

NTS 115H/15  
Lat: 61° 47'30"N  
Long: 136° 58' W

**ASSESSMENT REPORT**  
on the  
**CAT PROPERTY**

Cat 1 to 36 - YD124457 to YD124492

Whitehorse Mining District, Yukon, Canada

Reconnaissance Geology, Geochemical, and Prospecting Surveys

Work Period: 30 September 2011

for

**YES EXPLORATION SYNDICATE INC (Operator)**

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Vancouver, BC V6C2B3  
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by

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12 June 2012

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## **1.0 INTRODUCTION**

This Assessment Report outlines work carried out on the CAT Property (the "Property"), which is located in the Whitehorse Mining District, Yukon.

This Assessment Report summarizes previous work, and describes geological, geochemical rock and soil sampling, and prospecting surveys carried out on 30 September 2011. This report is based on geological and geochemical reports, a compilation of published and unpublished data, maps, and reports made by cited persons.

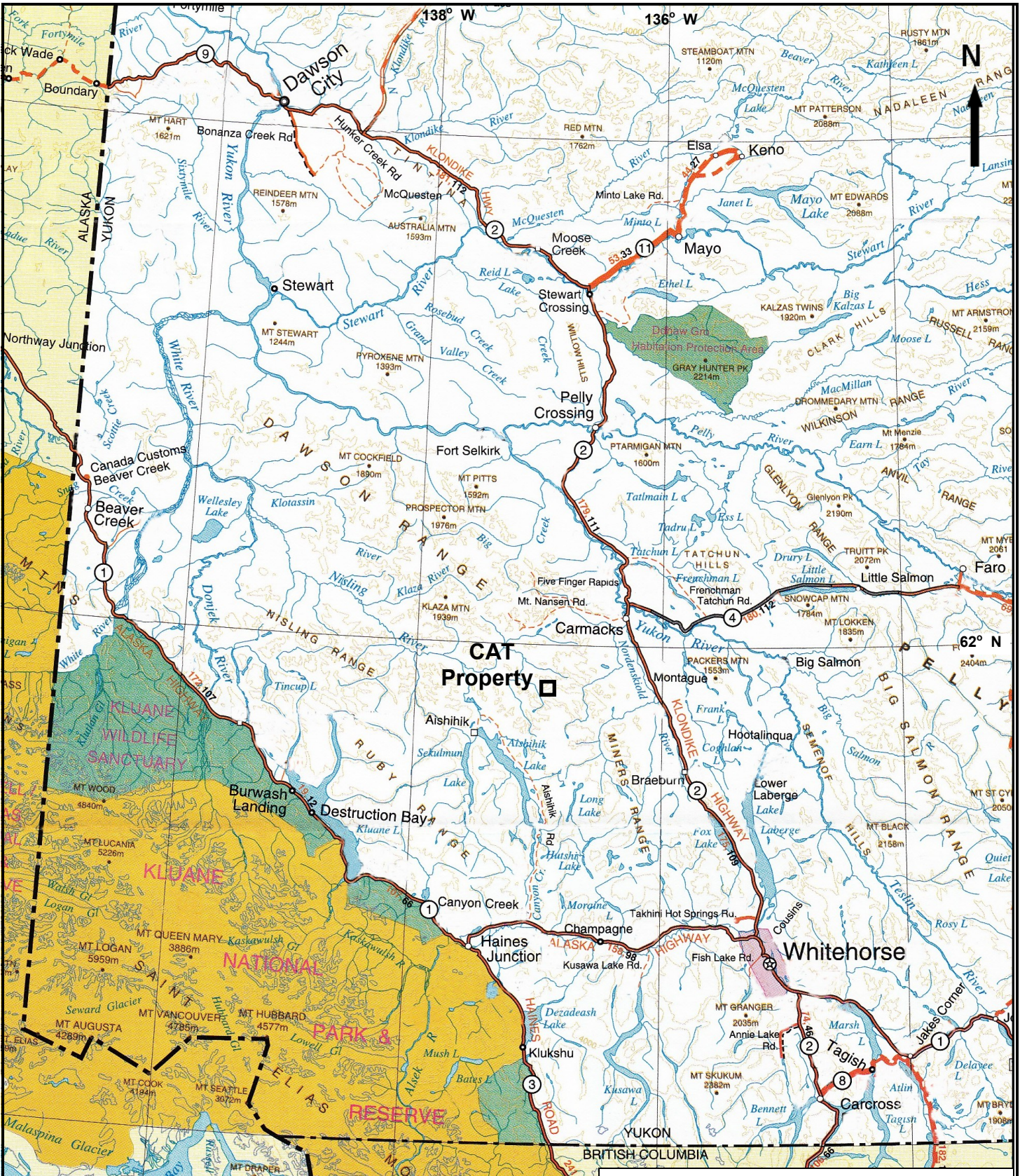
The author is a "qualified person" within the meaning of National Instrument 43-101 of the Canadian Securities Administrators.

## **2.0 DESCRIPTIONS, LOCATIONS, and OWNERSHIP of CLAIMS**

The claims comprising the Property are located in the Whitehorse Mining District of Yukon, Canada, as shown on Map Sheet NTS 115H/15. The Property area is centered at latitude 61°47'30" North, longitude 136°58' West, and UTM 6852000 m North, and UTM 396500 m East (Figures 1 and 2).

The Property is located approximately 49 kilometers southwest of the village of Carmacks and 156 kilometers northwest of the city of Whitehorse. Whitehorse is the main regional supply center for personnel and equipment.

The assessment work area consists of a contiguous block of 36 quartz claims totaling approximately 752 hectares ("ha"). Claim information is presented in Appendix B.

