

**ASSESSMENT REPORT ON THE  
Gary 4-6 Claims**

**Mac Pass Area, Yukon**

**Watson Lake Mining District, Yukon  
Work completed on July 1-3rd, 2006**

**Claims:** Gary 3-6 (YC24835-YC24838)

**Location:** 1. 336 km NE of Whitehorse, Yukon  
2. NTS Map Area 105 O/01  
3. Latitude: 63° 05' 32' N  
Longitude: 130° 11' 03' W

**For:** **Nemo Creek Holdings Ltd**  
**141 Edgar Road**  
**Salmon Arm, B.C.,**  
**V1E 2Y2**

**By:** R. Allan Doherty, BSc., P.Geo.  
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Whitehorse, Yukon  
Y1A 2V9

**June 15, 2007**

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## 1. SUMMARY

A Certificate of Work was filed for work completed on the Gary 3-6 claims (YC24835-YC24838) on December 8, 2006. Work costs of \$1,883.75 were incurred on the Gary 3-6 claims and included prospecting, mapping, rock sampling and analysis. All work was completed between July 1-3, 2006.

The claims are accessible from Whitehorse via the Klondike and Campbell highways to Ross River and then by the North Canol Road to km 150 where the road intersects the claim block. The property is accessible on a seasonal basis by road from approximately early June through late September, depending on when the Ross River Ferry is operating. The property is a target for sedimentary barite, which can be used as a drilling mud for the oil and gas industry.

The claims lie within the Selwyn Basin, part of the Ominica Belt. The Selwyn Basin consists of a prism of sedimentary rocks of Precambrian to Jurassic age deposited along the western margin of ancient North America.

## 2. INTRODUCTION AND TERMS OF REFERENCE

This report was prepared to fulfil the reporting requirements under the Yukon Quartz Mining Act. The author spent three days at a camp on the North Canol road with Terry McCrory the property owner and retired prospector and Herb Lyons. Work included claim tagging, prospecting and sampling. During the course of the property work, it was apparent that the best barite outcrops were not within the staked block of claims. As a result, two additional claims the JJ1-2 (YC31768-YC31769) were staked and recorded at the Watson Lake Mining Records office on July 7, 2006.

Exploration work, carried out in 2006 on the Gary claims consisted of prospecting and sampling and claim tagging and GPS surveys of claim post locations.

