14.6	6.0	187	2.23	8.3	8	1.4	4.8	8	1	5	2	40	.07	.020	12	24.0	35	122	.034	1	1.24	.004	.04	.2	.03	2.2	1	<.05	4
4800N 9800E	1.0	16.0	12.1	30	1	10.2	8.1	445	1.84	6.6	6	8	2	17	2	3	2	32	.12	.099	14	19.0	17	186	.011	1	1.12	.004	.04	.1	.03	.6	1	<.05	4
RE L4800N 9800E	1.0	15.7	11.6	30	1	9.9	8.0	438	1.81	6.2	6	2.1	2	16	3	3	2	32	.11	.095	13	17.7	17	176	.010	<1	1.04	.004	.04	.1	.02	.6	1	<.05	4
4300N 9850E	1.0	16.2	13.2	49	1	16.8	7.1	198	2.57	8.9	7	1.8	4.4	8	1	5	2	45	.07	.028	13	27.9	38	143	.031	<1	1.61	.004	.04	.2	.02	2.4	1	<.05	4
4800N 9900E	1.0	14.4	12.0	42	1	13.6	5.9	172	2.26	8.4	6	1.3	2.1	9	1	4	2	45	.07	.033	12	23.1	35	141	.028	1	1.43	.005	.04	.2	.03	1.8	1	<.05	5
4800N 9950E	9	14.9	13.1	46	1	14.9	6.4	173	2.26	8.5	6	9.4	4.8	8	1	5	2	38	.06	.024	14	22.5	32	112	.027	1	1.30	.004	.05	.2	.03	2.0	1	<.05	4
4800N 10000E	8	28.4	17.1	77	2	29.7	15.6	636	2.98	73.9	2.0	8.9	8.1	18	3	2	4	25	.19	.058	26	22.3	48	110	.025	<1	1.07	.004	.05	2.9	0.1	2.1	1	<.05	4
4800N 10050E	1.0	17.3	14.5	53	<1	17.4	6.7	192	2.66	11.0	6	1.9	3.6	8	1	6	2	43	.07	.026	13	26.1	38	106	.027	<1	1.32	.004	.04	.2	.03	2.0	1	<.05	4
4800N 10100E	1.1	14.1	12.6	49	1	14.7	6.9	254	2.58	9.7	6	1.5	3.5	10	1	5	2	51	.07	.035	12	27.2	38	139	.033	1	1.61	.005	.05	.2	.03	2.2	1	<.05	5
4800N 10150E	1.0	10.4	14.3	49	2	9.3	7.7	528	2.07	6.3	5	4.0	1.3	14	3	5	3	50	.13	.048	13	15.8	15	263	.031	<1	.92	.004	.07	.2	.02	1.3	1	<.05	5
4800N 10200E	1.1	16.8	11.7	56	1	18.3	6.4	183	2.69	11.0	6	1.9	3.9	13	1	7	2	49	.09	.025	13	26.1	40	187	.040	1	1.42	.005	.06	.2	.03	2.7	1	<.05	5
4800N 10250E	1.0	7.2	10.2	33	1	7.0	3.5	324	1.64	5.7	3	1.1	1.3	14	1	3	2	48	.14	.034	11	13.5	16	204	.033	<1	.87	.005	.06	.1	.02	1.2	1	<.05	5
4800N 10300E	1.0	10.1	11.2	43	1	12.8	6.4	282	2.43	9.5	4	3.0	1.9	20	1	5	2	50	.26	.038	12	22.0	26	157	.035	1	1.10	.004	.07	.2	.01	1.5	1	<.05	5
4800N 10350E	7	5.6	8.9	17	1	4.4	2.4	69	.97	3.7	3	4.6	2.1	8	1	3	2	35	.06	.013	13	10.5	11	135	.040	<1	.81	.003	.04	.1	.01	1.2	1	<.05	5
4800N 10400E	1.0	13.8	14.6	41	1	12.5	5.4	164	2.28	8.4	6	1.6	2.1	10	1	5	2	47	.07	.034	14	18.0	21	144	.036	<1	1.07	.004	.05	.3	.03	1.4	1	<.05	5
4800N 10450E	1.4	12.0	11.7	40	1	12.1	5.0	213	2.41	9.1	5	8	1.5	10	<1	5	3	53	.08	.038	13	21.3	23	130	.041	1	1.11	.005	.05	.2	.03	1.6	1	<.05	6
4800N 10500E	1.1	13.0	11.6	46	1	14.9	5.9	184	2.57	9.4	5	1.2	3.9	8	1	6	2	46	.07	.023	12	24.5	34	97	.033	<1	1.35	.004	.05	.2	.01	2.0	1	<.05	5
4800N 10550E	1.0	17.1	11.9	51	<1	17.8	7.4	211	2.52	9.6	6	11.2	4.7	9	1	6	2	43	.07	.019	12	28.2	40	125	.040	1	1.55	.004	.04	.2	.03	2.3	1	<.05	4
4800N 10600E	1.0	16.8	14.8	50	<1	17.6	6.8	177	2.53	7.8	7	9	6.6	8	1	6	3	37	.06	.024	20	22.6	35	106	.023	1	1.40	.004	.05	.1	.01	1.8	1	<.05	4
4800N 10650E	8	18.0	15.2	47	<1	16.0	6.0	169	2.26	8.5	6	3.6	4.8	8	1	5	2	39	.06	.023	17	23.5	35	122	.031	1	1.28	.004	.04	.2	.01	1.9	1	<.05	4
4800N 10700E	1.2	15.1	13.9	51	<1	15.5	6.9	264	2.83	10.9	6	8	3.7	8	1	5	3	50	.06	.056	19	23.1	33	99	.043	1	1.18	.004	.05	.2	.01	1.6	1	<.05	5
4800N 10750E	1.1	10.9	12.8	38	1	10.6	4.2	176	1.90	7.0	4	6.8	2.4	9	1	4	3	43	.07	.029	16	17.3	19	106	.037	<1	.98	.004	.05	.1	.01	1.4	1	<.05	5
4800N 10800E	1.0	17.5	14.7	49	1	15.1	5.2	149	2.36	7.8	7	1.0	6.3	9	1	5	3	36	.07	.023	22	17.9	26	135	.032	<1	1.10	.005	.05	.2	.01	1.5	1	<.05	4
4800N 10850E	1.1	12.4	13.4	49	<1	13.5	5.6	164	2.34	9.2	7	1.4	4.5	7	1	5	2	45	.06	.023	14	24.3	28	92	.036	<1	1.39	.004	.06	.2	.02	2.1	1	<.05	5
4800N 10900E	1.0	8.9	11.8	33	<1	10.6	4.3	134	2.30	8.3	4	6.1	4.0	8	1	5	2	49	.08	.020	13	20.5	24	128	.037	1	1.24	.004	.05	.2	.01	1.6	1	<.05	5
4800N 10950E	1.3	10.8	12.6	44	1	14.6	6.9	154	2.98	10.7	4	1.8	2.9	7	1	5	2	55	.06	.038	9	28.2	25	124	.026	<1	2.03	.004	.04	.2	.03	2.3	1	<.05	5
4800N 11000E	7	19.2	23.3	52	1	18.9	8.5	239	2.11	7.1	8	2.5	6.4	8	1	5	2	25	.06	.021	15	18.3	23	84	.023	<1	1.09	.003	.07	.1	.03	1.6	1	<.05	3
STANDARD D56	11.7	123.1	29.3	142	3	25.0	10.9	723	2.84	20.9	6.6	45.8	2.9	39	6.2	3.6	5.0	55	.87	.079	13	185.4	58	164	.076	18	1.93	.073	.15	3.4	.23	3.2	1.7	<.05	6

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RR' are Reruns and 'RR' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.



AMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	
4800N 11050E	.9	18.1	13.8	47	<.1	17.4	6.6	174	2.22	9.3	.6	1.3	5.6	9	1	.5	.2	37	.07	.019	15	26.2	.32	108	.029	1	1.46	.004	.06	1	.03	2.3	.1	<.05	4	<
4800N 11100E	.9	9.8	13.9	39	.1	11.2	5.6	135	2.20	7.9	.5	1.1	4.6	8	1	.4	.2	42	.06	.023	17	22.9	.24	96	.031	<.1	1.45	.004	.04	1	.03	2.1	.1	<.05	5	<
4800N 11150E	.8	18.3	15.1	55	.1	21.8	10.7	204	2.60	7.2	.7	1.8	6.4	10	1	.5	.2	35	.07	.027	21	22.9	.26	94	.034	1	1.33	.004	.05	1	.03	1.9	.1	<.05	4	<
4800N 11200E	1.0	13.9	15.8	44	<.1	12.8	5.8	158	2.46	7.9	.5	<.5	5.8	7	1	.5	.3	36	.06	.026	20	21.6	.24	78	.029	1	1.12	.004	.04	1	.02	1.5	.1	<.05	4	<
4800N 11250E	1.0	11.8	15.9	38	<.1	11.4	5.5	144	2.34	9.0	.6	2.2	5.5	7	<.1	.4	.3	39	.05	.026	17	23.1	.21	86	.022	1	1.60	.004	.05	1	.02	1.7	.1	<.05	4	<
4800N 11300E	.9	11.4	15.5	46	.1	11.7	5.9	166	2.35	8.9	.6	.6	5.3	7	<.1	.3	.2	43	.05	.023	18	23.4	.25	102	.024	<.1	1.39	.004	.04	1	.02	1.7	.1	<.05	5	<
4800N 11350E	1.1	12.8	15.2	48	<.1	15.1	8.0	215	2.36	9.6	.6	2.8	5.4	9	2	.4	.2	41	.06	.027	16	28.0	.31	115	.028	1	1.68	.004	.05	2	.03	1.9	.1	<.05	4	<
STANDARD DS6	11.6	126.0	29.9	145	3	25.3	11.2	730	2.82	22.0	6.6	46.9	3.1	41	6.4	3.5	5.1	58	.87	.081	15	188.4	.59	170	.084	20	1.98	.075	.15	3.4	23	3.5	1.8	<.05	6	4

Sample type: SOIL SS80 60C

APPENDIX III

CREW LOG



HAROLD JONES and ASSOCIATES
HJA-05-001-YT
Evan-Ryan Claims
Staking/Magnetics/Soil sampling

Crew:

Michael Schultz (crew chief)
Andrea Langerud (technician)
Amanda Mitander (technician)
Steve Berg (technician)

July 13, 2005

Some running around in Whitehorse in the am. AL, SB, AM left Whitehorse at 11:00am in the OBS, MS in his own truck. Crew arrived in Clear Creek area at ~6:00pm and set-up camp.

MS arrived at closest access to Evan-Ryan claim block at ~3:00PM. Most of the grid is in a burn, access looks good via a ridge, which runs onto the N of the block. Staked the Ryan 4, Ryan 5, Evan 4, and Evan 5 claims. Post locations are:

Ryan 4 – No. 1 377410E 7080300N
Ryan 4 – No. 2 377418E 7079810N
Ryan 5 – No. 1 377418E 7079810N
Ryan 5 – No. 2 377421E 7079352N
Evan 4 – No. 1 377421E 7079352N
Evan 5 – No. 1 377421E 7079352N
Evan 4 – No. 2 377456E 7078905N
Evan 5 – No. 2 377456E 7078905N

Deadfall in the far southern end is very thick, so we will not grid the final line. Arrived back at truck at ~11:00pm. Made Dawson at 1:00am.

Production: 4 claims staked

July 14, 2005

Nice sunny day, which turn to some heavy rain for a while in the afternoon and returned to sun.

AL, SB, AM put in grid. MS recorded the claims and returned to the Evan – Ryan at 12:00pm. Spent the rest of the day putting in grid. AL went on mag in late PM. Base mag is being difficult and will not shut off. AL suspects that despite being covered the mag may have gotten wet. The guts were ripped out and dried as best as possible.

Evan-Ryan base station mag location – 376404E 7080674N

**Production: 7.2 km gridded (4 long northern lines)
1 km mag**

July 15, 2005

Large puffy clouds which thankfully only threatened rain. AL went on mag with some concerns about the base station but it appeared to function well enough to collect data even though it will still not shut off. MS and SB soil sampled the lines adjacent to last years sampling on the claim line including the new claims. Lines 4800N and 5200N were completed.

AM completed gridding on the south end, lines 4600N and 4400N.

**Production: 2.7 km gridded
2.2 km mag
3.6 km soil sampled**

APPENDIX IV

MINFILE OCCURENCES

YUKON MINFILE
 MASTER REPORT
 YUKON GEOLOGY PROGRAM
 WHITEHORSE

MINFILE NUMBER: **115P 011**

NAME (S): JOSEPHINE

STATUS: SHOWING

NTS MAP (1:250000): MCQUESTEN

NTS MAP (1:50000): 115PV14

LATITUDE: 63° 52' 29' N

LONGITUDE: 137° 0' 43' W

LOCATION ACCURACY: 1 Kilometres

CLAIMS: RYE

ROLL

START:

START:

END:

END:

MINING DISTRICTS: DAWSON

UTM ZONE:

8

NORTHING:

7084612

EASTING:

401163

COMMENT:

MINERALS:

SIGNIFICANT:

COMMENTS: In Quartz veins.

ASSOCIATED: QUARTZ

K-FELDSPAR

SCHEELITE

COMMENT: Auriferous Quartz veins.

ALTERATION:

COMMENT:

ALTERATION TYPE:

DEPOSIT:

TYPE: PORPHYRY

AGE OF MINERALIZATION : (Era) :

(Period) :

Start :

End :

Isotopic Age :

Material :

COMMODITY:

Major:

GOLD

Minor:

TUNGSTEN

Trace:

TECTONIC ELEMENT: SELWYN BASIN

METAMORPHISM:

Type(s):

REGIONAL

Grade(s):

HORNFELS

GREENSCHIST

Comment: Hornfels adjacent to granitic stock.

OWNER/OPERATOR:

YEAR OWNER/OPERATOR

COMMENT

1902 SPISAK, M.

Staked left limit of Josephine.

1912 UNCERTAIN

Staked Verlene and Lunden claims.

1913 UNCERTAIN

Staked Verlene and Lunden claims.

1914 UNCERTAIN

Staked Verlene and Lunden claims.

1962 GERGICH, T.

Restaked as due claims.

1980 CANADA TUNGSTEN MINING CORPORATION LIMITED

Restaked as CC claims.

1988	GOLDRITE MINING CORPORATION	Restaked as Rye & Roll claims.
1991	NORANDA EXPLORATION COMPANY LIMITED	Acquired option.
1992	IVANHOE MINES LIMITED	Acquired option.
1994	FIRST DYNASTY MINES LIMITED	FIRST DYNASTY ACQUIRES IVANHOE GOLDFIELDS LTD.,
1995	KENNECOTT CANADA INCORPORATED	OPTIONS CLEAR CREEK PROPERTIES. DROPS OPTION AT END OF YEAR.
1996	NEW MILLENNIUM MINING LIMITED	NEW MILLENNIUM, AN WHOLLY OWNED SUBSIDIARY, BECOMES OPERATOR.

WORK HISTORY:

YEAR RANGE: 1902 TO 1903

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
UNDERGROUND DEVELOPMENT	0	0	
STAKING	0	0	

COMMENT: 3 adits 15', 65', and 68' long.

YEAR RANGE: 1962 TO 1962

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
STAKING	0	0	

COMMENT:

YEAR RANGE: 1980 TO 1980

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
STAKING	0	0	

COMMENT:

YEAR RANGE: 1981 TO 1981

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
GEOCHEMICAL SAMPLING	0	0	
GEOLOGICAL MAPPING	0	0	

COMMENT:

YEAR RANGE: 1991 TO 1992

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
GEOLOGICAL MAPPING	0	0	
TRENCHING	0	0	
GEOPHYSICAL SURVEY	0	0	
SOIL SAMPLING	0	0	
ROTARY DRILLING	6	644	METRES

COMMENT:

YEAR RANGE: 1995 TO 1995

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
REVERSE CIRCULATION	27	1970	METRES

COMMENT: ALSO LIMITED PROSPECTING AND RECON SAMPLING.

YEAR RANGE: 1997 TO 1997

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
TRENCHING			

COMMENT: THREE TRENCHES ON BARNEY RIDGE AND ONE TRENCH ON THE SADDLE ZONE. ALSO FIVE 300 M SAMPLE LINES ON NORTHWEST CONTACT.