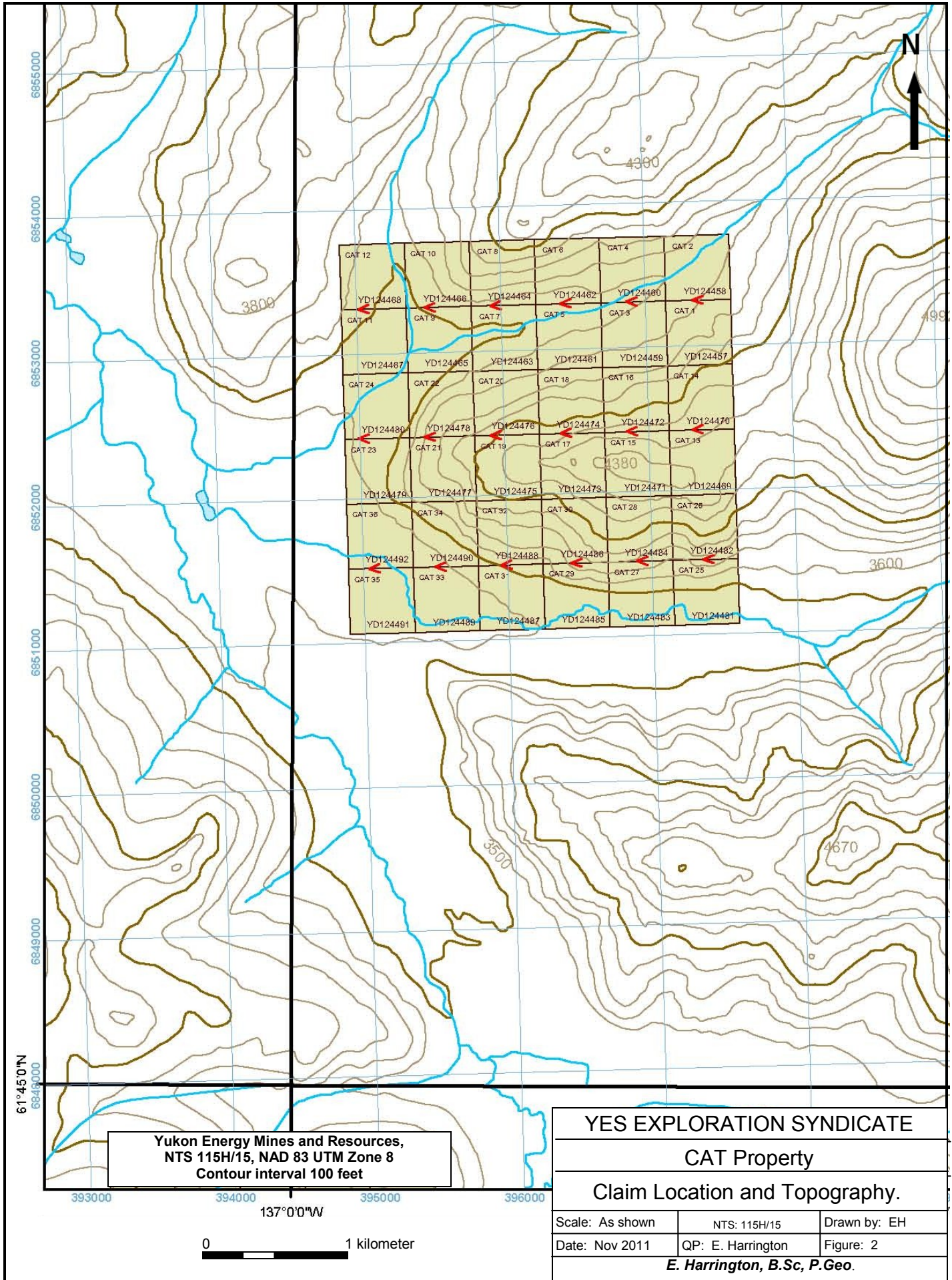


**YES EXPLORATION SYNDICATE**

**CAT Property  
Regional Location**

Scale: As shown	NTS: 115H/15	Drawn by: EH
Date: Nov 2011	QP: E. Harrington	Figure: 1

**E. Harrington, B.Sc, P.Geo.**



### **3.0 ACCESSIBILITY, CLIMATE, and PHYSIOGRAPHY**

Access to the area is by helicopter from the village of Carmacks. Alternatively, a fuel cache can be established at the Mt Nansen mine site. The mine site is approximately 1 hour driving time from Carmacks. Personnel can access the mine site by road and then be disbursed by helicopter.