### 3. PROPERTY DESCRIPTION AND LOCATION

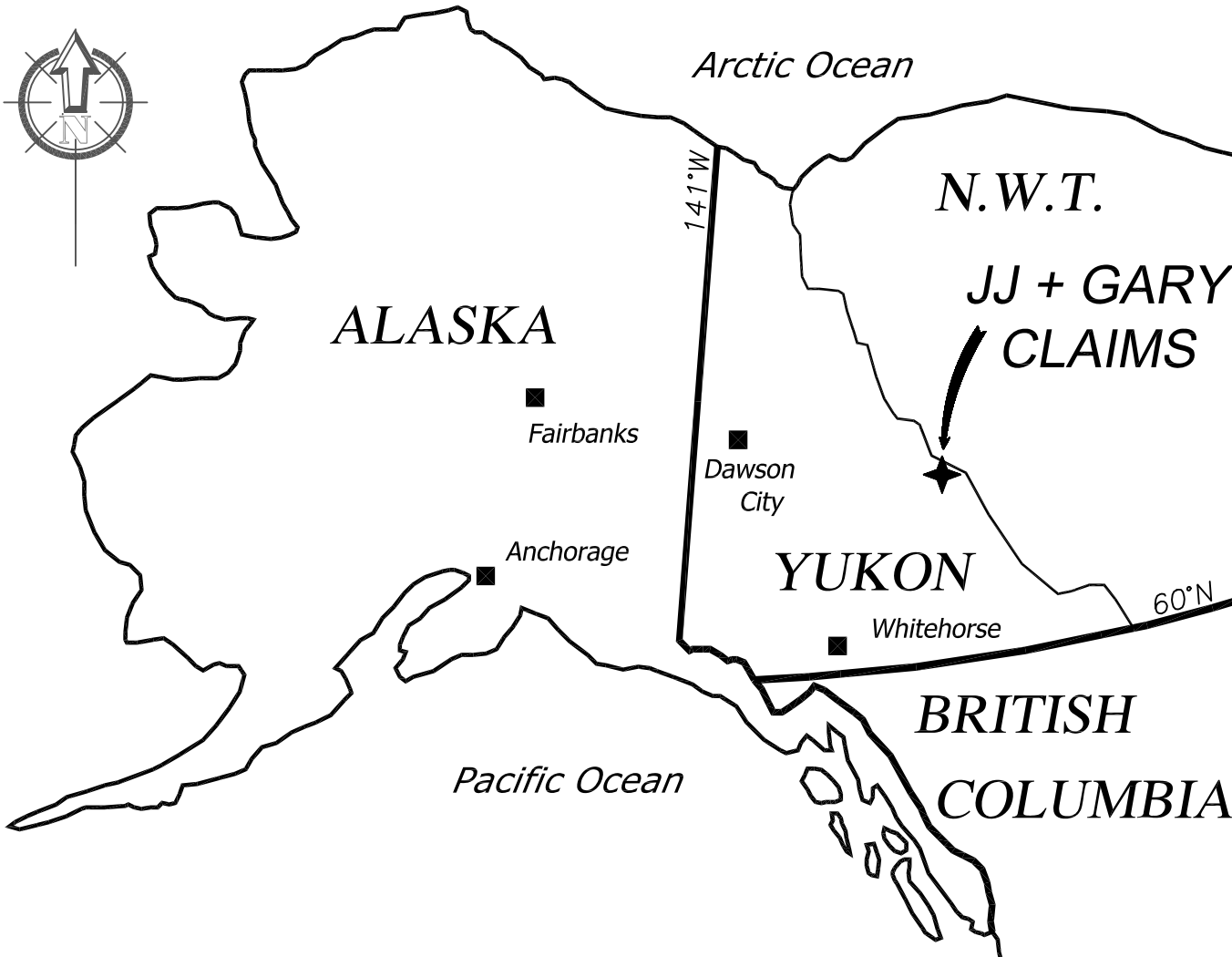
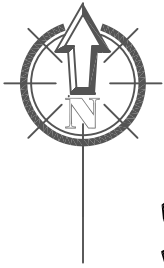
The Gary 3-6 claims are located 336 km northeast of Whitehorse, Yukon (Figure 1, 2). The claims, covering an area of approximately 40 hectares, are centred at approximately 63° 05' 20" N latitude and 130° 11' 02" W longitude within NTS map area 105 O/01.

The Claim data as of June 15, 2007 is shown in Table I below.

<b>CLAIM NAME</b>	<b>GRANT NUMBERS</b>	<b>No. CLAIMS</b>	<b>MINING DISTRICT</b>	<b>EXPIRY DATE* (yr/mo/day)</b>
GARY 3-6	YC24835-YC24838	2	Watson Lake	2008-12-17

- The expiry dates are subject to approval of this assessment report.

In accordance with the Yukon Quartz Mining Act, yearly extensions to the expiry dates of quartz claims are dependent upon conducting \$100 of work per claim or paying the equivalent cash in lieu of work. Work must be filed in the year the work was completed. Excess work can be used to extend expiry dates up to maximum of four years. Filing a statement of work and costs and submission of an assessment report to the Mayo Mining Recorder verifying completion of the work, are also required no later than six months after the anniversary date of the claim.