EXPLORATION RESULTS:

Geochemical (Strong):

Commodity Sample Type

Geochemical (Weak):

Commodity Sample Type

Geophysical:

Visual:

RESERVES:

HOST ROCK:

DOMINANT HOST ROCK: METASEDIMENTARY	AGE (Era)	(Period)
HOST ROCK GROUP: HYLAND	Start: PROTEROZOIC	
FORMATION:	End: PALEOZOIC	CAMBRIAN
INFORMAL ROCK UNIT:	DATING METHOD:	
	ISOTOPIC AGE:	
	MATERIAL DATED:	

LITHOLOGIES: QUARTZITE
 SCHIST

COMMENT:

DOMINANT HOST ROCK: PLUTONIC	AGE (Era)	(Period)
HOST ROCK GROUP: UNSPECIFIED	Start: MESOZOIC	CRETACEOUS
FORMATION:	End: MESOZOIC	CRETACEOUS
INFORMAL ROCK UNIT:	DATING METHOD:	
	ISOTOPIC AGE:	
	MATERIAL DATED:	

LITHOLOGIES: PORPHYRITIC GRANITE

COMMENT:

CAPSULE WORK HISTORY

M. Spisak staked the Porcupine, Gold Belt, Whistler, etc cl (6164) in Sep/02 on the left limit of Josephine Creek, 10 km above the mouth and drove three adits (4.6 m, 19.8 m and 20.7 m) in 1902-03. The Verlene and Lunden cl (12244) were staked immediately south in Jul/12 and Apr/14.

Restaked as Due cl (79087) in Jul/62 by T. Gergich. Restaked as part of a large block of CC cl (YA53321) in Sep/80 by Canada Tungsten Mg Corp L, and optioned to Bema Industries Ltd which performed mapping and geochem sampling in 1981-82.

Restaked as Rye cl (YB5624) in Jun/87 by K. McCrory and R. Robertson and optioned to Goldrite Mg Corp the same year. Golden Rum Res L tied on Roll cl (YB17773) to the east in Sep/88 and transferred them to Goldrite Mg in Jun/89. Goldrite performed mapping, geochemical sampling and limited magnetic and IP surveys before relinquishing its option.

Noranda Exploration Co. Ltd optioned the property in Feb/91 and performed prospecting, soil sampling, magnetic and IP surveys and trenching, and added 34 Dum cl (YB40487) to the west side in Jan/92. Lodestar Explorations Inc funded Noranda's exploration in 1992 to earn a 50% interest. This consisted of a trenching program and 6 RC drillholes (644 m).

Noranda relinquished its option and Ivanhoe Goldfields Ltd optioned all of the Clear Creek claims in late 1992. In Aug/94, First Dynasty Mines Ltd acquired Ivanhoe. In Jun/95 Kennecott Canada Inc optioned the Clear Creek area claims (including the Rye and CC claims) and explored between June and Sept/95 with reverse circulation drilling program on the Rhosgobel stock and soil sampling, geological mapping, trenching and road building throughout the claim block. In Nov/95 Kennecott dropped its option. New Millennium Mining Ltd, an wholly owned subsidiary of First Dynasty, became operator in 1996.

New Millennium did a limited program of trenching on the Barney Ridge (three trenches) and Saddle zones (one trench) in the fall of 1997. Five 1000 meter soil lines were completed near the northeastern boundary of the property.

CAPSULE GEOLOGY

Gold occurs with arsenopyrite along a 300 x 2 700 m shear zone which cuts medium to coarse grained porphyritic granite of mid Cretaceous age, and hornfelsed quartzite and argillite of the Late Proterozoic-Early Cambrian Hyland Group. The Josephine stock is the most northerly of three adjacent intrusions: the Goldrite claims also cover the Pukeiman stock (Minfile 115P 013) and part of the Rhosgobel stock (Minfile 115 P 12). The original Josephine showing consists of two quartz-arsenopyrite-pyrrhotite veins in hornfels near the intrusive contact. Bema obtained values up to 5.14 g/t Au from these veins, and up to 7.63 g/t Au and 0.61% WO3 from a stockwork of quartz-Kspar-scheelite veinlets.

Soil sampling for Goldrite in 1988 outlined large areas of anomalous gold (>100 ppb Au, frequently >500 ppb) in talus fines. The Contact zone anomaly to the south measures 1 800 m by 1 600 m. The Saddle Zone anomaly to the north measures 2 700 by 300 m. Goldrite found several quartz-sulphide veins containing galena, pyrite, pyrrhotite and stibnite associated with lamprophyre and quartz-porphry dykes along a fault gully. The veins contained up to 3 719 ppb Au. Disseminated pyrrhotite and pyrite were found in the metasedimentary rocks.

Noranda mapped several phases in the Josephine stock including diorite, megacrystic feldspar-biotite porphyry and a bluish, fine

grained margin. In the Saddle Zone area both the stock and metasedimentary rocks contain disseminated arsenopyrite. Grab samples returned average values of 3 to 3.5 g/t Au, and a 1991 trench returned anomalous gold values across 160 m, including 2.11 g/t Au across 24 m which contained a high grade section grading 6.05 g/t across 5 m, suggesting potential for bulk tonnage, low-grade gold deposit.

In the Eiger zone, located 1 km northeast of the Saddle Zone, quartz-arsenopyrite veins follow parallel shears in diorite. The shears strike 100° and dip steeply south. Assays of these veins returned values as high as 343.5 g/t Au, and a chip sample assayed 4.7 g/t Au across 5 m.

Geochemical results show that the entire property is permeated with arsenic, but that there is a strong correlation between gold and bismuth in the Josephine (Saddle Zone) area. A parallel east-west zone of strongly anomalous gold in soil (Contact Zone) cuts across the adjacent Pukelman intrusion, but lacks bismuth. A third parallel zone of anomalous gold bisects the Rhosgobel intrusion, and in this case the gold appears to correlate with tungsten.

Emond and Lynch (1992) noted a strong positive correlation between gold and bismuth, and suggested that bismuth can be used as a pathfinder for gold in this area. A quartz-arsenopyrite vein assayed by Murphy et al. in 1993 showed a correlation between gold, tungsten and bismuth, with values of 5040 ppb Au, 8.1% As, 392 ppm Bi and 0.1% W.

Kennecott carried out geological mapping around the Eiger stock. A float sample of rusty quartz monzonite dyke containing minor quartz veining collected between the Eiger and Saddle stocks returned 355 ppb Au. The bulk of exploration work carried out in 1995 was carried out on other minfile occurrences located within the Clear Creek claims.

REFERENCES

- BEMA INDUSTRIES LTD, 1981. Assessment Report #092026 by R.H. Rainbird and D.A. Kelly.
- BOSTOCK, H.S., 1948. Geological Survey of Canada, Memoir 48-25, p. 11.
- BREMNER, T., 22 Aug/91. Field notes from property visit.
- BURKE, MIKE, 1996. 1995 Yukon mining and exploration overview. In: Yukon Exploration and Geology, 1995, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.
- BURKE, M.R., 1997. Yukon mining and exploration overview 1996. In: Yukon Exploration and Geology, 1996, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.
- BURKE, MIKE, 1998. Yukon mining and exploration overview -1997. In: Yukon Exploration and Geology, 1997, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p.3-38.
- CANADA TUNGSTEN MINING CORP., 1982. Assessment Report #091368 by R.H. Rainbird.
- EMOND, D.S., 1985. Tin and tungsten veins and skarns in the McQuesten River Area. In: Exploration in Yukon Overview, Appendix C; Exploration and Geological Services Division, DIAND Open File.
- GEORGE CROSS NEWSLETTER, 27 Jul/92.
- GOLDRITE MINERALS CORP., Jul/87. Vancouver Stock Exchange Open file Report, Assessment Report #062291 by J.E. Wallis.
- KENNECOTT CANADA INC, Feb/96. Assessment Report #093372 by S. Coombes.
- MURPHY, D.C., HÉON, D., AND HUNT, J., 1993a. Geological overview of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.
- MURPHY, D.C., HÉON, D., AND HUNT, J., 1993b. Geological map of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1993-1(G), 1:50 000.
- NORANDA EXPLORATION CO. LTD, 1992. Assessment Report #093011 by J.L. Duke.
- NORANDA EXPLORATION CO. LTD, 1992. Assessment Report #092984 by J.L. Duke.
- NORTHERN MINER, 14 Dec/92.
- THE ORE SHOOT, Spring 1993. Yukon Prospector's Association Newsletter.
- YUKON EXPLORATION AND GEOLOGY 1981, p. 228-229; 1982, p. 216; 1992, p. 2, 4, 5.
- YUKON EXPLORATION 1988, p. 224-226; 1991, p. 11.
- YUKON EXPLORATION & GEOLOGY 1994, p. 9.

RUN DATE: 10/21/2004 10:53:16 AM

YUKON MINFILE
MASTER REPORT
YUKON GEOLOGY PROGRAM
WHITEHORSE

Page 5 of 40

YUKON EXPLORATION & GEOLOGY 1995, p. 13-14, 16, 18.

YUKON MINFILE
MASTER REPORT
YUKON GEOLOGY PROGRAM
WHITEHORSE

MINFILE NUMBER: 115P.012

NAME (S): RHOSGOBEL

STATUS: SHOWING

NTS MAP (1:250000): MCQUESTEN

NTS MAP (1:50000): 115P14

LATITUDE: 63° 50' 23' N

LONGITUDE: 137° 3' 22' W

LOCATION ACCURACY: .5 Kilometres

MINING DISTRICTS: DAWSON

UTM ZONE: 8

NORTHING: 7080783

EASTING: 398868

CLAIMS: RAIN	START:	END:
BEE	START:	END:
JUB JUB	START:	END:
CC	START:	END:
RUM	START:	END:
RYE	START:	END:
DUM	START:	END:
FAR	START:	END:
TP	START:	END:
JD	START:	END:

COMMENT:

MINERALS:

SIGNIFICANT: SCHEELITE

COMMENTS: Scheelite found with auriferous arsenopyrite.

ASSOCIATED: DIOPSIDE

QUARTZ

CASSITERITE

COMMENT: Diopside skarn. Mijeralized quartz veins.

ALTERATION:

COMMENT:

ALTERATION TYPE:

DEPOSIT:

TYPE: PORPHYRY

AGE OF MINERALIZATION : (Era) : (Period) :

Start :

End :

Isotopic Age :

Material :

COMMODITY:

Major:

GOLD

Minor:

SILVER

Trace:

BISMUTH

TECTONIC ELEMENT: MCQUESTEN PLUTONIC SUITE

METAMORPHISM:

Type(s):

REGIONAL

Grade(s):

HORNFELS

GREENSCHIST

Comment: Hornfelsed adjacent to granite stock.

YUKON MINFILE
 MASTER REPORT
 YUKON GEOLOGY PROGRAM
 WHITEHORSE

OWNER/OPERATOR:

<u>YEAR</u>	<u>OWNER/OPERATOR</u>	<u>COMMENT</u>
1971	UNITED KENO HILL MINES LIMITED	Tied on claims in south.
1971	STANDARD OIL COMPANY OF B.C. LIMITED	Staked as Rhosgobel claims.
1971	SILVER STANDARD MINES LIMITED	Tied onto southeast and northwest.
1971	CANADA TUNGSTEN MINING CORPORATION LIMITED	Staked as Rhosgobel claims.
1978	THOM, A.	Restaked on south side - Rain claim.
1978	HUTTON, D.	Restaked on north side - Bee claim.
1979	CORTIN PROJECT	Added Jubjub claims to east.
1980	CANADA TUNGSTEN MINING CORPORATION LIMITED	Optioned Rain & Bee claims.
1984	HARPER, N.	Rain group was transferred.
1988	ROBERTSON, R.	Staked Rum claims.
1988	GOLDRITE MINING CORPORATION	Optioned Rum cls, staked Rye & Roll cls.
1993	IVANHOE MINES LIMITED	Obtained some Run, Rye Dum cls.
1993	WONDGA, B. AND LUECK, B.	Staked Far claims together.
1994	FIRST DYNASTY MINES LIMITED	IVANHOE TAKEN OVER BY FIRST DYNASTY.
1994	HART, L.	Restaked TP and JD claims.
1994	LUECK, B.	Staked TP & JD claims.
1994	TRUDEAU, D. AND JACKSON, D.	Staked Hail claims SW of showing.
1995	KENNECOTT CANADA INCORPORATED	OPTIONS CLEAR CREEK PROPERTIES FROM FIRST DYNASTY THEN DROPS OPTION IN NOVEMBER.
1996	NEW MILLENNIUM MINING LIMITED	AN WHOLLY OWNED SIBSIDIARY OF FIRST DYNASTY BECOMES OPERATOR.

WORK HISTORY:

YEAR RANGE: 1971 TO 1971

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
GEOLOGICAL MAPPING	0	0	
SOIL SAMPLING	0	0	
STAKING	0	0	

COMMENT:

YEAR RANGE: 1979 TO 1980

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
GEOCHEMICAL SAMPLING	0	0	

COMMENT:

YEAR RANGE: 1981 TO 1982

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
GEOCHEMICAL SAMPLING	0	0	
GEOLOGICAL MAPPING	0	0	

COMMENT:

YEAR RANGE: 1993 TO 1993

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
SOIL SAMPLING	0	0	

COMMENT: Ivanhoe carried out work on two zones of Rhosgobel intrusive stock.

YEAR RANGE: 1994 TO 1994

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
ROAD CONSTRUCTION	0	0	

COMMENT: Ivanhoe also constructed drill pads.

YEAR RANGE: 1995 TO 1995

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
REVERSE CIRCULATION	27	1970.5	METRES

COMMENT: ALSO ROAD CONSTRUCTION AND LIMITED SOIL SAMPLING

EXPLORATION RESULTS:

Geochemical (Strong):

Commodity Sample Type
 GOLD SOIL SAMPLE

Geochemical (Weak):

Commodity Sample Type

Geophysical:

Visual:

RESERVES:

HOST ROCK:

DOMINANT HOST ROCK: METASEDIMENTARY

HOST ROCK GROUP: HYLAND

FORMATION:

AGE (Era) (Period)

Start: PROTEROZOIC

End: PALEOZOIC CAMBRIAN

DATING METHOD:

ISOTOPIC AGE:

MATERIAL DATED:

INFORMAL ROCK UNIT:

LITHOLOGIES: SCHIST
 QUARTZITE

COMMENT:

DOMINANT HOST ROCK: PLUTONIC

HOST ROCK GROUP:

FORMATION:

AGE (Era) (Period)

Start: MESOZOIC CRETACEOUS

End: MESOZOIC CRETACEOUS

DATING METHOD:

ISOTOPIC AGE:

MATERIAL DATED:

INFORMAL ROCK UNIT: RHOSGOBEL STOCK

LITHOLOGIES: PORPHYRITIC GRANITE

COMMENT:

CAPSULE WORK HISTORY

Staked as Rhosgobel cl (Y65051) in Jul/71 by a joint venture between Cantung and Standard O C of BC L, which explored by grid geochem and mapping. The Nop cl (Y57673) were tied on to the south in Mar/71 by United Keno Hill ML following release of GSC Open File 51 and were explored with geochem sampling and mapping later in the year. Three groups of WR cl (Y65062) were staked in Aug/71 adjoining to the southeast and northwest by Silver Standard ML.

Restaked as Rain cl (YA31503) in Aug/78 by A. Thom on the south side and Bee cl (YA31794) in Sep/78 by D. Hutton on the north side. The Jub Jub cl (YA31930) were added on the east in Mar/79 by the Cortin Project (CCH Res L, Inco & Billiton E Can L), which explored with geochem surveys in 1979 and 1980.

Cantung surrounded the target with a large block of CC cl (YA53506) in Sep/80, optioned the Rain and Bee groups, and performed mapping and sampling in 1981 and 1982 before dropping the option. The Rain group was transferred in Jul/84 to N. Harper who trenched in 1984-88.

R. Robertson tied on the Rum claims (YA88956) in September, 1988 and optioned them to M.E. Compu Software Inc., which changed its name to Goldrite Mining Corp. Goldrite tied on the Rye, (YB05624) and Roll (YB17773) claims to the north and east in Sep/88.