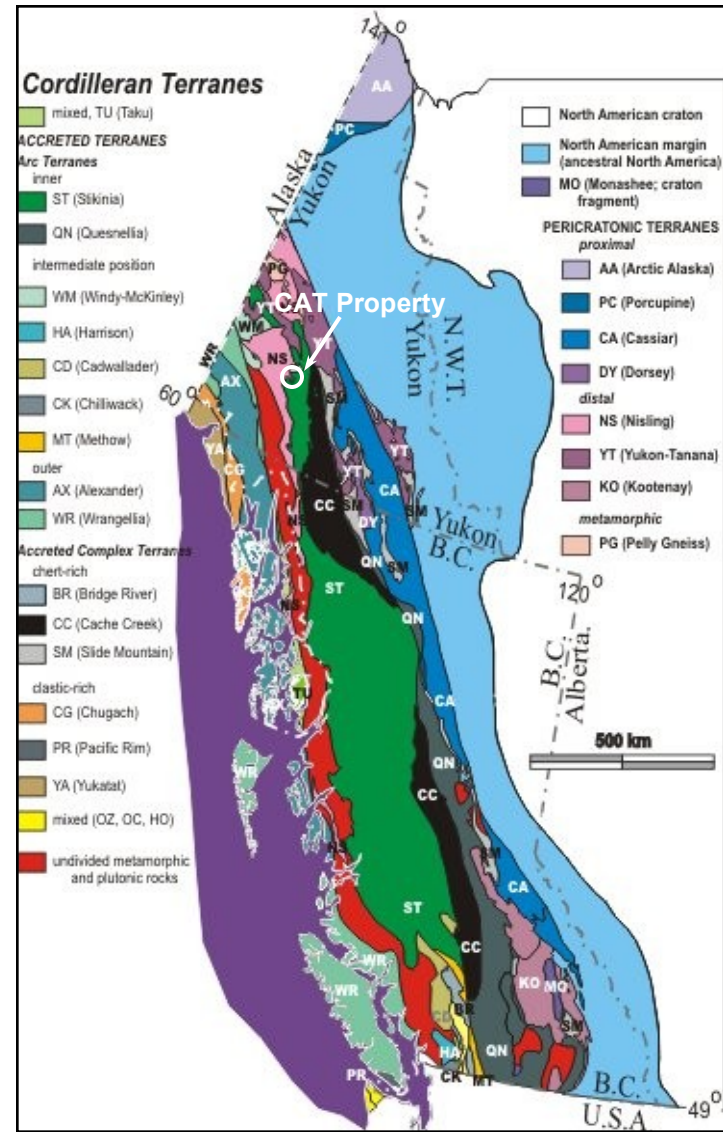
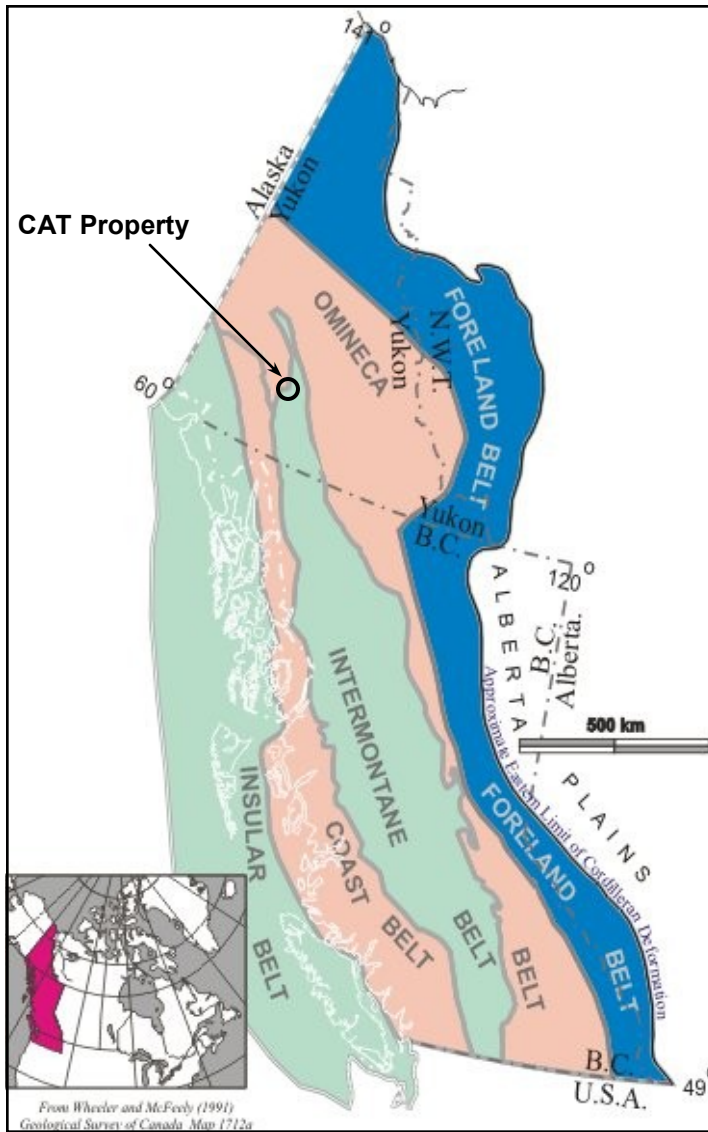
The Property is on rolling terrain with elevations ranging from 1,020 meters (3,350 feet) to 1,395 meters (4,580 feet). Vegetation cover is variable, ranging from relatively open grassed areas to areas with jack pine, alder, and scrub undergrowth. Summers are generally warm, while winters are cold. Depending on the type of work, the work season can be year round.

### **4.0 GEOLOGICAL SETTING**

#### **4.1 Regional Geology and Structure (Figure 3)**

In general, Yukon geology consists of two lithological components, which are separated by the Tintina Trench. Rocks northeast of the Tintina Trench are predominantly sedimentary, from 300 million to >1 billion years old, and represent the ancient margin of North America. Rocks southwest of the Tintina Trench are mainly igneous and metamorphic, from 20 to 350 million years old, and represent numerous crustal fragments called accreted terranes that have an uncertain place of origin. The Dawson Mountain Range, which includes the subject Property, is located in the area southwest of the Tintina Trench.

The Yukon-Tanana Composite Terrane ("YTT") is the largest of Yukon's terranes and is composed of several metamorphic rock assemblages, which were originally sedimentary but have been metamorphosed at extremely high temperatures and pressures corresponding to crustal depths of 25 kilometers.



(After Geological Survey of Canada, 2005)

YES EXPLORATION SYNDICATE

CAT Property

Regional Geology

Scale: As shown

NTS: 115H/15

Drawn by: EH

Date: Jan 2012

QP: E. Harrington

Figure: 3

E. Harrington, B.Sc, P.Geo.

The Intermontane Superterrane is composed of five dissimilar terranes that were amalgamated approximately 180 million years ago: Stikinia, Quesnellia, Slide Mountain, Cache Creek, and Windy-McKinley. Stikinia is the largest terrane in the Cordillera, but in Yukon is restricted to the area of the Intermontane Belt.

The Dawson Range generally comprises rocks of the Yukon-Tanana Composite Terrane and Stikinia Intermontane Superterrane. The Dawson Range is part of the Yukon Plateau Physiographic Province, and is characterized by moderately rugged topography with elevations from 900 to over 2000 meters. The Dawson Range has extensive placer and lode gold production, and is commonly referred to as the "Dawson Range gold belt". This belt comprises a northwesterly trend of placer gold occurrences, porphyry copper-gold deposits, and gold-bearing polymetallic epithermal veins. The oldest rocks exposed in the Dawson Range Gold Belt are Paleozoic YTT rocks, consisting of an assemblage of Paleozoic Yukon Group schist, gneiss, and amphibolite, and a Triassic assemblage of andesite to basalt flows, tuffs, and breccias, which are intruded by granitic batholiths. Granitic rocks intruded during Early Jurassic metamorphic/plutonic events.

The Aishihik Batholith underlies much of the district. Triassic to Lower Jurassic in age, the Aishihik intrusive body ranges in composition from dark grey granodiorite to pink quartz monzonite and porphyritic quartz monzonite. Tertiary and Eocene volcanic rocks unconformably overlie the granitic bodies. Volcanic rocks consist primarily of felsic tuffs, flows and breccias, are cut by dark green mafic volcanic plugs and dikes. Cretaceous- to Tertiary-age volcanic rocks host lode gold deposits in the Dawson Range. Lode mineralization consists of epithermal to mesothermal gold-bearing quartz-chalcedony vein systems in faults and fracture zones associated with felsic intrusives. Ring dikes and fault zones were developed during caldera collapse.