**NEMO CREEK HOLDINGS LTD.**

**JJ1+2 AND GARY 3-6 CLAIMS  
LOCATION MAP**

YUKON TERRITORY, CANADA

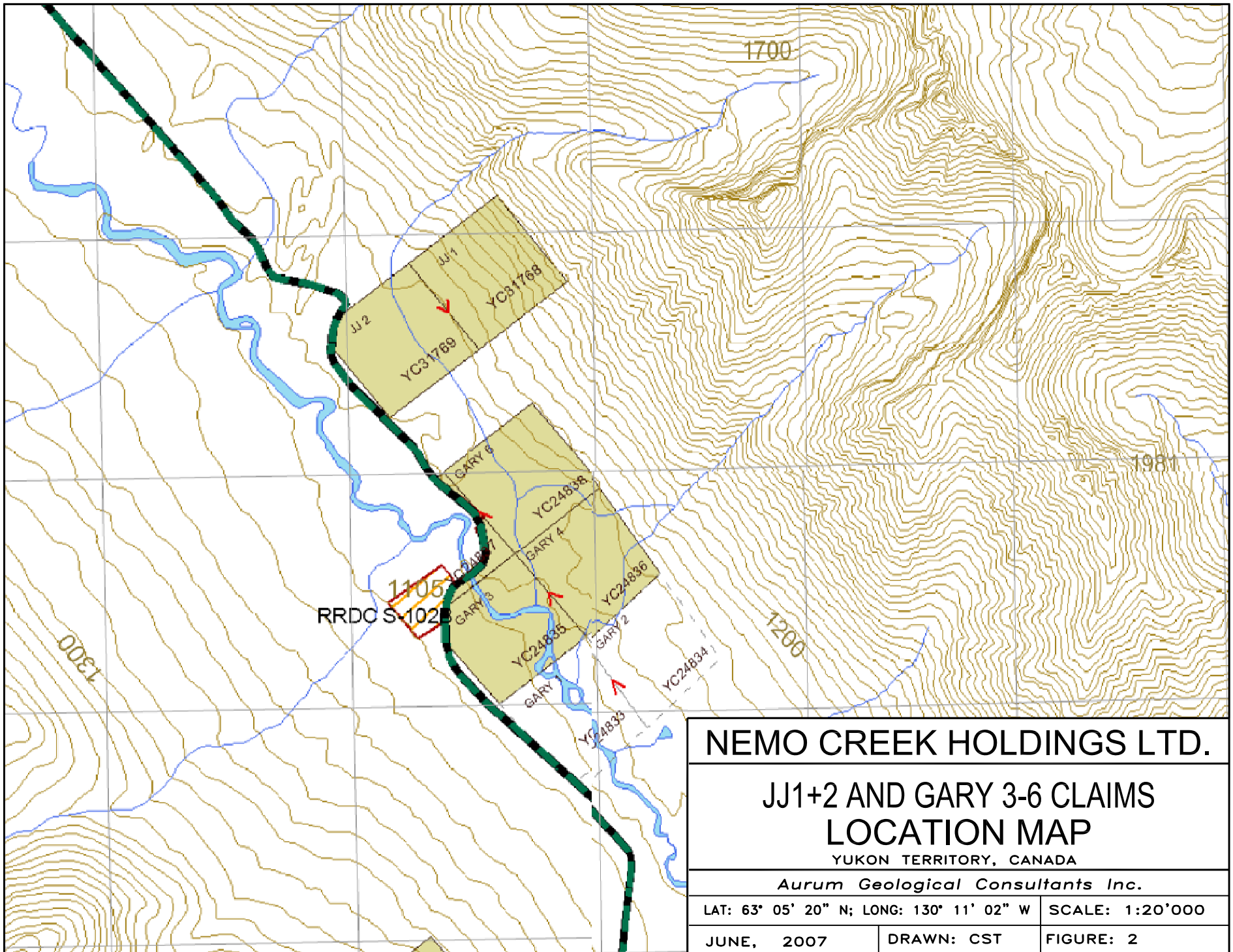
*Aurum Geological Consultants Inc.*

LAT: 63° 05' 20" N; LONG: 130° 11' 02" W SCALE:

JUNE, 2007

DRAWN: CST

FIGURE: 1



<b>NEMO CREEK HOLDINGS LTD.</b>		
<b>JJ1+2 AND GARY 3-6 CLAIMS LOCATION MAP</b>		
YUKON TERRITORY, CANADA		
<i>Aurum Geological Consultants Inc.</i>		
LAT: 63° 05' 20" N; LONG: 130° 11' 02" W	SCALE: 1:20'000	
JUNE, 2007	DRAWN: CST	FIGURE: 2

#### **4. ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY**

Access to the property is by the seasonal North Canol road, a distance of some 150 km northeast of Ross River. Ross River is the closest community and provides basic amenities such as lodging and gasoline and groceries. Apart from the North Canol Road, there is no other infrastructure in the immediate area.