In late 1992 Ivanhoe Goldfields Ltd optioned all of the Clear Creek claims including the Rum, Rye and Dum claims, from their various owners. Ivanhoe performed a soil geochemical survey in two zones of the Rhosgobel intrusive stock in Aug/93 and added the Wet 1-28 cl (YB45604) in Sep/93. In 1994, Ivanhoe was acquired by First Dynasty Mines Ltd. In Sep/94 First Dynasty constructed drill pads and access roads to the Saddle and Rhosgobel zones.

In Jun/95 Kennecott Canada Inc optioned the Clear Creek area claims and carried out a large exploration program on the Clear Creek claims including a reverse circulation drilling on the Rhosgobel stock, soil sampling, geological mapping, trenching and road

YUKON MINFILE
MASTER REPORT
YUKON GEOLOGY PROGRAM
WHITEHORSE

building throughout the claim block. In Nov/95 Kennecott dropped its option.

B. Lueck and R. Wongda staked the Far 1-64 cl (YB42003) and Far 65-70 cl (YB29811) in May/93 and optioned them to Farallon Resources Ltd. In July and Aug/93 Farallon carried out reconnaissance sampling on the claims. Farallon dropped its option at the end of the summer. In the summer of 1994 Lueck carried out a detailed soil sample survey in the north-western end of the property for Thor Explorations Ltd, a company controlled by Lueck. L. Hart restaked the Far cl 1-64 (YB42003) in Dec/94.

B. Lueck staked the TP cl 2, 4-8, (YB48042) 6 km south of the occurrence in Mar/94. L. Hart restaked the claims in Dec/94. Lueck staked the JD cl 1-91 (YB48278) south of the Wet claims in Mar/94. L. Hart restaked JD cl 33-64 (YB48310) and 87-91 (YB48342) in Dec/94. In Sept/95 JD cl 1-32 (YB48278) and JD A (YB48347) were transferred to L. Hart.

D. Trudea and D. Jackson staked the Hail claims southwest of the occurrence in July/94.

New Millennium Mining Inc., an wholly owned subsidiary of First Dynasty, becomes operator of the Clear Creek project in 1996.

CAPSULE GEOLOGY

The Rhosgobel claims were staked on a weakly quartz veined porphyritic granite stock of mid- Cretaceous age, which intrudes metasedimentary rocks of the Late Proterozoic to Early Cambrian Hyland Group. Scheelite occurs with gold and arsenopyrite in and occasionally disseminated between quartz veins in the granite, and in diopside skarns along the margins of the stock.

Skarn specimens assayed up to 1.3% WO₃, but the overall grade of the stockwork zone was estimated to be less than 0.05% WO₃. Quartz vein specimens assayed up to 45 ppb Au and 46 ppb Ag. Minor cassiterite occurs in greisen breccias above a granitic cupola.

The Jub claims were staked on silver geochemical anomalies. The 1981 sampling outlined three anomalies. A gold anomaly averaging 300 ppb extends for 800 m over the hornfels zone on the south side of the Pukelman stock. Specimens of quartz with arsenopyrite from a stockwork in the hornfels zone assayed up to 45.0 g/t Au and 46 g/t Ag.

In the central part of the grid, a strong northeast-trending tungsten-gold anomaly covers an area 1 000 x 400 m underlain by porphyritic quartz monzonite, and an east-trending tungsten anomaly (40 to 560 ppm W) coincides with the south contact of the Rhosgobel stock. Soil sampling in 1988 returned several values up to 408 ppb Au, and a specimen of quartz vein float assayed 1141 ppb Au.

Murphy et al. (1993) noted a strong correlation between gold, bismuth and tungsten on the Rhosgobel property. Four specimens of quartz vein material contained between 2 330 and 15 000 ppb Au, 26 to 318 ppm Bi and 55 ppm to 0.2% W.

Kennecott completed 27 reverse circulation holes totalling 1 970.5 m on the Rhosgobel stock. The drilling tested a 1.5 by 2.5 km area of anomalous Au geochemistry associated with sheeted quartz veins in the stock. The drilling program delineated a zone about 1 200 m by 200 m by 65 m deep (about 40 million tonnes) with a potential average Au grade greater than 300 ppb. This zone contains a higher grade core with a potential for about 2 million tonnes grading >1 gram per tonne Au. Kennecott also constructed access roads and collected two lines of soil samples south of the Rhosgobel stock. None of the samples returned anomalous values.

Farallon Resources Ltd collected 8 rock and 15 soil samples on their two visits to the property. The soil samples returned a high of 50 ppb Au while the rock samples returned a high of 341 ppb Au. Lueck's 1994 detailed soil sample survey was centered over a portion of the Rhosgobel Pluton believed to have potential for an intrusive hosted gold deposit. A widespread north-west trending Au in soil anomaly was outlined with several zones returning values in excess of 100 ppb Au.

REFERENCES

- AURUM GEOLOGICAL CONSULTANTS INC, Apr/95. Assessment Report #093289 by R.A. Doherty and J. vanRanden.
- CANADA TUNGSTEN MINING CORP., Assessment Report #090926 by R. Rainbird and D. Kelly.
- EMOND, D.S., 1985. Tin and tungsten veins and skarns in the McQuesten River Area. In: Exploration in Yukon Overview, Appendix C; Exploration and Geological Services Division, DIAND Open File.
- EMOND, D.S., 1992. Petrology and geochemistry of tin and tungsten mineralized plutons, McQuesten River Region, Central Yukon. In: Yukon Geology, Vol. 3, Exploration and Geological Services Division, DIAND, p. 167-195.
- EMOND, D.S., and LYNCH, T., 1992. Geology, mineralogy and geochemistry of tin and tungsten veins, breccias and skarns, McQuesten River region (115P (North) and 105M 13), Yukon. In: Yukon Geology, Vol. 3, Exploration and Geological Services Division, DIAND, p. 133-159.
- FARALLON RESOURCES LTD., Jan/95. Assessment Reports #093312 & #093313 by G. Gorzynski.
- GARRETT, R.G., 1971. Molybdenum, tungsten and uranium in acid plutonic rocks as a guide to regional exploration, SE Yukon. Canadian Mining Journal, Apr/71, p. 37-40.
- GEOLOGICAL SURVEY OF CANADA, Open File Report 51.
- GOLDRITE MINING CORP., Sep/89 Assessment Report #092748 by S.D. Robinson and R.A. Doherty.
- IVANHOE GOLDFIELDS LTD, Aug/93. Assessment Report #093161 by D.B. Fleming.
- KENNECOTT CANADA INC, Feb/95. Assessment Report #093372 by S. Coombes.
- MINERAL INDUSTRY REPORT 1971-72, p. 9.

MURPHY, D.C., HÉON, D., AND HUNT, J., 1993a. Geological overview of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.

MURPHY, D.C., HÉON, D., AND HUNT, J., 1993b. Geological map of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1993-1(G), 1:50 000.

THOR EXPLORATIONS LTD., Apr/95. Assessment Reports #093310 & #093311 by B. Lueck.

UNITED KENO HILL MINES LTD, Mar/72. Assessment Report #061132 by R.J. Joy & R.E. Van Tassell.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 278.

YUKON EXPLORATION AND GEOLOGY 1981, p. 228-229; 1982, p. 216.

YUKON EXPLORATION & GEOLOGY 1995, p. 13-14, 16.

MINFILE NUMBER: **115P.013**

NAME (S): PUKELMAN

STATUS: DRILLED PROSPECT

MINING DISTRICTS: DAWSON

NTS MAP (1:250000): MCQUESTEN

UTM ZONE: 8

NTS MAP (1:50000): 115P14

NORTHING: 7083855

EASTING: 398680

LATITUDE: 63° 52' 2" N

LONGITUDE: 137° 3' 43" W

LOCATION ACCURACY: .5 Kilometres

CLAIMS: RUM

START: END:

COMMENT:

MINERALS:

SIGNIFICANT: SCHEELITE

COMMENTS: Sheeted quartz k-feldspar vein: containing scheelite molybdenite in pukelman stock. Gold-bearing arsenophite galena and scheelite in quartz veins and stockwork adjacent to stock.

ASSOCIATED: PYRITE

MOLYBDENITE

COMMENT: Veins and stockwork.

ALTERATION: CLAY

MANGANITE

LIMONITE

AUGELITE

COMMENT: Clay altered adjacent to stockwork zones, manganese and limonite stained, fault gouge.

ALTERATION TYPE: CLAY

OXIDATION

DEPOSIT:

TYPE: PORPHYRY

AGE OF MINERALIZATION : (Era) : (Period) :

Start :

End :

Isotopic Age :

Material :

COMMODITY:

Major:

Minor:

Trace:

GOLD

TECTONIC ELEMENT: MCQUESTEN PLUTONIC SUITE

METAMORPHISM:

Type(s):

Grade(s):

REGIONAL

HORNFELS

GREENSCHIST

Comment: Hornfels adjacent to stock.

OWNER/OPERATOR:

YEAR	OWNER/OPERATOR	COMMENT
1971	STANDARD OIL COMPANY OF B.C. LIMITED	Staked as Pukelman
1971	CANADA TUNGSTEN MINING CORPORATION LIMITED	Staked as Pukelman.
1978	THOM, A.	SW side restaked as Rain claims.
1978	HUTTON, D.	SE side restaked as Bee claim.

YUKON MINFILE
 MASTER REPORT
 YUKON GEOLOGY PROGRAM
 WHITEHORSE

1980	CANADA TUNGSTEN MINING CORPORATION LIMITED	Optioned Rain & Bee groups & added CC cl
1987	ROBERTSON, A.	Restaked as Rum claims.
1987	MCCRORY, K.	Restaked as Rum claims.
1987	M. E. COMPU SOFTWARE INCORPORATED	Optioned Rum claims.
1988	GOLDRITE MINING CORPORATION	Name changed from M.E. Compu Software.
1991	ROBERTSON, R.	STAKED MORE RUM CLAIMS
1992	NORANDA EXPLORATION COMPANY LIMITED	OPTIONS THE CLEAR CREEK PROPERTY.
1994	FIRST DYNASTY MINES LIMITED	FIRST DYNASTY TAKES OVER IVANHOE
1995	KENNECOTT CANADA INCORPORATED	OPTIONS PROPERTY EARLY 1995 AND DROPS OPTION IN NOVEMBER OF SAME YEAR.
1996	NEW MILLENNIUM MINING LIMITED	WHOLLY OWNED SUBSIDIARY OF FIRST DYNASTY BECOMES OPERATOR.

WORK HISTORY:

YEAR RANGE: 1969 TO 1969

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
SOIL SAMPLING	0	0	
GEOLOGICAL MAPPING	0	0	
STAKING	0	0	

COMMENT:

YEAR RANGE: 1978 TO 1978

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
STAKING	0	0	

COMMENT:

YEAR RANGE: 1981 TO 1982

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
GEOCHEMICAL SAMPLING	0	0	
GEOLOGICAL MAPPING	0	0	

COMMENT:

YEAR RANGE: 1987 TO 1987

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
GEOCHEMICAL SAMPLING	0	0	
PROSPECTING	0	0	
STAKING	0	0	

COMMENT:

YEAR RANGE: 1988 TO 1988

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
DIAMOND DRILLING	8	1236.56	METRES
BULLDOZER TRENCHING	0	0	
GEOPHYSICAL SURVEY	0	0	
SOIL SAMPLING	0	0	
GEOCHEMICAL SAMPLING	0	0	

COMMENT: 8 trenches, 5 reached bedrock. VLF-EM & MAG surveys.

EXPLORATION RESULTS:

Geochemical (Strong):

Commodity	Sample Type
GOLD	SOIL SAMPLE

Geochemical (Weak):

Commodity	Sample Type
-----------	-------------

Geophysical:

Visual:

RESERVES:

HOST ROCK:

DOMINANT HOST ROCK: METASEDIMENTARY

AGE (Era)

(Period)

HOST ROCK GROUP: HYLAND

Start: PROTEROZOIC

FORMATION:

End: PALEOZOIC

CAMBRIAN

DATING METHOD:

INFORMAL ROCK UNIT:

ISOTOPIC AGE:

MATERIAL DATED:

LITHOLOGIES: SCHIST
 GNEISS
 QUARTZITE

COMMENT:

DOMINANT HOST ROCK: PLUTONIC

AGE (Era)

(Period)

HOST ROCK GROUP:

Start: MESOZOIC

CRETACEOUS

FORMATION:

End: MESOZOIC

CRETACEOUS

DATING METHOD:

INFORMAL ROCK UNIT: PUKELMAN STOCK

ISOTOPIC AGE:

MATERIAL DATED:

LITHOLOGIES: PORPHYRITIC GRANITE

COMMENT:

CAPSULE WORK HISTORY

Discovered by Canada Tungsten Mg CL in 1969 and staked as the Pukelman cl (Y65043) in Jul/71 in a joint venture with Standard OC of BC L. The showing was mapped and grid sampled later in the year.

The southwest side was restaked as Rain cl (YA31503) in Aug/78 by A. Thom, while the SE side was restaked as Bee cl (YA31794) in Sep/78 by D. Hutton. Canada Tungsten Mg Corp L. optioned the Rain and Bee groups and added a large block of CC cl (YA53321) in Sep/80 and explored with geological and geochem surveys in 1981 and 1982.

Restaked as Rum cl (YA88956) in Apr/87 by R. Robertson & K. McCrory and optioned to M.E. Compu Software Inc, which carried out prospecting and geochem sampling in 1987 and changed its name to Goldrite Mg Corp and explored with geochem, VLF-EM and mag surveys and 8 diamond drill holes in 1988. Robertson added further Rum cl (YB89345) in Jan/91. Several of the Rum and Rye claims were transferred to K. McCrory and R. Robertson in Feb/92. Noranda Exploration Co. Ltd optioned the property and conducted a drilling program on the Rum 16 etc cl (YA88971) in 1992. Noranda relinquished its option and Ivanhoe Goldfields Ltd optioned all of the Clear Creek claims in late 1992.

In 1994, First Dynasty acquires Ivanhoe. In Jun/95 Kennecott Canada Inc optioned the Clear Creek area claims (including the Rum and CC claims) and carried out a large exploration program between June and Sept/95 including reverse circulation drilling on the Rhosgobel stock, and soil sampling, geological mapping, trenching and road building throughout the claim block. In Nov/95 Kennecott dropped its option. New Millennium Mining Corp., an wholly owned subsidiary of First Dynasty, becomes the operator.

CAPSULE GEOLOGY

Sheeted quartz-K feldspar veins containing scheelite, molybdenite and pyrite occur within a mid-Cretaceous stock of biotite-hornblende granite which intrudes metasedimentary rocks of the Late Proterozoic-Early Cambrian Hyland Group. The best developed vein system underlies an area about 150 x 150 m and grades less than 0.05% WO₃. Some scheelite is also disseminated within the intrusion. Gold-bearing arsenopyrite, galena and scheelite occur in sheeted quartz veins and argillically altered stockwork zones peripheral to the stock. Specimens of vein material assay up to 45.0 g/t Au and 227.7 g/t Ag.

The 1988 soil survey outlined two parallel, east-west anomalies (400 x 300 m and 300 x 200 m) with values over 500 ppb Au and as high as 4 220 ppb Au. Quartz porphyry float from the main (Saddle) zone contained pyrite and arsenopyrite and returned assays as high as 4290 ppb Au. A large irregular-shaped anomaly on the southeast corner of the Pukelman grid is called the Contact zone. In the Contact zone, quartz-arsenopyrite float containing between 8.9 and 194.5 ppb Au was found near the intersection of a northeast-trending fault and a quartz porphyry dyke.

Goldrite's trench #3 tested a 3 780 ppb Au soil anomaly on the Contact zone, and exposed a fault zone and dyke striking 060°. A 1.0 m chip sample of manganese-stained quartzite with quartz-arsenopyrite veins contained 8740 ppb Au. Trench #5 tested a 3 357 ppb Au soil anomaly and returned values of 916 and 840 ppb Au across 1.0 m of oxidized sericite schist. Trench #6 tested a 1 626 ppb Au soil anomaly. Narrow quartz-arsenopyrite veins assayed up to 60.0 g/t Au. A 0.55 m chip sample of clay-altered biotite-feldspar

porphyry contained 5 100 ppb Au.