In the Dawson Range, gold mineralization occurs in quartz veins and fractures formed during the intrusion of quartz feldspar porphyry and breccia bodies. Alteration zones vary from narrow seams of clay gouge along the margins of individual quartz veins to wide areas of propylitic and argillic alteration around intrusive breccias. Sericite and pyrite are common accessory minerals.

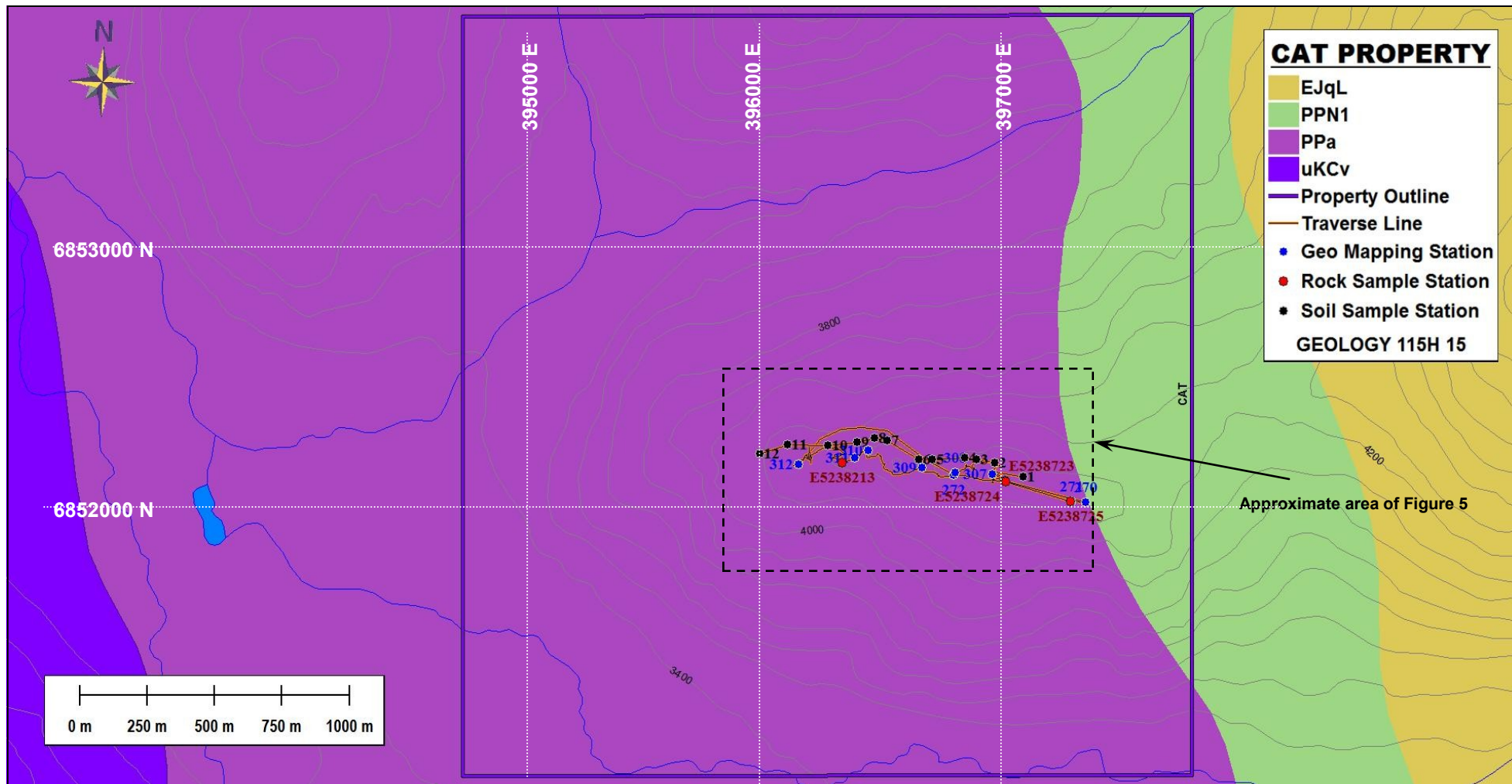
Cretaceous to Paleocene rocks of the region comprise two major plutonic-volcanic events:

1. The Cretaceous Mount Nansen event includes the Dawson Range Batholith, Casino Granodiorite, Coffee Creek Granite, and the Mount Nansen intermediate to felsic volcanic suite, and
2. The late Cretaceous to Paleocene Carmacks event is represented by subvolcanic and volcanic mafic to felsic rocks that intrude or unconformably overlie all other units.

Cretaceous to Paleocene Carmacks intrusives and volcanics have a close spatial relationship with the older granitoids and a spatial-temporal relationship with known gold mineralization. In Yukon, gold mineralization is generally related to Carmacks volcanic units and to same-age hydrothermal alteration, suggesting a genetic link between gold mineralization and hotspot-related hydrothermal activity.

#### **4.2 Property Geology**

Property lithology shows the target area existing over Paleozoic-age (251-544 million years ago) meta-volcanic rocks that are in contact with Paleozoic metamorphic rocks. Jurassic-age (145-199 million years ago) intrusive rocks and Cretaceous-age (65-145 million years ago) Carmacks volcanics are found in close proximity to the east and west.