#### **5. HISTORY**

The area covered by the Gary claims was first staked in 1975 by the Ogilvie Joint Venture (Brinco, Mitsubishi Metals Corp and Ventures West Capital Ltd). The exploration target was for SEDEX Pb-Zn-Ag and the companies completed mapping, geochemistry and EM and gravity surveys from 1975-1976.

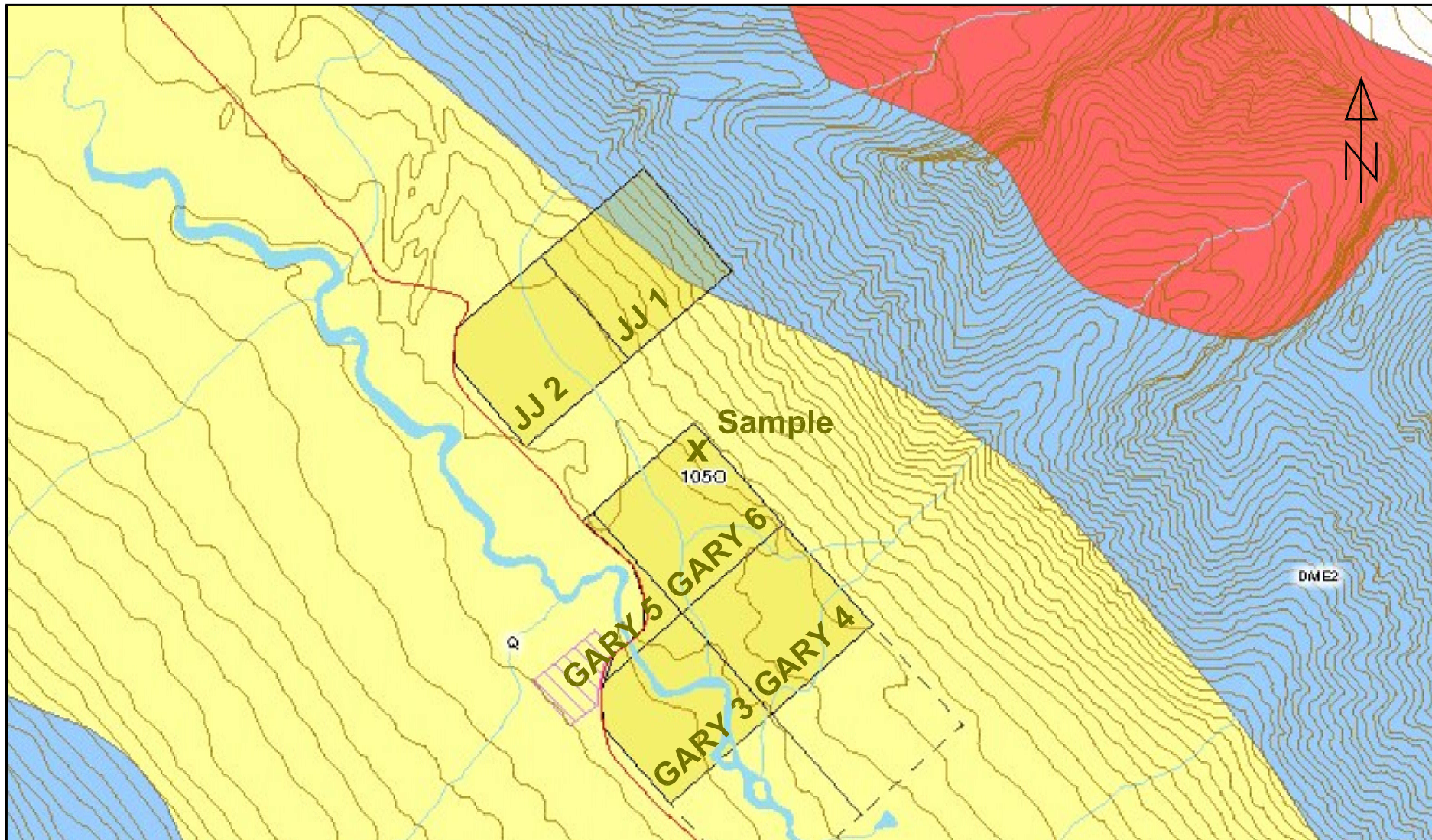
#### **6. REGIONAL AND PROPERTY GEOLOGY**