The 1988 drillholes tested the Contact zone soil anomaly over a strike length of 250 m. Each hole intersected the same northeast-trending fault marked by limonite and gouge, and associated with bleaching, argillization, sericitization and silicification of the porphyry and metasedimentary wall rocks. Narrow stringers of quartz, arsenopyrite and pyrite occur in the fault zone, and arsenopyrite and pyrite are disseminated in the dyke. Intersections from the fault zone assayed up to 2.19 g/t Au over 3.55 m and 4.68 g/t Au over 1.80 m, with values as high as 8.60 g/t Au over 1.1 m in the immediate hanging wall. At the east end of the Contact zone, a quartz-arsenopyrite vein in the footwall assayed 1.01 g/t Au over 4.3 m.

Murphy et al. (1993) obtained up to 960 ppb Au from specimens of intrusive float cut by thin quartz veins, but no bismuth was detected.

Kennecott constructed 2 drill pads near the Pukelman occurrence but did no other work.

REFERENCES

- EMOND, D.S., 1985. Tin and tungsten veins and skarns in the McQuesten River Area. In: Exploration in Yukon Overview, Appendix C; Exploration and Geological Services Division, DIAND Open File.
- EMOND, D.S., 1992. Petrology and geochemistry of tin and tungsten mineralized plutons, McQuesten River Region, Central Yukon. In: Yukon Geology, Vol. 3, Exploration and Geological Services Division, DIAND, p. 167-195.
- EMOND, D.S., and LYNCH, T., 1992. Geology, mineralogy and geochemistry of tin and tungsten veins, breccias and skarns, McQuesten River region (115P (North) and 105M 13), Yukon. In: Yukon Geology, Vol. 3, Exploration and Geological Services Division, DIAND, p. 133-159.
- GARRETT, R.G., 1971. Molybdenum, tungsten and uranium in acid plutonic rocks as a guide to regional exploration, SE Yukon. Canadian Mining Journal, Apr/71, p. 37-40.
- GEOLOGICAL SURVEY OF CANADA, Open File Report 51.
- KENNECOTT CANADA INC, Feb/95. Assessment Report #093372 by S. Coombes.
- MURPHY, D.C., HÉON, D., AND HUNT, J., 1993a. Geological overview of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.
- MURPHY, D.C., HÉON, D., AND HUNT, J., 1993b. Geological map of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1993-1(G), 1:50 000.
- YUKON EXPLORATION AND GEOLOGY 1981, p. 228.
- YUKON EXPLORATION & GEOLOGY 1995, p. 13-14, 16.

MINFILE NUMBER: **115P 023**

NAME (S): LEWIS

SLEET

STATUS: DRILLED PROSPECT

MINING DISTRICTS: DAWSON

NTS MAP (1:250000): MCQUESTEN

UTM ZONE: 8

NTS MAP (1:50000): 115P\14

NORTHING: 7081159

EASTING: 395886

LATITUDE: 63° 50' 32" N

LONGITUDE: 137° 7' 1" W

LOCATION ACCURACY: .5 Kilometres

CLAIMS:

COMMENT:

MINERALS:

SIGNIFICANT:

COMMENTS:

ASSOCIATED: QUARTZ
 PYRITE

COMMENT: Auriferous arsenopyrite in quartz veins and auriferous massive pyrite bands.

ALTERATION: SERICITE
 CLAY
 PYRITE

COMMENT: Pyrite - sericite - quartz - clay gouge zone.

ALTERATION TYPE: SERICITIC

CLAY
 SILICIFICATION

DEPOSIT:

TYPE: VEIN

AGE OF MINERALIZATION : (Era) : (Period) :

Start :

End :

Isotopic Age :

Material :

COMMODITY:

Major: Minor: Trace:

GOLD

TECTONIC ELEMENT: SELWYN BASIN

METAMORPHISM:

Type(s): Grade(s):

REGIONAL GREENSCHIST

Comment:

OWNER/OPERATOR:

YEAR OWNER/OPERATOR

COMMENT

1902 PRIEST, E.D.

Staked along with others 10-15 claims.

1974 ASARCO

Staked as Gulch claims.

1977 HUTTON, T.

Restaked on southeast side - Mike claim.

1978 HARPER, N.

Restaked on southwest side - wide claim.

YUKON MINFILE
 MASTER REPORT
 YUKON GEOLOGY PROGRAM
 WHITEHORSE

1980	CANADA TUNGSTEN MINING CORPORATION LIMITED	Restaked as part of CE claim block.
1987	SECRET PASS MINERALS LIMITED	Optd. property & adjacent wind & rain cl
1987	BLACKSTONE PLACER MINING LIMITED	Restaked as sleet claims.
1992	IVANHOE MINES LIMITED	TAKES OPTION ON ALL CLEAR CREEK PROPERTY
1994	FIRST DYNASTY MINES LIMITED	TAKES OVER IVANHOE AND ACQUIRES CLEAR CREEK PROPERTY.
1996	NEW MILLENNIUM MINING LIMITED	WHOLLY OWNED SUBSIDIARY OF FIRST DYNASTY BECOMES OPERATOR.

WORK HISTORY:

YEAR RANGE: 1902 TO 1902

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
HAND TRENCHING	0	0	
STAKING	0	0	

COMMENT:

YEAR RANGE: 1974 TO 1974

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
STAKING	0	0	
GEOLOGICAL MAPPING	0	0	
SOIL SAMPLING	0	0	

COMMENT:

YEAR RANGE: 1977 TO 1977

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
STAKING	0	0	

COMMENT:

YEAR RANGE: 1980 TO 1980

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
STAKING	0	0	

COMMENT:

YEAR RANGE: 1981 TO 1981

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
GEOCHEMICAL SAMPLING	0	0	
GEOLOGICAL MAPPING	0	0	

COMMENT:

YEAR RANGE: 1987 TO 1987

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
STAKING	0	0	
LINECUTTING	0	0	
SOIL SAMPLING	0	0	
BULLDOZER TRENCHING	0	0	

COMMENT:

YEAR RANGE: 1989 TO 1989

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
DIAMOND DRILLING	4	276	METRES

COMMENT:

YEAR RANGE: 1992 TO 1992

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
TRENCHING	0	0	

COMMENT:

YEAR RANGE: 1995 TO 1995

WORK TYPE #DRILL HOLES AMOUNT UNIT

ROAD CONSTRUCTION

COMMENT: ROADS CONSTRUCTED AS PART OF KENNECOTT'S EXPLORATION PROGRAM ON THE CLEAR CREEK PROJECT

EXPLORATION RESULTS:

Geochemical (Strong):

Commodity Sample Type

Geochemical (Weak):

Commodity Sample Type

Geophysical:

INDUCED POLARIZATION

Visual:

RESERVES:

HOST ROCK:

DOMINANT HOST ROCK: METASEDIMENTARY

AGE (Era) (Period)

HOST ROCK GROUP: HYLAND

Start: PROTEROZOIC

FORMATION:

End: PALEOZOIC

CAMBRIAN

DATING METHOD:

INFORMAL ROCK UNIT:

ISOTOPIC AGE:

MATERIAL DATED:

LITHOLOGIES: SCHIST
 QUARTZITE
 PHYLLITE

COMMENT:

DOMINANT HOST ROCK: PLUTONIC

AGE (Era) (Period)

HOST ROCK GROUP: UNSPECIFIED

Start: MESOZOIC

CRETACEOUS

FORMATION:

End: MESOZOIC

CRETACEOUS

DATING METHOD:

INFORMAL ROCK UNIT:

ISOTOPIC AGE:

MATERIAL DATED:

LITHOLOGIES: GRANODIORITE

COMMENT:

CAPSULE WORK HISTORY

About 10 to 15 claims were staked in this vicinity in October/02. One group staked by E.D. Priest, et al. (Mineral Hill, Red Fox, etc (2412)) was located 22.4 km above the mouth of Left Clear Creek straddling a main fork (possibly Lewis Gulch). Another group (Uranus, etc (2415)) was located between the Left Fork and 65 Pup. Old hand pits are common in this area.

Staked as Gulch cl (Y82480) in May/74 by Asarco, which conducted mapping and soil sampling; and restaked on the southeast side as Mike cl (YA10868) in Oct/77 by T. Hutton and on the southwest side as Wind cl (YA31854) in Oct/78 by N. Harper, who trenched in 1979 and 1987.

Restaked as part of a large block of CC cl (YA53321) in Sep/80 by Canada Tungsten Mg Corp L, which performed mapping and geochemical sampling in 1981.

Restaked as Sleet cl (YB4262) in Sep/87 by Blackstone Placer Mg L, which optioned them to Secret Pass Mls L later that year. Secret Pass also optioned the Wind & Rain cl and conducted linecutting, soil sampling, trenching and IP and VLF surveys in 1987 and 276 m of diamond drilling in 4 holes in 1989.

N. Harper performed stripping and trenching on the Sleet claims in 1992. In late 1992 Ivanhoe Goldfields optioned all of the Clear Creek claims including the CC, Wind, Sleet and Rain claims.

In 1994, Ivanhoe is acquired by First Dynasty Mines Ltd. In Jun/95 Kennecott Canada Inc optioned the Clear Creek area claims (including the Wind and Sleet claims) and carried out a large exploration program including reverse circulation drilling on the Rhosgobel stock and soil sampling, geological mapping, trenching and road building throughout the claim block. In Nov/95 the Kennecott dropped

its option.

New Millennium, an wholly owned subsidiary of First Dynasty, becomes operator of the Clear Creek project. The company does limited trenching on the Barney Ridge and Saddle zones in 1997.

CAPSULE GEOLOGY

Narrow, gold-bearing quartz-arsenopyrite veins and extensive gold geochemical anomalies are associated with parts of a Cretaceous granodiorite stock and its contact with metasedimentary rocks of the Late Proterozoic-Early Cambrian Hyland Group.

In June 1987, placer operations encountered nearly massive pyrite-sericite mineralization on both sides of a steeply dipping east-trending gouge-filled fault in the creek bed. Massive pyrite bands up to 1 m thick contain 50 to 80% pyrite in a quartz gangue and dip 20° north, parallel to bedding in the host sericite-biotite phyllite. Samples contained up to 9.22 g/t Au across 1.0 m. The area of interest coincides with a 500 x 200 m IP anomaly, but VLF response is flat.

All of the 1989 drillholes encountered thick sections of graphitic argillite with pyrite along the schistosity. Drillholes RWS-89-1 and 89-4 intersected the fault zone. Hole 89-1 returned 18.71 g/t Au over 0.49 m of pyrite-sericite-quartz-clay gouge in the fault. No evidence of stratabound mineralization was seen in the drillholes.

Kennecott mapped along Left Clear Creek where it had incomplete information but did no other work.

REFERENCES

KENNECOTT CANADA INC, Feb/96. Assessment Report #093372 by S. Coombes.

MURPHY, D.C., HÉON, D., AND HUNT, J., 1993a. Geological overview of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.

MURPHY, D.C., HÉON, D., AND HUNT, J., 1993b. Geological map of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1993-1(G), 1:50 000.

SECRET PASS MINERALS CORP., Nov/87. Assessment Report #062292 by D.G. Allen.

SECRET PASS MINERALS CORP., Jul/89. Assessment Report #092752 by J.C. Stephen and S. Feulgen.

YUKON MINING AND EXPLORATION OVERVIEW 1989, p. 8, 10.

YUKON EXPLORATION & GEOLOGY 1995, p. 13-14, 16.

YUKON MINFILE
 MASTER REPORT
 YUKON GEOLOGY PROGRAM
 WHITEHORSE

MINFILE NUMBER: **115P 034**

NAME (S): BARNEY

STATUS: SHOWING

NTS MAP (1:250000): MCQUESTEN

NTS MAP (1:50000): 115PY14

LATITUDE: 63° 48' 47" N

LONGITUDE: 137° 16' 11" W

LOCATION ACCURACY: .5 Kilometres

CLAIMS:

COMMENT:

MINING DISTRICTS: DAWSON

UTM ZONE:

8

NORTHING:

7078169

EASTING:

388259

MINERALS:

SIGNIFICANT: CASSITERITE

COMMENTS: Found in stream sediments and cassiterite. Also found in Greissen veins and Breccias.

ASSOCIATED: QUARTZ

MUSCOVITE

SCHEELITE

COMMENT: Quartz-muscovite Greissen veins and Breccias.

ALTERATION:

COMMENT:

ALTERATION TYPE:

DEPOSIT:

TYPE: VEIN

AGE OF MINERALIZATION : (Era) : (Period) :

Start :

End :

Material :

Isotopic Age :

COMMODITY:

Major:

TIN

Minor:

TUNGSTEN

Trace:

TECTONIC ELEMENT: SELWYN BASIN

METAMORPHISM:

Type(s):

REGIONAL

Comment:

Grade(s):

GREENSCHIST

OWNER/OPERATOR:

YEAR OWNER/OPERATOR

1979 WELCOME NORTH MINES LIMITED
 1980 CANADA TUNGSTEN MINING CORPORATION LIMITED

1993 IVANHOE MINES LIMITED

1994 FIRST DYNASTY MINES LIMITED

1995 KENNECOTT CANADA INCORPORATED

1996 NEW MILLENNIUM MINING LIMITED

1996 KLASSEN, J.

COMMENT

Staked as Patty & Lake claims.
 Restaked as Sluggo claim.

STAKED CC CLAIMS
 ACQUIRES IVANHOE AND CLEAR CREEK PROPERTIES
 OPTIONS CLEAR CREEK PROPERTY. DROPS OPTION IN
 NOVEMBER OF SAME YEAR.

Wholly owned subsidiary of First Dynasty Mines, acquires CC
 claims.

Staked Turkey cl 1-24 5 km to the southwest.

WORK HISTORY:

YEAR RANGE: 1979 TO 1980

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
STAKING	0	0	

COMMENT:

YEAR RANGE: 1981 TO 1981

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
GEOCHEMICAL SAMPLING	0	0	
GEOLOGICAL MAPPING	0	0	

COMMENT:

YEAR RANGE: 1994 TO 1994

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
STAKING			

COMMENT: IVANHOE STAKES THE CC CLAIMS

YEAR RANGE: 1995 TO 1995

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
ROAD CONSTRUCTION			
GEOLOGICAL MAPPING			

COMMENT: KENNECOTT WORK INCLUDES SOME LIMITED EXAMINATION OF THE BARNEY

YEAR RANGE: 1997 TO 1997

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
TRENCHING			

COMMENT: THREE TRENCHES EXCAVATED NEAR SMALL CRETACEOUS STOCK

EXPLORATION RESULTS:

Geochemical (Strong):		Geochemical (Weak):	
Commodity	Sample Type	Commodity	Sample Type

Geophysical: Visual:

RESERVES:

HOST ROCK:

DOMINANT HOST ROCK: METASEDIMENTARY	AGE (Era)	(Period)
HOST ROCK GROUP: HYLAND FORMATION:	Start: PROTEROZOIC	
	End: PALEOZOIC	CAMBRIAN

INFORMAL ROCK UNIT: DATING METHOD:
 ISOTOPIC AGE:
 MATERIAL DATED:

LITHOLOGIES: SCHIST
 PHYLLITE
 QUARTZITE

COMMENT:

CAPSULE WORK HISTORY

Staked as Patty and Cake cl (YA32227) in Apr/79 by Welcome North ML. Restaked as Sluggo cl (YA53782) in Sep/80 by Canada Tungsten Mg Corp L, which performed mapping and geochem sampling in 1981. The adjacent CC 1-96 cl (YB45087) were staked by Ivanhoe Goldfields in Jul/93.

In Feb/94, First Dynasty Mines Ltd acquired Ivanhoe Goldfields and the Clear Creek property. In Jun/95 Kennecott Canada Inc optioned the Clear Creek area claims (including the CC claims) and carried out a large exploration program including a reverse circulation drilling program on the Rhosgobel stock and soil sampling, geological mapping, trenching and road building throughout the claim block. In Nov/95 the Kennecott dropped its option. New Millennium Mining Ltd, a wholly owned subsidiary of First Dynasty, became operator in 1996.

J. Klassen staked Turkey cl 1-24 (YB94782) 5 km to the southwest in Oct/96.

New Millennium carried out a limited trenching program on the Barney Ridge (three trenches) and Saddle zones (one trench) in the fall of 1997. Five 1000 meter soil lines were also completed near the northeastern boundary of the property.