**uKCv** Mesozoic  
Upper Cretaceous  
Carmacks Group - basic and felsic volcanic succession, olivine basalt, hornblende-feldspar porphyry, andesite and dacite flows

**EJqL** Mesozoic - Early Jurassic  
Long Lake Suite: felsic granitoids, pegmatite and aplite, K-spar megacrysts

**PPN1** Upper Proterozoic/Paleozoic  
Metamorphic, biotite-musc-qtz schist, quartzite, orthogneiss, and amphibolite

**PPa** Paleozoic-Precambrian  
Ultramafic/metamorphic, chlorite-biotite schist/amphibolite schist, phyllite, quartzite, ultramafics

**YES EXPLORATION SYNDICATE**

**CAT Property**

**Property Geology**

Scale: As shown      NTS: 115H/15      Drawn by: EH

Date: June 2012      QP: E. Harrington      Figure: 4

*E. Harrington, B.Sc, P.Geo.*

The Property is located along the eastern edge of a northwest-trending curvilinear fault. The CAT claims are also located within the southwestern section of a circular vent structure that is visible in Landsat images. A northeast-trending fault cuts through the northern part of CAT claim block and the circular vent structure. Three fault structures intersect near the west side of the Property.

## **5.0 HISTORY**

### **5.1 Area History**

In the late 1970s, an airborne geophysical magnetic survey and reconnaissance-style geological mapping and stream sediment sampling were conducted in the region. No detailed mapping has been carried out since.

### **5.2 Previous Work**

The historical airborne magnetic survey shows that the CAT claims are underlain by a bull's-eye magnetic high anomaly. Stream sediment sampling carried out by the Geological Survey of Canada show that the two main creeks on the Property contain anomalous mercury (294 ppb & 114 ppb).

## **6.0 OBJECTIVES and SCOPE of WORK**

The deposit models for the Property are epithermal gold-silver and/or porphyry copper-gold. The objectives of reported assessment work were to carry out reconnaissance-style geological and geochemical surveys to outline areas of alteration and mineralization that would suggest the presence of epithermal or porphyry deposits.

## **6.1 Survey Method and Equipment**

A survey crew, consisting of a geologist, a prospector, and a geotechnician, carried out GPS-controlled traverses designed to provide reconnaissance-style coverage of ridge areas where outcrop was more likely to be encountered.

Soil samples were taken using a hand-powered ratcheting auger. Samples targeted the "C" horizon, with hole depth generally in the range of 0.4 to 0.6 meters. Samples were placed in uniquely identified kraft paper bags, and allowed to dry before being delivered to Inspectorate Labs, Whitehorse, Yukon, for preparation and analysis.

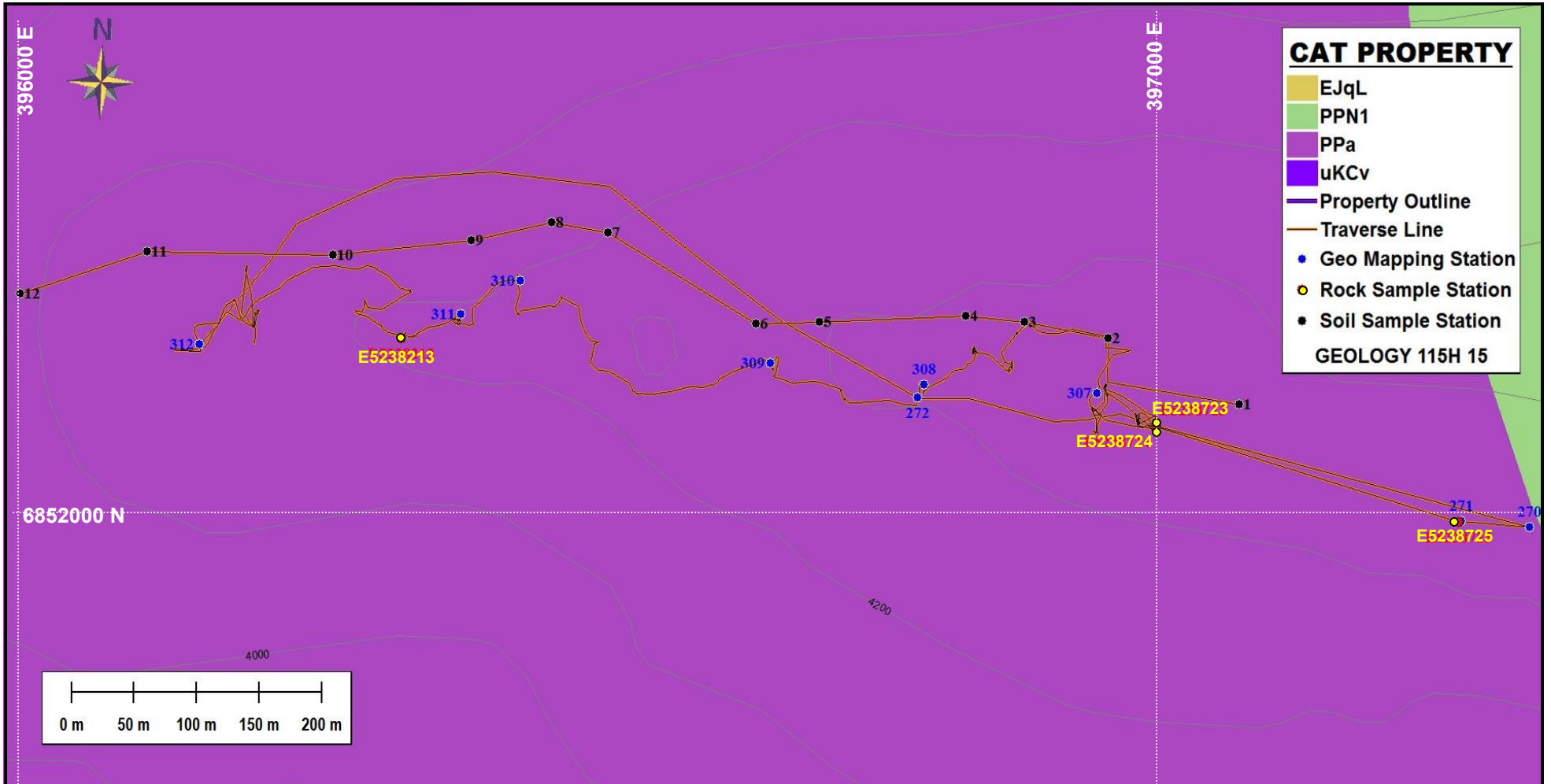
Rock samples were selected to best show the desired geological occurrence. Samples were sealed in uniquely identified clear plastic bags and delivered to Inspectorate Labs, Whitehorse, Yukon, for preparation and analysis.