The claims are situated within the Selwyn Basin, part of the Ominica Belt (Wheeler, et al., 1991), Figure 3. The Selwyn Basin as described by Abbott, 1986 is used here to define the part of the cordilleran miogeocline comprised of Precambrian to Jurassic sedimentary rocks, deposited along the western margin of ancient North America. The eastern margin of the basin is marked by the Paleozoic shale - carbonate contact while the western margin is defined by the Teslin fault or suture. The sedimentary basin was active from the late Proterozoic to Middle Jurassic time (Abbott, 1986). All of the large stratabound, sediment hosted lead - zinc deposits in the northern Canadian Cordillera are found within the Selwyn Basin.

Locally on the Gary claims, there is primarily Quaternary till exposed with most rock outcrops found to the east and upslope of the claims. The outcrops of bedded barite were located and two new claims JJ 1-2 were staked to cover the occurrence.

To the southwest of the Gary Claims, a Cretaceous granite stock intrudes the Earn Group sediments.

One sample of bedded barite was collected from float on the Gary 6 claim and was submitted for analyses to Acme Analytical Laboratories Ltd. The sample contained 44.26A% Ba(F) and 21.58% SiO<sub>2</sub>.



LEGEND	
	Ice
	Overburden
	Cretaceous granite
	Earn group chert and shale

<b>NEMO CREEK HOLDINGS LTD.</b>		
<b>JJ1+2 AND GARY 3-6 CLAIMS LOCATION MAP</b>		
YUKON TERRITORY, CANADA		
<i>Aurum Geological Consultants Inc.</i>		
LAT: 63° 05' 20" N; LONG: 130° 11' 02" W	SCALE: 1:20'000	
JUNE, 2007	DRAWN: CST	FIGURE: 3

## **7. MINERALIZATION**

Sedimentary-hosted, stratiform or lens-shaped barite bodies that may reach over ten metres in thickness and several kilometres in strike length are exploration target on the JJ, Gary and Rac claims. Barite-rich rocks are commonly lateral distal equivalents of shale-hosted Pb-Zn (SEDEX) deposits. Some barite deposits are not associated with shale-hosted Zn-Pb deposits.

## **8. INTERPRETATION AND CONCLUSIONS**

The two days spent prospecting and sampling on the Gary claims have shown that the Gary 3-6 are primarily underlain by Quaternary till with only minor outcrop and float on the eastern margin of the claims. The barite showing was located to the northeast of the Gary 3-6 claims and was subsequently staked as the JJ 1-2 claims.

The Gary 3-6 claims should be maintained as a possible work site if and when a decision is made to collect a bulk sample for further testing.

**Respectfully submitted,**

**R. Allan Doherty, P.Geol.**  
**May 29, 2007**

## 9. REFERENCES

- Abbott, J.G., Gordey, S.P., Tempelman-Kluit D.J.**, 1986. Setting of stratiform, sediment - hosted lead - zinc deposits in Yukon and Northeastern British Columbia; *in* Mineral Deposits of Northern Cordillera, ed. J.A. Morin, The Canadian Institute of Mining and Metallurgy, Special volume 37, p.1-18.
- Bostock, H.S.**, 1964. Geology, McQuesten, Yukon Territory; NTS 115P, scale 1:253,440. Geological Survey of Canada, Map 1143A.
- Tempelman-Kluit, D.J.**, 1979. Transported Cataclasite, Ophiolite and Granodiorite in Yukon: Evidence of Arc-Continent Collision; Geological Survey of Canada, Paper 79-14.
- Tempelman-Kluit, D.J.**, 1981. Geology and Mineral Deposits of Southern Yukon: *in* Yukon Geology and Exploration 1979-80; Geology Section, Department of Indian and Northern Affairs, Whitehorse Yukon.
- Wheeler, J.O. and McFeely, P.**, 1991. Tectonic Assemblage Map of the Canadian Cordilleras and Adjacent parts of the United States of America; Geological Survey of Canada, Map 1712A, scale 1:2,000,000.
- Yukon Minfile**, 1993. WP 5.1 Version, 15, Feb/93; Exploration and Geological Services, Department of Indian and Northern Affairs, Whitehorse Yukon.