CAPSULE GEOLOGY

The original claims straddle Clear Creek upstream from Barney Gulch, where a concentration of scheelite and cassiterite was encountered by a placer dredge in 1944. Iron-stained quartz-muscovite greisen veins and breccias containing minor cassiterite cut schist and phyllite of the Late Proterozoic-Early Cambrian Hyland Group.

Ivanhoe staked the Mid-Cretaceous Barney stock, which intrudes metasedimentary rocks of the Late Proterozoic-Early Cambrian Hyland Group. Ivanhoe theorized that the stock hosted narrow, gold-bearing quartz-arsenopyrite veins like those found at other nearby intrusions. Contour soil sampling carried out over the stock returned low Au values thus suggesting low potential for auriferous sheeted vein mineralization. Mapping and trenching on Barney ridge outlined two localities of quartz-eye porphyritic granitic dykes intruding inter-bedded muscovite phyllite and micaceous quartzite. The dykes range from 2 to 20 m in width and appear to occupy shear zones paralleling and crosscutting foliation. Samples collected from the dykes and related sheared wall rocks returned low Au values.

REFERENCES

EMOND, D.S., 1985. Tin and tungsten veins and skarns in the McQuesten River area. In: 1985 Exploration in Yukon Overview, Appendix C (Open File), Exploration and Geological Services Division, DIAND.

GEOLOGICAL SURVEY OF CANADA. Tungsten Deposits of Canada. Economic Geology Series No. 17, p. 19.

KENNECOTT CANADA INC, Feb/96. Assessment Report #093372 by S. Coombes.

MURPHY, D.C., HÉON, D., AND HUNT, J., 1993a. Geological overview of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.

MURPHY, D.C., HÉON, D., AND HUNT, J., 1993b. Geological map of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1993-1(G), 1:50 000.

YUKON EXPLORATION AND GEOLOGY 1981, p. 228.

YUKON EXPLORATION & GEOLOGY 1995, p. 13-14, 16.

MINFILE NUMBER: **115P 035**

NAME (S): CLEMENT

STATUS: UNKNOWN

MINING DISTRICTS: DAWSON

NTS MAP (1:250000): MCQUESTEN

UTM ZONE: 8

NTS MAP (1:50000): 115P14

NORTHING: 7075078

EASTING: 392492

LATITUDE: 63° 47' 12" N

LONGITUDE: 137° 10' 54" W

LOCATION ACCURACY: 1 Kilometres

CLAIMS: BERNIE

START:

END:

HAIL

START: 1

END: 26

COMMENT:

MINERALS:

SIGNIFICANT:

COMMENTS:

ASSOCIATED:

COMMENT:

ALTERATION:

COMMENT:

ALTERATION TYPE:

DEPOSIT:

TYPE: UNKNOWN

AGE OF MINERALIZATION : (Era) :

(Period) :

Start :

End :

Isotopic Age :

Material :

COMMODITY:

Major:

Minor:

Trace:

TECTONIC ELEMENT: SELWYN BASIN

METAMORPHISM:

Type(s):

Grade(s):

REGIONAL

GREENSCHIST

Comment:

OWNER/OPERATOR:

YEAR OWNER/OPERATOR

COMMENT

1979 CLEMENT, B.

Staked as Bernie claim.

1981 RITTER, B.

Added Mary claim to west.

1994 TRUDEAU, D.

Staked Hail claims 2 km to NE.

WORK HISTORY:

YEAR RANGE: 1979

TO 1979

WORK TYPE

#DRILL HOLES

AMOUNT

UNIT

STAKING

0

0

COMMENT:

YUKON MINFILE
 MASTER REPORT
 YUKON GEOLOGY PROGRAM
 WHITEHORSE

YEAR RANGE: 1980	TO 1980			
<u>WORK TYPE</u>		<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
HAND TRENCHING		0	0	
COMMENT:				
YEAR RANGE: 1981	TO 1981			
<u>WORK TYPE</u>		<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
STAKING		0	0	
COMMENT: Staked adjacent ground.				

EXPLORATION RESULTS:

Geochemical (Strong):

Commodity Sample Type

Geochemical (Weak):

Commodity Sample Type

Geophysical:

Visual:

RESERVES:

HOST ROCK:

DOMINANT HOST ROCK: METASEDIMENTARY

HOST ROCK GROUP: UNSPECIFIED

FORMATION:

AGE (Era)

Start: PROTEROZOIC

End: PROTEROZOIC

(Period)

LATE

LATE

DATING METHOD:

ISOTOPIC AGE:

MATERIAL DATED:

INFORMAL ROCK UNIT:

LITHOLOGIES: MICACEOUS QUARTZITE
 MICACEOUS SCHIST

COMMENT:

CAPSULE WORK HISTORY

Staked as Bernie cl (YA4714) in Aug/79 by B. Clement, who hand trenched in 1980. B. Ritter added Mary cl (YA55683) to the west in Jul/81. D. Trudeau staked Hail cl 1-26 (YB52339) 2 km northeast of the occurrence in July/94.

CAPSULE GEOLOGY

The claims, which are underlain by post-glacial stream deposits and micaceous quartzite and schist of the Late Proterozoic-Early Cambrian Hyland Group, follow Clear Creek and may have been staked to protect surface and subsurface rights in conjunction with placer mining.

REFERENCES

MURPHY, D.C., HÉON, D., AND HUNT, J., 1993a. Geological overview of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.

MURPHY, D.C., HÉON, D., AND HUNT, J., 1993b. Geological map of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1993-1(G), 1:50 000.

MINFILE NUMBER: **115P 045**

NAME (S): OMEGA

STATUS: DEPOSIT

NTS MAP (1:250000): MCQUESTEN

NTS MAP (1:50000): 115P\14

LATITUDE: 63° 59' 9" N

LONGITUDE: 137° 10' 48" W

LOCATION ACCURACY: 1 Kilometres

CLAIMS: OMEGA

HOPE

START:

START: 9

END:

END: 10

MINING DISTRICTS: DAWSON

UTM ZONE:

8

NORTHING:

7097259

EASTING:

393333

COMMENT:

MINERALS:

SIGNIFICANT: BARITE

WITHERITE

COMMENTS: Two bedded barite occurrences.

ASSOCIATED:

COMMENT:

ALTERATION:

COMMENT:

ALTERATION TYPE:

DEPOSIT:

TYPE: STRATIFORM

AGE OF MINERALIZATION :

(Era) :

(Period) :

Start : PALEOZOIC

DEVONIAN

End : PALEOZOIC

MISSISSIPPIAN

Isotopic Age :

Material :

COMMODITY:

Major:

BARITE

Minor:

SILVER

ZINC

Trace:

TECTONIC ELEMENT: SELWYN BASIN

METAMORPHISM:

Type(s):

REGIONAL

Comment:

Grade(s):

GREENSCHIST

OWNER/OPERATOR:

YEAR OWNER/OPERATOR

COMMENT

1982 MATTAGAMI LAKE MINES LIMITED

Staked as Omega claims.

1983 NORANDA MINES LIMITED

Claims transferred to Noranda.

1984 TECHNIFLUIDS LIMITED

Joint venture with Noranda.

1994 BERDAHL, R.

Restaked occurrence with Hope claims.

WORK HISTORY:

YEAR RANGE: 1982

TO 1982

WORK TYPE

#DRILL HOLES

AMOUNT

UNIT

YUKON MINFILE
 MASTER REPORT
 YUKON GEOLOGY PROGRAM
 WHITEHORSE

STAKING	0	0	
COMMENT:			
YEAR RANGE: 1983	TO 1983		
<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
GEOPHYSICAL SURVEY	0	0	
GEOCHEMICAL SAMPLING	0	0	
GEOLOGICAL MAPPING	0	0	
COMMENT: VLF-EM survey			
YEAR RANGE: 1985	TO 1985		
<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
DIAMOND DRILLING	7	333	METRES
GEOCHEMICAL SAMPLING	0	0	
GEOPHYSICAL SURVEY	0	0	
BULLDOZER TRENCHING	0	0	
STAKING	0	0	
COMMENT: Gravity survey.			
YEAR RANGE: 1994	TO 1994		
<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
PROSPECTING			
COMMENT:			

EXPLORATION RESULTS:

Geochemical (Strong):

Commodity Sample Type

Geochemical (Weak):

Commodity Sample Type

Geophysical:

Visual:

RESERVES:

ORE ZONE: OMEGA

RESERVE TYPE: OTHER

AMOUNT: 30000 tonnes Initial?: Yes

RESERVE LOCATION:

RESERVE CERTAINTY:

COMMENT: Based on exploration drilling carried out in 1985. Based on estimates using a 50 m strike length, 25 m depth and 4.0 tonnes/m³. Potential for up to 2 000 000 tonnes.

REFERENCES: Yukon Exploration 1985-1986, p. 380-381.

COMMODITY

BARITE

GRADE

88 PERCENT

HOST ROCK:

DOMINANT HOST ROCK: METASEDIMENTARY

HOST ROCK GROUP: EARN

FORMATION:

AGE (Era)

Start: PALEOZOIC

End: PALEOZOIC

(Period)

DEVONIAN

MISSISSIPPIAN

DATING METHOD:

INFORMAL ROCK UNIT:

ISOTOPIC AGE:

MATERIAL DATED:

LITHOLOGIES: QUARTZITE
 SLATE

SANDSTONE
SHALE
CONGLOMERATE
ARGILLITE

COMMENT:**CAPSULE WORK HISTORY**

Staked as Omega cl (YA65102) in Jul/82 by Mattagami Lake Minin Ltd and transferred to Noranda Exploration Company Ltd, which performed mapping and geochem and VLF EM surveys in 1983. In 1985, Technifluids Ltd added more claims and performed gravity and geochem sampling, bulldozer trenching, drilled 7 holes (333 m) and studied the feasibility of barite production in a joint venture.

Restaked as Hope (9-10) (YB48357) in April/94 by R Berdahl, who carried out a prospecting program later in the year.

CAPSULE GEOLOGY

Two bedded barite occurrences have been located in a sequence of quartzite, slate, sandstone, shale and conglomerate of the Devonian-Mississippian Earn Group. Small Cretaceous syenite plutons outcrop 1.5 km to the southwest and 2 to 4 km to the northeast.

The main occurrence was tested with 6 drill holes and consists of a finely laminated barite bed containing minor argillite interbeds. It is overlain by black graphitic argillite and underlain by a thin bedded mixture of barite, limestone and witherite. The bed ranges in true thickness from 4.9 to 38 m and is faulted off along strike and at depth. Drilling has outlined reserves of 30 000 tonnes. Because of the argillite interbeds, grade is variable (up to 88%) and some upgrading may be required before shipping.

The second occurrence lies 3 km downstream and was tested by one drill hole. The barite bed is marked by a 200 m long barite-silver-zinc soil anomaly and is 10.4 m wide where penetrated by the drill hole. Unfortunately, the upper 6.7 m of the barite layer is contaminated with carbonate.

Berdahl sampled numerous sulphurous smelling barite/shale/chert showings near the main showing. None of the samples returned anomalous values for gold or sulphides.

REFERENCES

BERDAHL, R.S. AND KNUTSON, M., Sep/95. Assessment Report #093471.

MURPHY, D.C., HÉON, D., AND HUNT, J., 1993a. Geological overview of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 61-69.

MURPHY, D.C., HÉON, D., AND HUNT, J., 1993b. Geological map of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1993-1(G), 1:50 000. Preliminary Copy

MURPHY, D.C., HÉON, D., AND HUNT, J., 1996. Geological map of Clear Creek map area, western Selwyn Basin (NTS 115P/14) Yukon. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Geoscience Map 1996-1, 1:50 000 scale.

MURPHY, D.C., 1997. Geology of the McQuesten River Region, Northern McQuesten and Mayo Map Areas, Yukon Territory (115P/14, 15, 16; 105m/13, 14) Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 6.

NORANDA EXPLORATION COMPANY LTD. AND MATTAGAMI EXPLORATION LTD, Feb/84. Assessment Report #091507 by J. Biczok.

NORANDA EXPLORATION COMPANY LTD, May/85. Assessment Report #091630 by W. Reid.

NOREX-TECHNIFLUIDS JOINT VENTURE, Mar/86. Assessment Report #091795 by W. Reid.

YUKON EXPLORATION AND GEOLOGY 1983, p. 270.

YUKON EXPLORATION 1985-86, p. 380-381

MINFILE NUMBER: 115P 047

NAME (S): ZETA

STATUS: DEPOSIT

MINING DISTRICTS: DAWSON

NTS MAP (1:250000): MCQUESTEN

UTM ZONE: 8

NTS MAP (1:50000): 115P14

NORTHING: 7097884

LATITUDE: 63° 59' 23' N

EASTING: 387873

LONGITUDE: 137° 17' 31' W

LOCATION ACCURACY: 1 Kilometres

CLAIMS: ZETA

START: END:

HOPE

START: 1 END: 4

HOPE

START: 11 END:

HOPE

START: 5 END: 8

COMMENT:

MINERALS:

SIGNIFICANT: JAMESONITE

BOULANGERITE

COMMENTS: Argentiferous galena and other minerals in three tourmaline-quartz greisen veins up to 3 meters wide in alteration envelopes, veins cut pluton and hornfelsed country rock.

ASSOCIATED: TOURMALINE

QUARTZ

PYRITE

CASSITERITE

BARITE

STANNITE

COMMENT: Tourmaline-quartz greisen veins with variable mineralogy. Bedded barite outcrops on north side of property.

ALTERATION: KAOLINITE

LIMONITE

TALC

COVELLITE

COMMENT: 10-30 m wide alteration envelopes cutting across intrusive - hornfels contact. 30-40 m thick zone of surface leaching.

ALTERATION TYPE: SERICITIC

CLAY

OXIDATION

DEPOSIT:

TYPE: VEIN

AGE OF MINERALIZATION :

(Era) :

(Period) :

Start: MESOZOIC

CRETACEOUS

End: MESOZOIC

CRETACEOUS

Isotopic Age :

Material :

COMMODITY:

Major:

Minor:

Trace:

LEAD

COPPER

SILVER

TIN

ZINC

BARITE

TECTONIC ELEMENT: TOMBSTONE PLUTONIC SUITE

METAMORPHISM:

Type(s):	Grade(s):
REGIONAL	GREENSCHIST HORNFELS

Comment: Sedimentary rocks are hornfelsed and pyritic up to 100 m away from intrusive contact.

OWNER/OPERATOR:

<u>YEAR</u>	<u>OWNER/OPERATOR</u>	<u>COMMENT</u>
1984	NORANDA MINES LIMITED	Staked as Zetz claims.
1988	DANRA RESOURCES LIMITED	Optioned property from Noranda Mines Ltd
1994	BERDAHL, R.	Restaked with Hope claims.
1997	NICHOLSON, G.	Staked Screamer cl 1-4, 19-24, and 62-70, 4 km to the southwest.
1997	INTERNATIONAL KODIAK RESOURCES INCORPORATED	Staked Bald cl 1-16, 6.5 km to the west.

WORK HISTORY:

YEAR RANGE: 1983	TO 1983			
<u>WORK TYPE</u>		<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
STAKING		0	0	
COMMENT: Staked following-up stream geochemical results.				

YEAR RANGE: 1984	TO 1984			
<u>WORK TYPE</u>		<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
DIAMOND DRILLING		10	883	METRES
GEOCHEMICAL SAMPLING		0	0	
GEOPHYSICAL SURVEY		0	0	
GEOLOGICAL MAPPING		0	0	
TRENCHING		0	0	
COMMENT: Magnetic survey, VLF-EM survey.				

YEAR RANGE: 1988	TO 1988			
<u>WORK TYPE</u>		<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
DIAMOND DRILLING		4	608.7	METRES
COMMENT:				

YEAR RANGE: 1994	TO 1994			
<u>WORK TYPE</u>		<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
PROSPECTING				
COMMENT:				

EXPLORATION RESULTS:

Geochemical (Strong):		Geochemical (Weak):	
Commodity	Sample Type	Commodity	Sample Type
COPPER	SOIL SAMPLE		
ZINC	SOIL SAMPLE		
SILVER	SOIL SAMPLE		

Geophysical:	Visual:
GRAVITY	

RESERVES:

ORE ZONE: ZETA
 RESERVE TYPE: UNSPECIFIED AMOUNT: 98248 tonnes Initial ? : No
 RESERVE LOCATION: UNSPECIFIED
 RESERVE CERTAINTY: UNSPECIFIED
 COMMENT: Drill indicated reserves.
 REFERENCES: Yukon Exploration 1988, p.220.