A Juno handheld field computer was used to enter both soil and geological data. Traverse details and mapping points are provided in Figures 4 and 5, and Appendix C.

## **6.2 Description of Surveys**

During the 2011 work program, twelve soil samples and four rock samples were taken, and approximately 3.5 kilometers of prospecting traverses were completed. Soil results showed anomalous values for cobalt (2 to 22 ppm), copper (11 to 139 ppm) and zinc (10 to 83 ppm). Values for gold and silver were not significant.

Prospecting showed a variety of rock types including rhyolite, pegmatite, and amphibolite gneiss. Rocks showed bleaching and minor disseminated sulfides.



**PPN1** Upper Proterozoic/Paleozoic  
Metamorphic, biotite-musc-qtz schist, quartzite, orthogneiss, and amphibolite

**PPa** Paleozoic-Precambrian  
Ultramafic/metamorphic, chlorite-biotite schist/amphibolite schist, phyllite, quartzite, ultramafics

<b>YES EXPLORATION SYNDICATE</b>		
<b>CAT Property</b>		
<b>Prospecting Traverse</b>		
Scale: As shown	NTS: 115H/15	Drawn by: EH
Date: June 2012	QP: E. Harrington	Figure: 5
<i>E. Harrington, B.Sc, P.Geo.</i>		

**Table 1: Rock Sample Descriptions**

Sample	Location		Type	Description
	Easting	Northing		
5238723	396889	6852113	Select	Bleached gneiss float with disseminated silvery specks.
5238724	396899	6852106	Select	Amphibolite gneiss outcrop. Propylitic alteration with epidote.
5238725	397146	6852042	Select	Rhyolite float. Vuggy, silicified. Possible dike but no visible outcrop. Amphibolite gneiss on both sides of saddle. Possible dike strike 020°.
5238213	396301	6852177	Select	Pegmatitic float. Orange-red, possible hematite alteration, disseminated pyrite in bull quartz.

Rock sample analysis showed anomalous values for silver (<0.1 to 0.2 ppm), arsenic (<5 to 93 ppm), molybdenum (<1 to 106 ppm), and mercury (<0.01 to 5.27 ppm).

**Table 2: Selected Rock Sample Results**

Sample	Chemical Analysis (ppm)							
	Au	Ag	As	Ca	Cu	Mn	Mo	Hg
E5238723	<0.005	0.1	<5	0.06	25	186	<1	<0.01
E5238724	<0.005	0.2	<5	1.41	76	298	<1	<0.01
E5238725	<0.005	<0.1	93	0.04	9	179	10	5.27
E5238213	<0.005	0.1	<5	0.02	17	42	106	<0.01

## 7.0 INTERPRETATIONS and CONCLUSIONS

### 7.1 Interpretations

The surveyed area consists of amphibolite gneiss, and rhyolite and pegmatite float. Gneiss shows possible propylitic alteration and formation of epidote. Minor disseminated sulfides were noted, and weak rusty patches suggest the presence of some sulfides, probably pyrite, prior to weathering.

## **7.2 Conclusions**

Only a small portion of the Property area was covered by the reconnaissance surveys. Soil sample results show indications of elevated to anomalous values for cobalt, copper, and zinc. Rock sample results show elevated to anomalous values for silver, arsenic, molybdenite, and mercury. Mercury may be reflecting the epithermal nature of the area.

The Property is located along the eastern edge of a northwest-trending curvilinear fault, which cuts through the northern part of CAT claim block and an interpreted circular vent structure visible in Landsat images. Three fault structures intersect near the west side of the Property.

The historical airborne magnetic survey shows that the CAT claims are underlain by a bull's-eye magnetic high anomaly. Stream sediment sampling carried out by the Geological Survey of Canada show that the two main creeks on the Property contain anomalous mercury (294 ppb & 114 ppb).

The presence of plumbing system and elevated to anomalous mineralization suggests that the CAT Property has potential to host an epithermal or porphyry mineral deposit.

## 8.0 REFERENCES

Hart, C. 2002:

The Geological Framework of the Yukon Territory. Yukon Geological Survey. <http://www.geology.gov.yk.ca/>

Tempelman-Kluit, D.J., and Currie, R., 1978:

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Colpron, M., 2011:

Geological Compilation of Whitehorse Trough, Geoscience Map 2011-1, Yukon Geological Survey, Energy, Mines and Resources, Yukon.

**Edward Harrington, B.Sc., P.Geo.**  
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Tel: (604) 437-9538 Email: ed.harrington.geo@gmail.com

### **CERTIFICATE OF AUTHOR**

I, Edward D. Harrington, do hereby certify that:

1. I graduated with a B.Sc. degree in Geology from Acadia University, Wolfville, Nova Scotia in 1971.
2. I am a Member in good standing with the Association of Professional Engineers and Geoscientists of British Columbia, License #23328.
3. I have pursued my career as a geologist for over thirty years in Canada, the western United States, the Sultanate of Oman, Mexico, Argentina, Peru, and Australia.
4. I have read the definition of “qualified person” set out in National Instrument 43-101 (“NI 43-101”) and certify that by reason of my education, affiliation with a professional association as defined in NI 43-101, and past relevant work experience, I fulfill the requirements to be a “qualified person” for the purposes of NI 43-101.
5. I am responsible for the preparation of the assessment report titled “Assessment Report on the CAT Property, Whitehorse Mining District, Yukon, Canada” and dated 12 June 2012 (the “Assessment Report”)

Dated this 12<sup>th</sup> day of June 2012



Edward D. Harrington, B.Sc., P.Geo.