## 10. CERTIFICATE OF QUALIFICATIONS

I, R. Allan Doherty, hereby certify that:

1. I am a consulting mineral exploration geologist with AURUM GEOLOGICAL CONSULTANTS INC., 106A Granite Road, Whitehorse, Yukon, Y1A 2V9.
2. I am a graduate of the University of New Brunswick, with a degree in geology (Hons. B.Sc., 1977). I attended graduate school at Memorial University of Newfoundland, 1978-80. I have been involved in geological mapping and mineral exploration primarily in the Yukon continuously since 1980.
3. I am a “Qualified Person” as defined in Sec 1.2 of National Instrument 43-101.
4. I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, Registration No. 20564, and have been registered as a Professional Geologist since 1993.
5. I am author of this assessment report on the Gary 3-6 Claims. The report is based on a literature review and on a property visit conducted on July 1-3<sup>rd</sup>, 2006..
6. I am the author of all sections of this report.
7. I am not aware of any material fact or material change with respect to the subject matter of this technical report, which is not reflected in the technical report; the omission to disclose makes the technical report misleading.
8. I am independent of the Issuer and have no direct or indirect interest in the properties or securities of Nemo Creek Holdings Ltd., or affiliated companies, nor do I expect to receive any.
9. I have had direct involvement with the exploration programs conducted on the area discussed in this report both for prior property owners and for Acero-Martin Exploration Inc. I am familiar with the Tombstone gold deposit model and have experience writing Qualifying Reports and conducting evaluations of mineral properties.

**R. Allan Doherty, P. Geo.**

**June 15, 2007**

## 11. STATEMENT OF COSTS

### GARY 3-6 Claims YC24835-YC24838

A Certificate of Work was filed on December 8, 2002 requesting 8 renewal years on the **GARY 3-6 Claims (YC24835-YC24838)** located in the Watson Lake Mining District. The required value of work is \$800.00. Crew mobilized to the Property on July 1st, worked on the Gary 3-6 on July 2nd and demobilized on July 4th. Work consisted of mobilization and demobilization of crew, camp and provisions, prospecting, mapping and Rock sampling.

#### Property Work

R. Allan Doherty, P. Geo, July 2st, 2006, 1 day @ \$500/day	\$ 500.00
Terry McCrory July 2st, 2006, 1 day @ \$400/day	\$ 400.00
Rock Sampling (1 samples @\$25 each includes shipping)	\$ 25.00

#### Mobilization and Demobilization (July 1 and July 4th)

Vehicle Rental (Norcan Leasing Ltd #14783)	\$ 274.62
Gasoline	\$ 84.13
Camp and food costs (3 man days @ \$25/day)	\$ 75.00
Report Costs	\$ 500.00
<b>Total Value for Assessment</b>	<b>\$1,858.75</b>

**R. Allan Doherty, P. Geo**

**June 15, 2007**

**Appendix A**

**ACME ANALYTICAL LABORATORIES LTD  
A608125**

ACME LABS-X06  
ACME # A608125: AURUM



Report date: 07 DEC 2006

Job V06-1144R

LAB NO	FIELD NUMBER	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	FeO %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	Ba(F) %	LOI %	Total %
R0655564	GARY-01	21.58	0.01	0.01	0.12		0.01	0.01	0.08	0.01	0.01	0.01	44.26	2.29	68.40

I=insufficient sample

If requested analyses are not shown, results are to follow

**ANALYTICAL METHODS**

FeO determined by acid digestion /volumetric.LOI determined gravimetrically

Other elements by Li borate fusion/XRF. Where no FeO value shown "Fe2O3" is total Fe as Fe2O3

**COMMENTS**

Low totals are due to high sulfur content