COMMODITY SILVER GRADE 557.8 GM/TONNE

HOST ROCK:

DOMINANT HOST ROCK: METASEDIMENTARY AGE (Era) (Period)
 HOST ROCK GROUP: EARN Start: PALEOZOIC DEVONIAN
 FORMATION: End: PALEOZOIC MISSISSIPPIAN

INFORMAL ROCK UNIT: DATING METHOD:
 ISOTOPIC AGE:
 MATERIAL DATED:

LITHOLOGIES: SHALE
 CHERT
 CONGLOMERATE
 BARITE
 SANDSTONE

COMMENT:

DOMINANT HOST ROCK: PLUTONIC AGE (Era) (Period)
 HOST ROCK GROUP: Start: MESOZOIC CRETACEOUS
 FORMATION: End: MESOZOIC CRETACEOUS

INFORMAL ROCK UNIT: SYENITE RANGE STOCK DATING METHOD:
 ISOTOPIC AGE:
 MATERIAL DATED:

LITHOLOGIES: QUARTZ SYENITE
 HORNBLLENDE SYENITE
 BIOTITE SYENITE
 ORBICULAR GRANITE
 QUARTZ MONZONITE

COMMENT:

CAPSULE WORK HISTORY

Staked as Zeta cl (YA79015) in Jun/83 by Noranda Exploration Company Ltd, which explored with trenching, mapping, mag, VLF EM and geochem surveys and 10 holes (883 m) in 1984. Noranda optioned the property in Apr/88 to Danra Resources Ltd, which drilled 4 holes (138m) later that year.

Restaked as Hope cl (1-4) (YB48348) by R. Berdahl in April/94. Berdahl also staked Hope cl (11) (YB48358) 1 km to the west and Hope cl (5-7) (YB48352) 2 km to the southeast.

In Apr/97 International Kodiak Resources Inc staked Bald cl 1-16 (YC 04287) 6.5 km to the west. Between Jun and Nov/97 G. Nickolson staked Screamer cl 1-4 (YC03395), 19-24 (YC03537) and 62-70 (YC04398) 4 km to the southwest.

CAPSULE GEOLOGY

The claims were staked on argentiferous galena veins at the contact between shale, sandstone and conglomerate of the Devonian-Mississippian Earn Group and the Syenite Range Stock, a zoned mid-Cretaceous felsic intrusion. The core of the intrusion consists of tourmaline orbicular granite, and is surrounded by concentric zones of quartz monzonite and syenite. Sedimentary rocks are hornfelsed and pyritic up to 100 m away from the intrusive contact.

The main zone, which strikes 065° and dips steeply south, cuts across the intrusive hornfels contact. It consists of three parallel tourmaline-muscovite quartz greisen veins, up to 3 m wide, enclosed by 10 to 30 m wide alteration envelopes of kaolinite, hematite, limonite and talc. This zone has been traced 500 m into the pluton and is mineralized with varying amounts of pyrite, arsenopyrite, cassiterite, sphalerite, jamesonite, covellite, chalcocite and stannite.

The 1984 drilling tested the main zone for 150 m along strike and 100 m downdip. The best assays were 751.5 g/t Ag over 4.3 m and 528.3 g/t Ag over 3.2 m. Grades appear to improve beneath a 30 to 40 m thick zone of surface leaching. Geological reserves in this zone are estimated at 98 000 tonnes grading 557.8 g/t Ag (Yukon Exploration 1988). Noranda estimated an average tin content of 0.1% with local concentrations up to 0.6%.

A second zone nearby lies completely within the homfels. It strikes 090° and has been traced for at least 400m. Mineralization in this zone is much more erratic. Other veins have been located about 2 km to the west. Two outcrops of white interlaminated barite and chert were located on the north side of the property. The barite coincides with a strong linear Cu, Zn and Ag soil anomaly that is 500 m long.

Berdahl concentrated his efforts towards extending the strike length of the known mineralization. Prospecting outlined several areas of interest which require follow up work. Panning carried out on creeks draining the Syenite Range failed to return significant gold values.

REFERENCES

- ABERCROMBIE, S.M., 1990. Petrology, geochronometry, and economic geology: The Zeta tin-silver prospect, Arsenic Ridge, west-central Yukon (115P/14 and 116A/3). M.Sc. Thesis, University of British Columbia, Vancouver, B.C.
- BERDAHL, R.S. AND KNUTSON, M., Oct/95. Assessment Report #093471 by R. Berdahl.
- DANRA RESOURCES LTD, Mar/87. Assessment Report #062287 by W.A. Hogg.
- DANRA RESOURCES LTD, Nov/88. Assessment Report #092675 by E.A. Gallo.
- EMOND, D.S., 1992. Petrology and geochemistry of tin and tungsten mineralized plutons, McQuesten River Region, Central Yukon. In: Yukon Geology, Vol. 3, Exploration and Geological Services Division, DIAND, p. 167-195.
- EMOND, D.S., and LYNCH, T., 1992. Geology, mineralogy and geochemistry of tin and tungsten veins, breccias and skarns, McQuesten River region (115P (North) and 105M 13), Yukon. In: Yukon Geology, Vol. 3, Exploration and Geological Services Division, DIAND, p. 133-159.
- GEORGE CROSS NEWSLETTER, 24 Aug/88.
- MURPHY, D.C., HÉON, D., AND HUNT, J., 1993a. Geological overview of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p.61-69.
- MURPHY, D.C., HÉON, D., AND HUNT, J., 1993b. Geological map of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1993-1(G), 1:50 000. Preliminary Copy
- MURPHY, D.C., HÉON, D., AND HUNT, J., 1996. Geological map of Clear Creek map area, western Selwyn Basin (NTS 115P/14) Yukon. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Geoscience Map 1996-1, 1:50 000 scale.
- MURPHY, D.C., 1997. Geology of the McQuesten River Region, Northern McQuesten and Mayo Map Areas, Yukon Territory (115P/14, 15, 16; 105m/13, 14) Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 6.
- NORANDA EXPLORATION COMPANY LTD, Dec/84. Assessment Report #091590 by B. Jago.
- NORANDA EXPLORATION COMPANY LTD, Feb/86. Assessment Report #091782 by S.M. Abercrombie.
- NORTHERN MINER, 25 Apr/88.
- YUKON EXPLORATION 1984, p. 220-221, 1988, p. 220.
- YUKON EXPLORATION AND GEOLOGY 1984, p. 220-221.
- YUKON MINING AND EXPLORATION OVERVIEW 1988, p. 39-40.

MINFILE NUMBER: 115P 055

NAME (S): BARNEY
 LEFT

STATUS: ANOMALY

MINING DISTRICTS: DAWSON

NTS MAP (1:250000): MCQUESTEN

UTM ZONE: 8

NTS MAP (1:50000): 115P14

NORTHING: 7081309

LATITUDE: 63° 50" 32' N

EASTING: 391461

LONGITUDE: 137° 12" 25' W

LOCATION ACCURACY: 1 Kilometres

CLAIMS: CC

START: END:

LL

START: 1 END: 120

COMMENT:

MINERALS:

SIGNIFICANT:

COMMENTS:

ASSOCIATED:

COMMENT:

ALTERATION:

COMMENT:

ALTERATION TYPE: SERPENTINE

DEPOSIT:

TYPE: UNKNOWN

AGE OF MINERALIZATION : (Era) : (Period) :

Start :

End :

Isotopic Age :

Material :

COMMODITY:

Major:

Minor:

Trace:

ANTIMONY

ARSENIC

GOLD

TECTONIC ELEMENT: SELWYN BASIN

METAMORPHISM:

Type(s):

Grade(s):

REGIONAL

GREENSCHIST

Comment:

OWNER/OPERATOR:

YEAR OWNER/OPERATOR

COMMENT

1987 HERBERTZ, H.

Staked BHW claims.

1993 IVANHOE MINES LIMITED

Restaked occurrence with CC claims.

1994 WONDGA, R.

Staked LL claims to the north.

1994 FIRST DYNASTY MINES LIMITED

FIRST DYNASTY MINES LTD TAKEOVER OF IVANHOE
 GOLDFIELDS

1996 NEW MILLENNIUM MINING LIMITED

WHOLLY OWNED SUBSIDIARY OF FIRST DYNASTY
 BECOMES OPERATOR.

WORK HISTORY:

YEAR RANGE: 1987 TO 1987

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
STAKING	0	0	

COMMENT:

YEAR RANGE: 1994 TO 1994

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
SOIL SAMPLING	0	0	

COMMENT: Ivanhoe carried out reconnaissance scale program, no economic results.

YEAR RANGE: 1995 TO 1995

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
ROAD CONSTRUCTION			

COMMENT: KENNECOTT WORK

YEAR RANGE: 1997 TO 1997

<u>WORK TYPE</u>	<u>#DRILL HOLES</u>	<u>AMOUNT</u>	<u>UNIT</u>
TRENCHING			

COMMENT: THREE TRENCHES EXCAVATED ON CC CLAIMS

EXPLORATION RESULTS:

Geochemical (Strong):		Geochemical (Weak):	
Commodity	Sample Type	Commodity	Sample Type

Geophysical: **Visual:**

RESERVES:

HOST ROCK:

DOMINANT HOST ROCK: METASEDIMENTARY	AGE (Era)	(Period)
HOST ROCK GROUP: HYLAND	Start: PROTEROZOIC	
FORMATION: YUSEZYU	End: PALEOZOIC	CAMBRIAN
YUSEZYU	DATING METHOD:	
INFORMAL ROCK UNIT:	ISOTOPIC AGE:	
	MATERIAL DATED:	
LITHOLOGIES: QUARTZITE		
MUSCOVITE-CHLORITE SCHIST		

COMMENT:

DOMINANT HOST ROCK: PLUTONIC	AGE (Era)	(Period)
HOST ROCK GROUP:	Start: MESOZOIC	CRETACEOUS
FORMATION:	End: MESOZOIC	CRETACEOUS
	DATING METHOD:	
INFORMAL ROCK UNIT: TOMBSTONE STOCK	ISOTOPIC AGE:	
	MATERIAL DATED:	

LITHOLOGIES: GRANODIORITE

COMMENT:

CAPSULE WORK HISTORY

Staked as BHW cl (YA89857) in Aug/87 by H. Herbertz. In late 1992 Ivanhoe Goldfields Ltd optioned all of the surrounding Clear Creek claims from their various owners. Ivanhoe restaked the occurrence as the CC 1-96 cl (YB45087) in Jul/93 and added CC cl 97-131 (YB477963) in November/93. In 1994 First Dynasty Mines Ltd does takeover of Ivanhoe and becomes owner. In 1994 First Dynasty carried out reconnaissance soil sampling on CC cl 97-131.

In Jun/95 Kennecott Canada Inc optioned the Clear Creek area claims (including the CC claims) and carried out a large exploration program including reverse circulation drilling on the Rhosgobel stock, and soil sampling, geological mapping, trenching and road building throughout the claim block. In Nov/95 Kennecott dropped its option. New Millennium Mines Ltd, an wholly owned subsidiary of First Dynasty, becomes operator of the Clear Creek property. New Millennium has trenching and limited soil sampling completed on the Barney and Saddle zones in 1997.

Between February and Mar/94 R. Wondga staked LL cl 1-120 (YB48063) to the north and shortly after, optioned them to Montoro Resources Inc. In the summer of 1994 the company carried out geological mapping and grid soil sampling. In May/95 Wondga transferred LL cl 1-78 (YB48063) to Montoro Resources Inc.

CAPSULE GEOLOGY

The area is underlain by quartzite and schist of the Upper Proterozoic - Lower Cambrian Hyland Group (Tombstone Thrust deformed Yusezyu Formation) and Upper Cretaceous granodiorite stocks. Specimens of greisenized and brecciated quartzite taken by Emond and Lynch (1992) contained anomalous levels of Au, As and Sb.

A total of 16 soil samples were collected by First Dynasty in 1994. The samples generally returned low values, possibly due to the presence of deep overburden. Kennecott limited its work to mapping the bed of Left Clear Creek.

Montoro Resources centered their soil sample grid overtop a breccia zone mapped by Murphy, Heon and Hunt (1992) in 1992. The soil survey revealed several spot Au anomalies (highest = 257 ppb) but no significant anomalies.

REFERENCES

AURUM GEOLOGICAL CONSULTANTS INC, Apr/95, Assessment Report #093289 by R.A. Doherty and J. vanRanden.

EMOND, D.S., and LYNCH, T., 1992. Geology, mineralogy and geochemistry of tin and tungsten veins, breccias and skarns, McQuesten River region (115P (North) and 105M 13), Yukon. In: Yukon Geology Vol. 3, Exploration and Geological Services Division, DIAND, p. 133-159.

KENNECOTT CANADA INC, Feb/96. Assessment Report #093372 by S. Coombes.

MONTORO RESOURCES INC., Mar/96. Assessment Report #093443 by B. Lueck and DW Philip.

MURPHY, D.C., HÉON, D., AND HUNT, J., 1993a. Geological overview of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.

MURPHY, D.C., HÉON, D., AND HUNT, J., 1993b. Geological map of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1993-1(G), 1:50 000.

YUKON EXPLORATION & GEOLOGY 1995, p. 13-14, 16.

YUKON MINFILE
MASTER REPORT
YUKON GEOLOGY PROGRAM
WHITEHORSE

MINFILE NUMBER: 115P 060

NAME (S): LOST HORSES

STATUS: UNKNOWN

MINING DISTRICTS: DAWSON

NTS MAP (1:250000): MCQUESTEN

UTM ZONE:

8

NTS MAP (1:50000): 115P14

NORTHING:

7078843

LATITUDE: 63° 49' 2' N

EASTING:

382508

LONGITUDE: 137° 23' 13' W

LOCATION ACCURACY: .5 Kilometres

CLAIMS: LOST HORSES

START: 1

END: 20

HP

START: 1

END: 30

COMMENT:

MINERALS:

SIGNIFICANT:

COMMENTS:

ASSOCIATED:

COMMENT:

ALTERATION:

COMMENT:

ALTERATION TYPE:

DEPOSIT:

TYPE: UNKNOWN

AGE OF MINERALIZATION : (Era) :

(Period) :

Start :

End :

Isotopic Age :

Material :

COMMODITY:

Major:

Minor:

Trace:

TECTONIC ELEMENT: SELWYN BASIN

METAMORPHISM:

Type(s):

Grade(s):

Comment:

OWNER/OPERATOR:

YEAR OWNER/OPERATOR

COMMENT

1989 6176 YUKON LIMITED

Staked as lost horses claims.

1994 HART, L.

Staked HP claims 3 km to NW.

WORK HISTORY:

YEAR RANGE: 1989

TO 1989

WORK TYPE

#DRILL HOLES

AMOUNT

UNIT

STAKING

0

0

COMMENT:

EXPLORATION RESULTS:

Geochemical (Strong):

Commodity Sample Type

Geochemical (Weak):

Commodity Sample Type

Geophysical:

Visual:

RESERVES:

HOST ROCK:

DOMINANT HOST ROCK: METASEDIMENTARY

HOST ROCK GROUP: UNSPECIFIED

FORMATION:

INFORMAL ROCK UNIT:

LITHOLOGIES: SCHIST
 QUARTZITE
 LIMESTONE

AGE (Era)

(Period)

Start: PROTEROZOIC

LATE

End: PALEOZOIC

CAMBRIAN

DATING METHOD:

ISOTOPIC AGE:

MATERIAL DATED:

COMMENT: Upper Proterozoic (?) - Lower Cambrian Yusezyu Formation.

CAPSULE WORK HISTORY

Staked as Lost Horses cl 1-20 (YB23480) in Jun/89 by 6176 Yukon Ltd. In Dec/94 L. Hart staked the HP cl 1-30 (YB53028) 3 km northwest of the occurrence.

CAPSULE GEOLOGY

The claims are underlain by schist, quartzite and limestone of the Yusezyu Formation, part of the Late Proterozoic-Early Cambrian Hyland Group, some 3 km north of the Two Sisters Batholith, a granite intrusion of mid-Cretaceous age. No work appears to have ever been recorded on the claims.