**APPENDIX A**

**Cost Statement**

### CAT property - Mineral Exploration Expenditures - 2011

Supplier	Invoice #	Amount	Applied to Project
RELIANCE GEOLOGICAL SERVICES INC	A11-892-01	\$ 4,419.37	\$ 4,419.37
NOKUYUKON HOLDINGS LTD	18	\$ 10,500.00	\$ 1,131.13
<b>TOTAL (INCLUDES GST)</b>			<b>\$ 5,550.50</b>

# Nokuyukon Holdings Ltd

110 Falcon Drive  
Whitehorse, Yukon Y1A 6C7  
Canada

# INVOICE

Invoice No.: 18  
Date: 11/01/2011  
Page: 1

**Sold to:**

YES Exploration Syndicate Inc  
Tony Simon  
Vancouver, BC

**Ship to:**

YES Exploration Syndicate Inc  
Tony Simon  
Vancouver, BC

Business No.: 87245 7015RP0001

Item No.	Unit	Quantity	Description	Tax	Unit Price	Amount
			OPERATIONAL PHASE:Project preparation and work conducted October 1 - 31, 2011	G		10,000.00
			Subtotal:			10,000.00
			G - GST 5% GST			500.00
<b>Comment:</b>					<b>Total Amount</b>	10,500.00

# RELIANCE GEOLOGICAL SERVICES INC

3476 Dartmoor Place, Vancouver, BC

Canada V5S 4G2

info@reliancegeological.com

www.RelianceGeological.com

Tel: 604-984-3663

Fax: 604-437-9531

## INVOICE

No. A11-892-01

30 November 2011

### YES Exploration Syndicate Inc

418 East 14th Street

North Vancouver, BC V7L 2N8

Attn: **T. Simon**

### Re: J892 - CAT Property, Whitehorse MD, Yukon

Field Personnel:	Field Days	Days	Rate	Sub-total	
	Prospecting, Reconnaissance geology				
Geologist:					
E. Harrington, PGeo	Sep 30	0.50	800.00	\$ 400.00	
Prospector:					
J. Skales	Sep 30	0.50	600.00	<u>300.00</u>	\$ 700.00
Office Personnel:					
General research:					
E. Harrington, PGeo		0.50	800.00	\$ 400.00	
Report preparation:					
E. Harrington, PGeo		0.75	800.00	600.00	
Other:					
					<u>1,000.00</u>
Ground Exploration	included in Field Personnel totals				
Geological mapping:		-	-	\$ -	
Reconnaissance:		-	-	-	
Prospecting:		-	-	-	
Geochemical Surveying:					
Contract, per soil sample		12	48.00	\$ 576.00	
Rock samples included in Field Personnel totals					
Lab costs, soils		12	25.99	311.88	
Lab costs, rocks		4	31.11	<u>124.44</u>	1,012.32

Mobe/Demobe Costs: in Yukon  
(allocated among 33 properties)



**APPENDIX B**

**Claim Data**

UTM Location		Claim Name	Grant Number	Owner Name	Staking Date	Expiry Date	District
Easting	Northing						
397367	6853092	CAT 1	YD124457	YES Exploration Syndicate	17-Jan-11	1-Feb-13	Whitehorse
397366	6853542	CAT 2	YD124458	YES Exploration Syndicate	17-Jan-11	1-Feb-13	Whitehorse
396917	6853092	CAT 3	YD124459	YES Exploration Syndicate	17-Jan-11	1-Feb-13	Whitehorse
396916	6853541	CAT 4	YD124460	YES Exploration Syndicate	17-Jan-11	1-Feb-13	Whitehorse
396467	6853091	CAT 5	YD124461	YES Exploration Syndicate	17-Jan-11	1-Feb-13	Whitehorse
396466	6853541	CAT 6	YD124462	YES Exploration Syndicate	17-Jan-11	1-Feb-13	Whitehorse
396017	6853091	CAT 7	YD124463	YES Exploration Syndicate	17-Jan-11	1-Feb-13	Whitehorse
396016	6853541	CAT 8	YD124464	YES Exploration Syndicate	17-Jan-11	1-Feb-13	Whitehorse
395567	6853090	CAT 9	YD124465	YES Exploration Syndicate	17-Jan-11	1-Feb-13	Whitehorse
395566	6853540	CAT 10	YD124466	YES Exploration Syndicate	17-Jan-11	1-Feb-13	Whitehorse
395117	6853090	CAT 11	YD124467	YES Exploration Syndicate	17-Jan-11	1-Feb-13	Whitehorse
395117	6853540	CAT 12	YD124468	YES Exploration Syndicate	17-Jan-11	1-Feb-13	Whitehorse
397368	6852192	CAT 13	YD124469	YES Exploration Syndicate	17-Jan-11	1-Feb-13	Whitehorse
397367	6852642	CAT 14	YD124470	YES Exploration Syndicate	17-Jan-11	1-Feb-13	Whitehorse
396918	6852192	CAT 15	YD124471	YES Exploration Syndicate	17-Jan-11	1-Feb-14	Whitehorse
396917	6852642	CAT 16	YD124472	YES Exploration Syndicate	17-Jan-11	1-Feb-14	Whitehorse
396468	6852192	CAT 17	YD124473	YES Exploration Syndicate	17-Jan-11	1-Feb-14	Whitehorse
396467	6852641	CAT 18	YD124474	YES Exploration Syndicate	17-Jan-11	1-Feb-14	Whitehorse
396018	6852191	CAT 19	YD124475	YES Exploration Syndicate	17-Jan-11	1-Feb-14	Whitehorse
396017	6852641	CAT 20	YD124476	YES Exploration Syndicate	17-Jan-11	1-Feb-14	Whitehorse
395568	6852191	CAT 21	YD124477	YES Exploration Syndicate	17-Jan-11	1-Feb-14	Whitehorse
395567	6852640	CAT 22	YD124478	YES Exploration Syndicate	17-Jan-11	1-Feb-14	Whitehorse
395118	6852190	CAT 23	YD124479	YES Exploration Syndicate	17-Jan-11	1-Feb-14	Whitehorse
395117	6852640	CAT 24	YD124480	YES Exploration Syndicate	17-Jan-11	1-Feb-14	Whitehorse
397368	6851293	CAT 25	YD124481	YES Exploration Syndicate	16-Jan-11	1-Feb-14	Whitehorse
397368	6851743	CAT 26	YD124482	YES Exploration Syndicate	16-Jan-11	1-Feb-14	Whitehorse
396919	6851292	CAT 27	YD124483	YES Exploration Syndicate	16-Jan-11	1-Feb-14	Whitehorse
396918	6851742	CAT 28	YD124484	YES Exploration Syndicate	16-Jan-11	1-Feb-14	Whitehorse
396469	6851292	CAT 29	YD124485	YES Exploration Syndicate	16-Jan-11	1-Feb-14	Whitehorse
396468	6851742	CAT 30	YD124486	YES Exploration Syndicate	16-Jan-11	1-Feb-14	Whitehorse
396019	6851291	CAT 31	YD124487	YES Exploration Syndicate	16-Jan-11	1-Feb-14	Whitehorse
396018	6851741	CAT 32	YD124488	YES Exploration Syndicate	16-Jan-11	1-Feb-14	Whitehorse