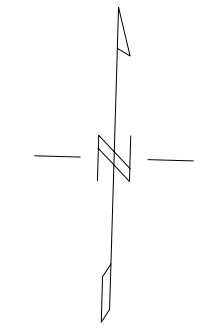
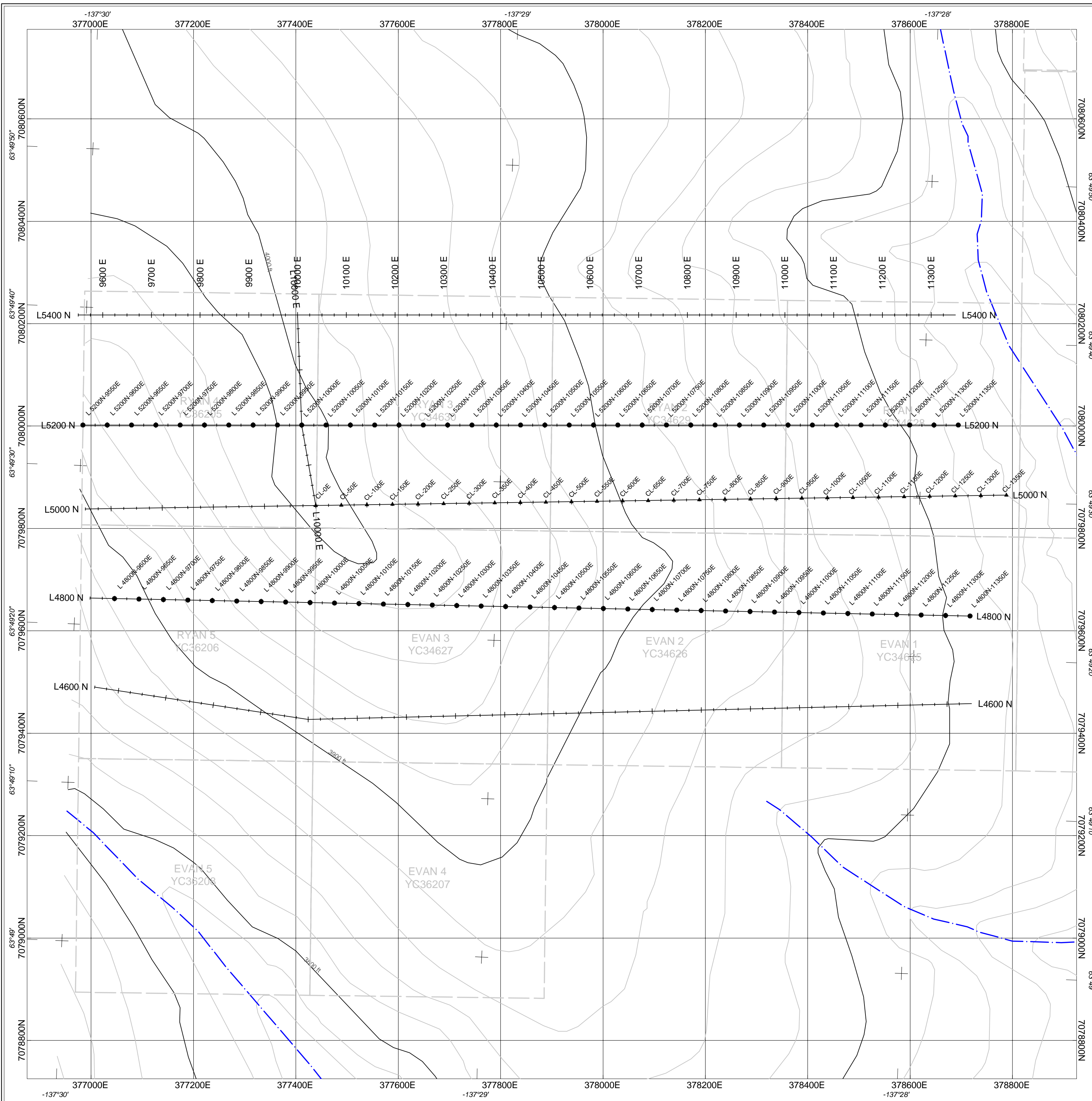
REFERENCES

MURPHY, D.C., HÉON, D., AND HUNT, J., 1993a. Geological overview of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.

MURPHY, D.C., HÉON, D., AND HUNT, J., 1993b. Geological map of Clear Creek map area, western Selwyn Basin (NTS 115P/14). In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1993-1(G), 1:50 000. (Out of Print).

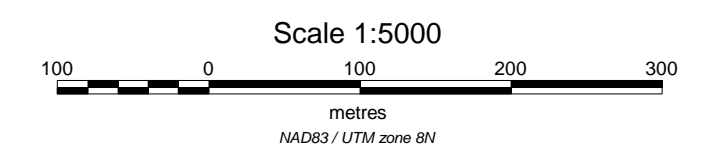
MURPHY, D.C., HÉON, D., AND HUNT, J., 1996. Geological map of Clear Creek area, western Selwyn Basin, Yukon. Exploration and Geological Services Division, Yukon. Indian and Northern Affairs Canada, Geoscience Map 1996-1, 1:50 000-scale.

MURPHY, D.C. 1996. Geology of the McQueston River region, northern McQueston and Mayo map areas, Yukon (115P/14, 15, 16 and 105M/13, 14). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 6.

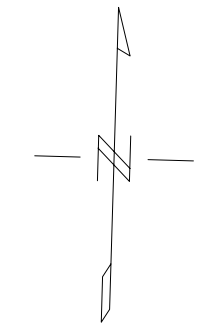
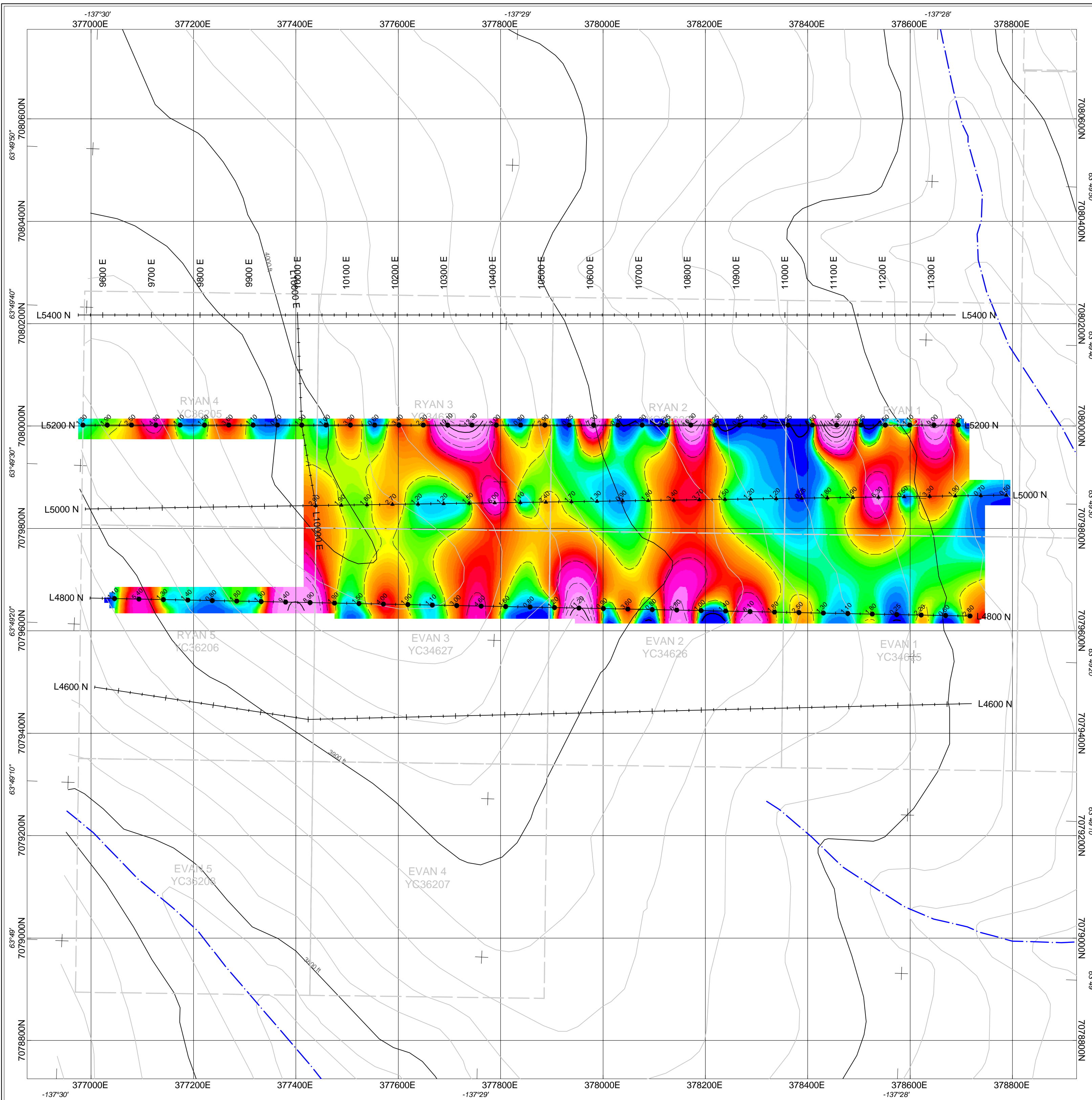


LEGEND

- ▲ 2004 Soil sample
- 2005 Soil sample

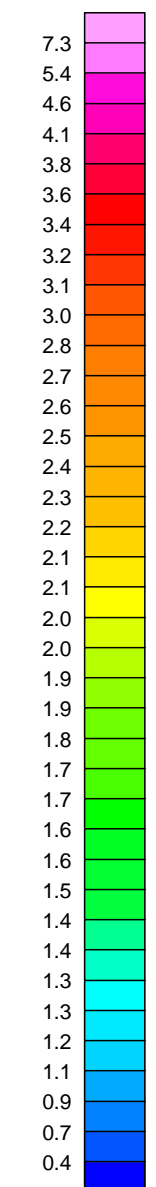


HAROLD JONES AND ASSOCIATES	
EVAN-RYAN PROPERTY MAYO AREA, YUKON SOIL SAMPLE LOCATION MAP	
Dawson Mining District Figure 4	NTS 115P/14 December 1, 2005 NAD 83 UTM, zone 8
AURORA GEOSCIENCES LTD	

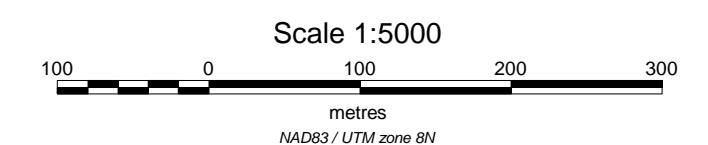


LEGEND

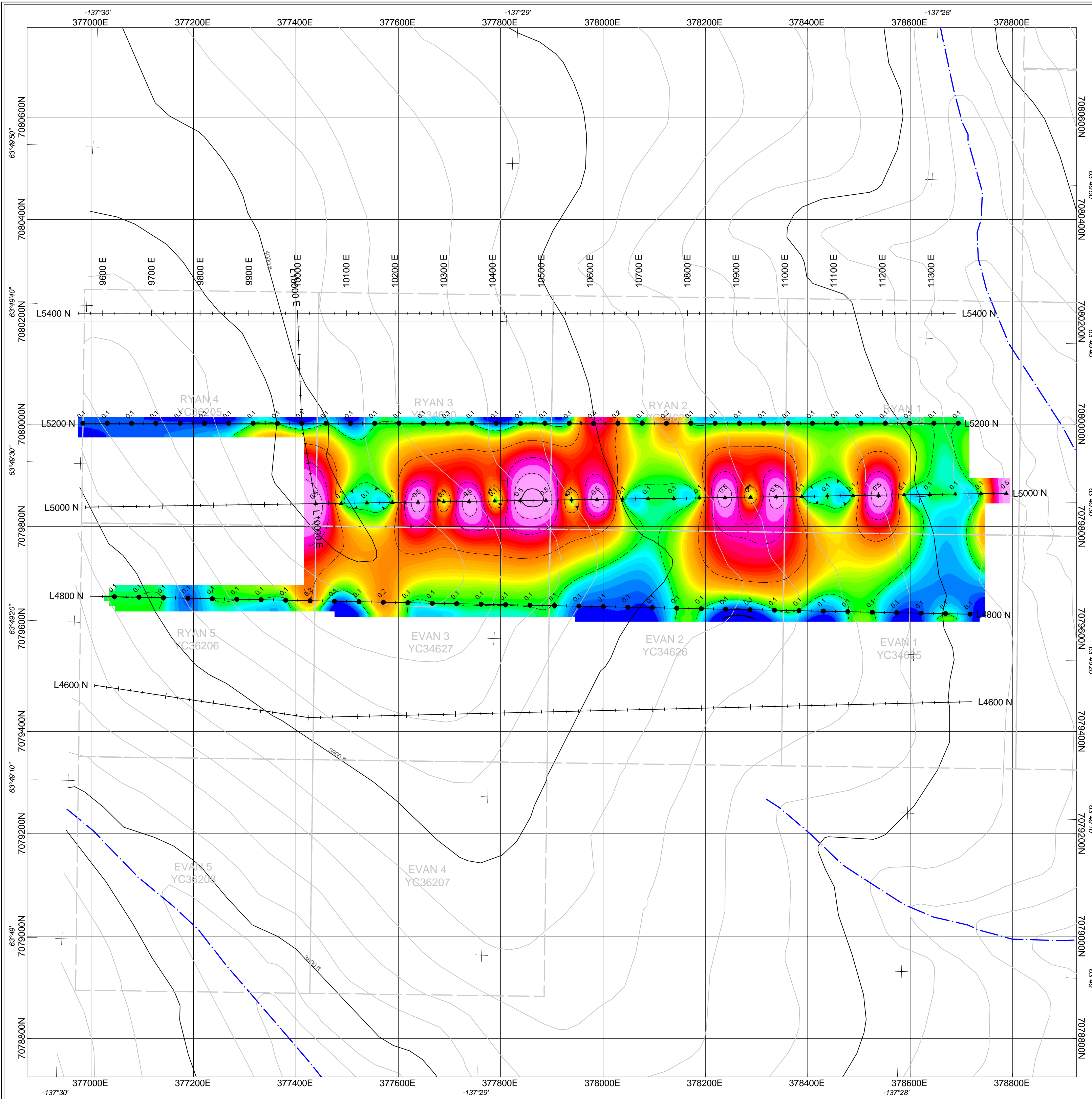
- ▲ 2004 Soil sample
- 2005 Soil sample



Gold (ppm)

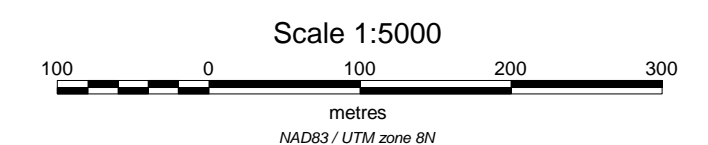
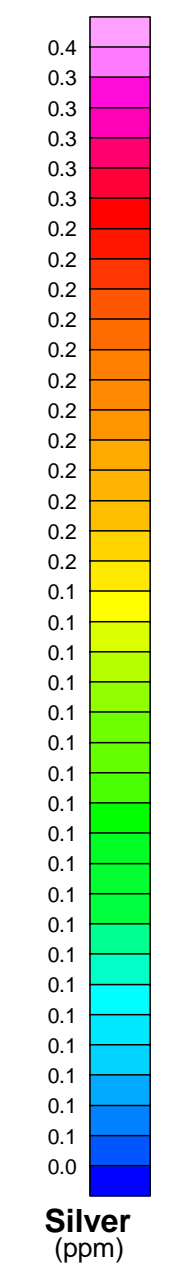


HAROLD JONES AND ASSOCIATES	
EVAN-RYAN PROPERTY MAYO AREA, YUKON SOIL SAMPLE GOLD GEOCHEMISTRY	
Dawson Mining District	NTS 115P/14
Figure 5	December 1, 2005
NAD 83 UTM, zone 8	
AURORA GEOSCIENCES LTD	

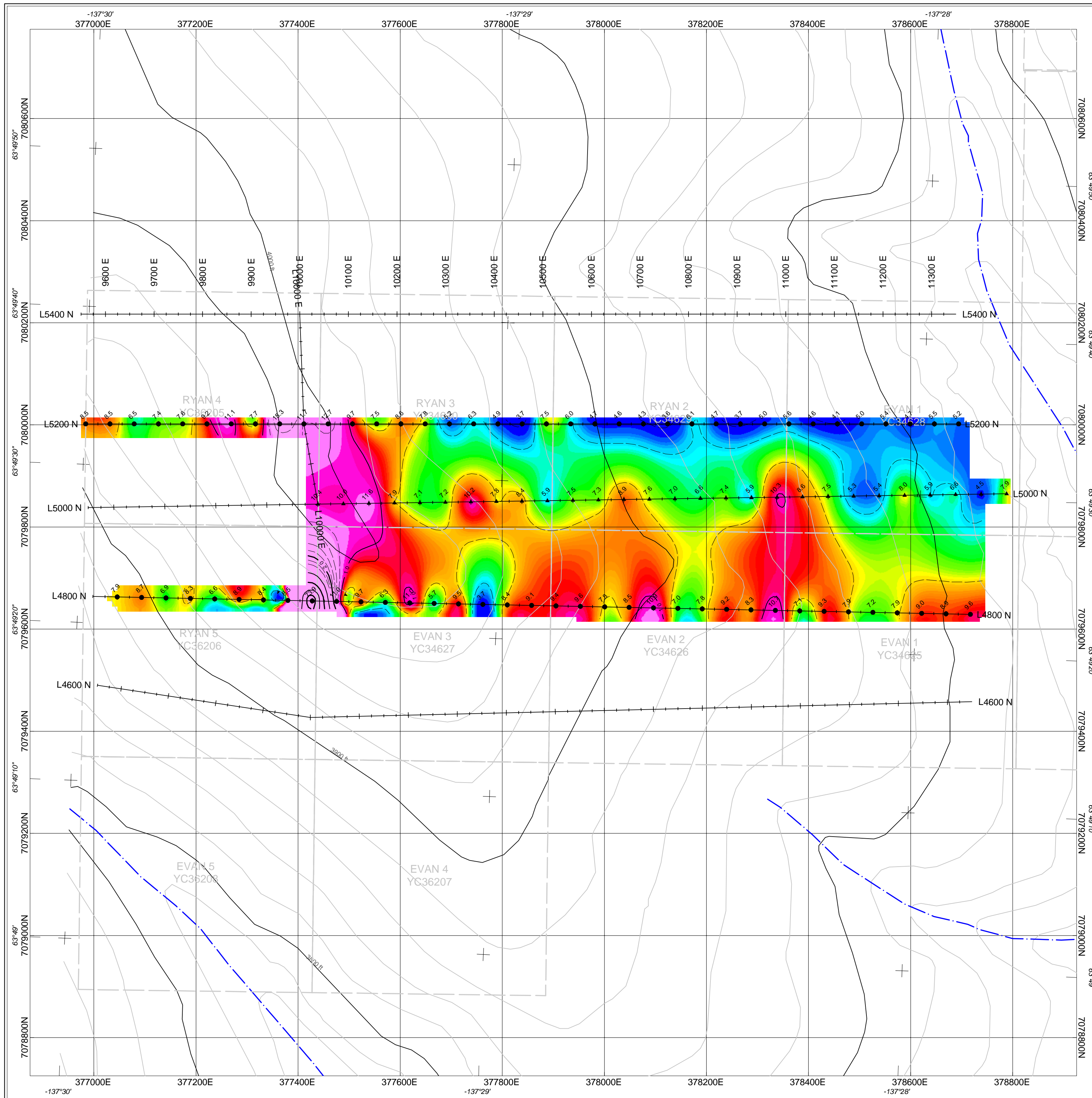


LEGEND

- ▲ 2004 Soil sample
- 2005 Soil sample

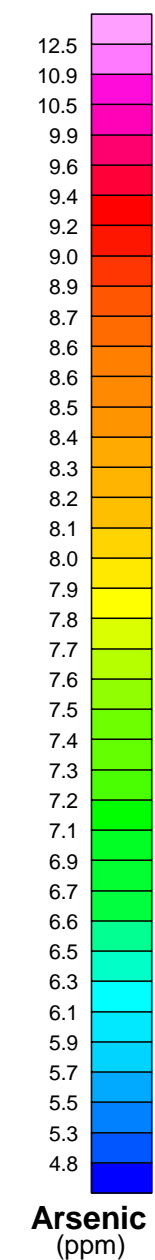


HAROLD JONES AND ASSOCIATES	
EVAN-RYAN PROPERTY MAYO AREA, YUKON SOIL SAMPLE SILVER GEOCHEMISTRY	
Dawson Mining District	NTS 115P/14
Figure 6	December 1, 2005
NAD 83 UTM, zone 8	
AURORA GEOSCIENCES LTD	

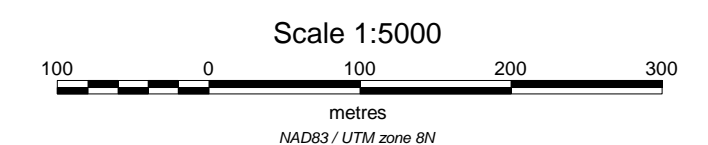


LEGEND

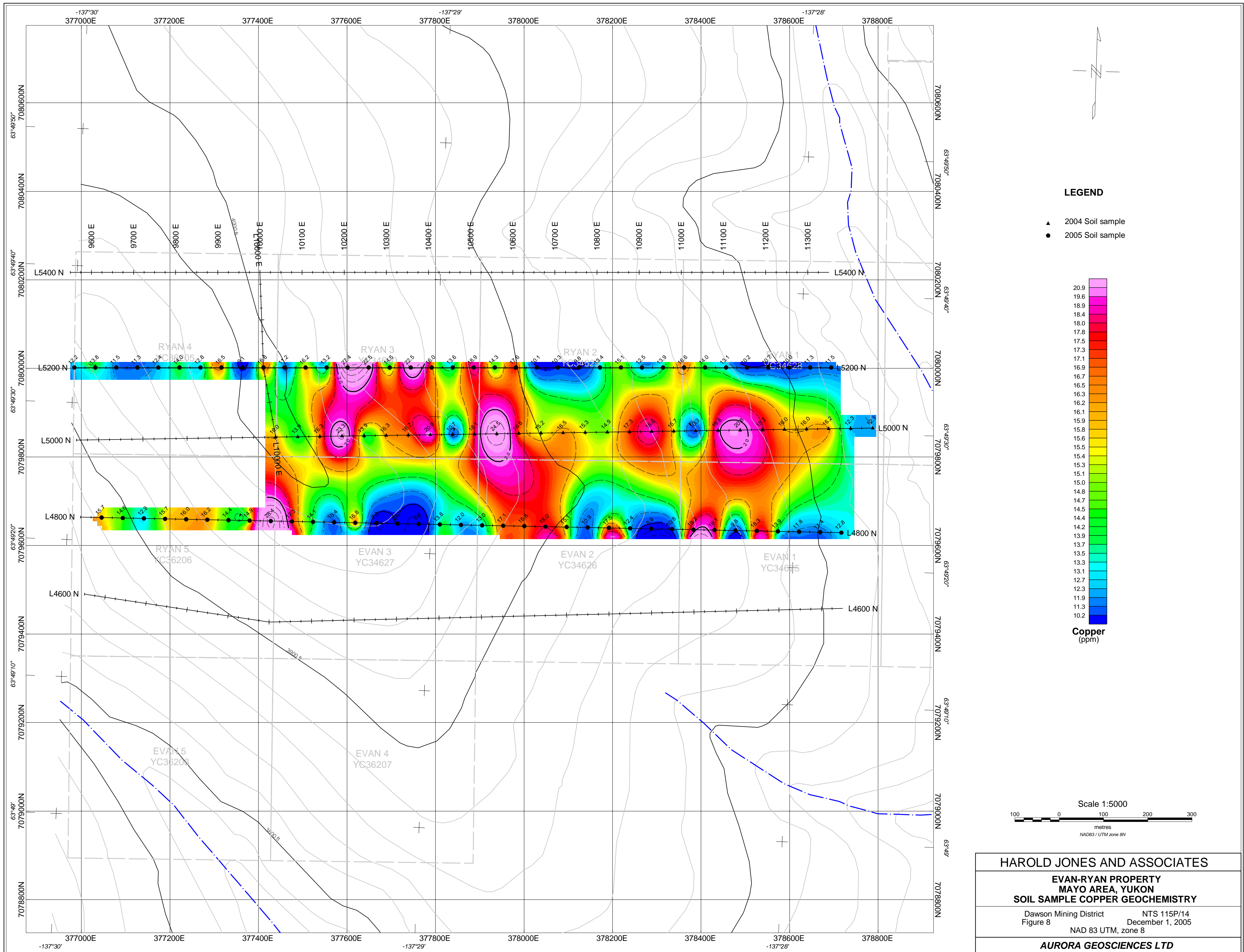
- ▲ 2004 Soil sample
- 2005 Soil sample



Arsenic (ppm)

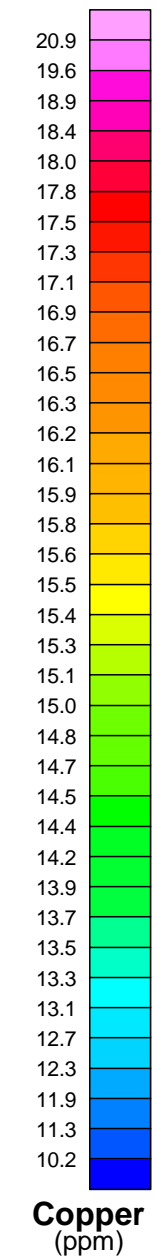


HAROLD JONES AND ASSOCIATES	
EVAN-RYAN PROPERTY MAYO AREA, YUKON SOIL SAMPLE ARSENIC GEOCHEMISTRY	
Dawson Mining District	NTS 115P/14
Figure 7	December 1, 2005
NAD 83 UTM, zone 8	
AURORA GEOSCIENCES LTD	

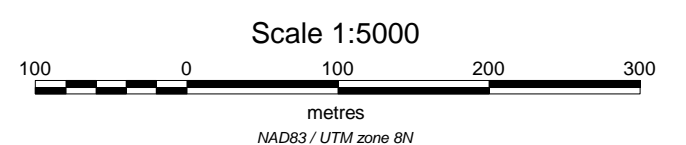


LEGEND

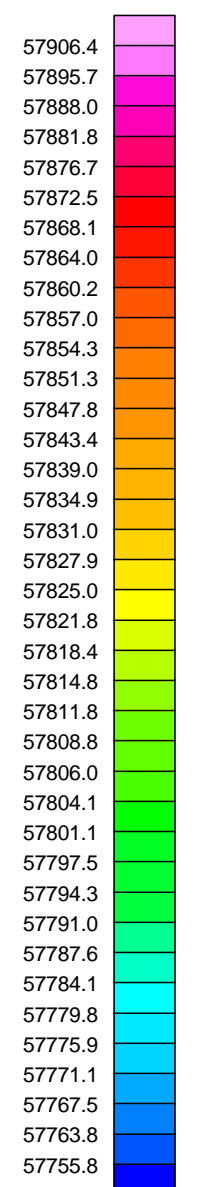
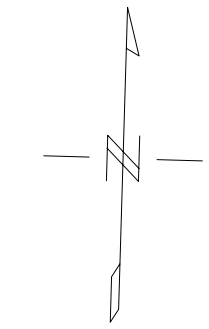
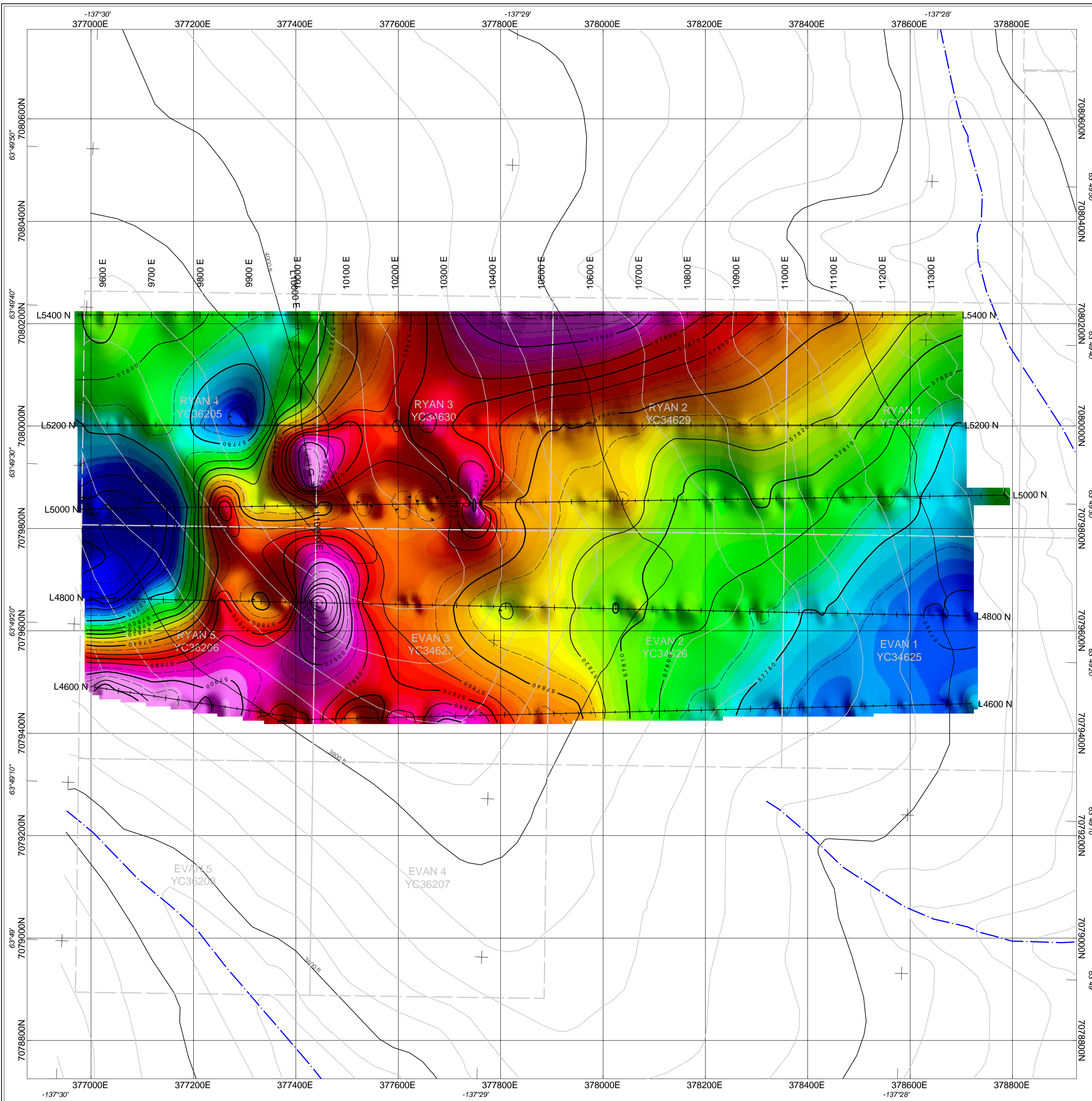
- ▲ 2004 Soil sample
- 2005 Soil sample



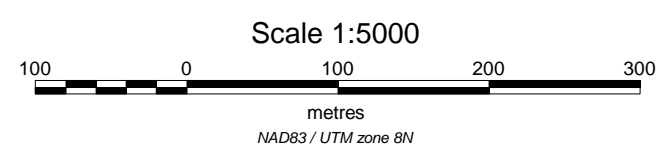
Copper
(ppm)



HAROLD JONES AND ASSOCIATES	
EVAN-RYAN PROPERTY MAYO AREA, YUKON SOIL SAMPLE COPPER GEOCHEMISTRY	
Dawson Mining District Figure 8	NTS 115P/14 December 1, 2005 NAD 83 UTM, zone 8
AURORA GEOSCIENCES LTD	



Magnetics
(nT)
Shading inclination = 45 deg
Shading declination = 45 deg



HAROLD JONES AND ASSOCIATES	
EVAN-RYAN PROPERTY MAYO AREA, YUKON SHADED RELIEF TOTAL MAGNETIC FIELD MAP	
Dawson Mining District Figure 9	NTS 115P/14 December 1, 2005 NAD 83 UTM, zone 8
AURORA GEOSCIENCES LTD	