395569	6851291	CAT 33	YD124489	YES Exploration Syndicate	16-Jan-11	1-Feb-14	Whitehorse
395568	6851741	CAT 34	YD124490	YES Exploration Syndicate	16-Jan-11	1-Feb-13	Whitehorse
395119	6851291	CAT 35	YD124491	YES Exploration Syndicate	16-Jan-11	1-Feb-13	Whitehorse
395118	6851740	CAT 36	YD124492	YES Exploration Syndicate	16-Jan-11	1-Feb-13	Whitehorse

**APPENDIX C**

**Reconnaissance Geological Traverses**

LABEL	Easting	Northing	Alteration	Descriptiv	Dip	Feat_Name	Igneous_Ro
270	397201	6852036			15 east	GEO_MAPP	
271	397146	6852040	strongly limonitic			GEO_MAPP	
272	396713	6852133				GEO_MAPP	
307	396856	6852136	None notice			GEO_MAPP	
308	396718	6852142	None notice			GEO_MAPP	
309	396595	6852158	None notice			GEO_MAPP	
310	396396	6852220	None notice			GEO_MAPP	
311	396348	6852195	None notice			GEO_MAPP	
312	396139	6852172	None notice			GEO_MAPP	
1	396970	6852128		Boulders		SOIL	
2	396865	6852177				SOIL	
3	396798	6852190				SOIL	
4	396751	6852194				SOIL	
5	396634	6852189		Talus		SOIL	
6	396583	6852188		Talus		SOIL	
7	396465	6852256		Permafrost		SOIL	
8	396420	6852264		Deep Organics		SOIL	
9	396356	6852250		Talus		SOIL	
10	396246	6852240		Boulders		SOIL	
11	396098	6852242				SOIL	
12	395996	6852211				SOIL	
E5238723	396903	6852112	propylitic			GEO_MAPP	
E5238724	396904	6852111	propylitic		10 east	GEO_MAPP	
E5238725	397145	6852040				GEO_MAPP	Volcanic
E5238213	396301	6852177	May be hematite alteration			GEO_MAPP	

LABEL	Main_Sampl			Metamorphi	Mineraliza	Moisture_C	Other_Samp
270				Gneiss			
271							
272				Gneiss			
307				Foliated	None		
308				Folded Schist	None		
309				Schist	None		
310				Schist	None		
311				Foliated	None		
312				Schist	None		
1	Lt Brown					Moist	Yellow/Orange
2	Brown					Moist	Yellow/Orange
3	Brown					Moist	Orange/Red
4	Brown					Wet	
5	Lt Brown					Dry	
6	Grey					Moist	Yellow/Orange
7	Black					Moist	
8	Brown					Moist	
9	Lt Brown					Moist	
10	Brown					Moist	
11	Lt Brown					Moist	Yellow/Orange
12	Lt Brown					Moist	Yellow/Orange
E5238723				Gneiss	Disseminated		
E5238724				Gneiss			
E5238725							
E5238213					Disseminated		

LABEL	Parent_Mat	Rock_Color	Rock_Textu	Rock_Type	Rock_Type2	Sample_Dep
270				IGNEOUS		
271		cream	Vesicular	IGNEOUS	rhyolite	
272				METAMORPHIC	amphibolite gneiss	
307				METAMORPHIC		
308				METAMORPHIC		
309				METAMORPHIC		
310				METAMORPHIC		
311				METAMORPHIC		
312				METAMORPHIC		
1	Weathered Bedrock					30-40
2	Weathered Bedrock					40-50
3	Weathered Bedrock					50-60
4	Weathered Bedrock					50-60
5	Weathered Bedrock					20-30
6	Weathered Bedrock					40-50
7	Weathered Bedrock					50-60
8	Weathered Bedrock					80-90
9	Weathered Bedrock					50-60
10	Weathered Bedrock					40-50
11	Weathered Bedrock					40-50
12	Weathered Bedrock					20-30
E5238723				METAMORPHIC		
E5238724		black-cream		IGNEOUS		
E5238725				IGNEOUS	rhyolite dike??	
E5238213		Orange red	Pegmatitic	IGNEOUS	Quartz Vein Float	

LABEL	Sample_ID	Soil_Horiz	Strike	Structure	Sulfides_O	Topography	Vegetation
270			334				
271			070 dike?				
272			340/15 east				
307	NO SAMPLE Mapping			Massive	None notice	Ridge Top	
308	NO SAMPLE Mapping			Massive	None notice	Ridge Top	
309	NO SAMPLE Mapping			Massive		Ridge Top	
310	NO SAMPLE Mapping			Massive	None notice	Ridge Top	
311	NO SAMPLE Mapping			Massive		Ridge Top	
312	NO SAMPLE Mapping			Massive		Ridge Top	
1		B				Ridge Top	Buck Brush
2		B				Ridge Top	Buck Brush
3		B				Ridge Top	Buck Brush
4		B				Ridge Top	Buck Brush
5		B				Ridge Top	Moss
6		B				Ridge Top	Buck Brush
7		B				Ridge Top	Buck Brush
8		B				Mid Slope	Moss
9		B				Mid Slope	Moss
10		B				Mid Slope	Buck Brush
11		B				Mid Slope	Buck Brush
12		B				Mid Slope	Buck Brush
E5238723	5238723				silvery specks	Ridge Top	
E5238724	5238724		326				
E5238725	5238725						
E5238213	E5238213				Py?	Ridge Top	

LABEL	Veins			
270			amphibolite-biotite gneiss	
271			float	
272				
307	Barren Quartz		Massive meta-ultramafic unit	
308	Barren Quartz		Massive meta ultramafic ?	F1 F2 folds present F1 is tilted slightly
309	None		Foliated schist w/ augens	
310	Barren Quartz		Foliated schist	occasional cross cutting quartz veins
311	None		Meta ultramafic rock w/ large hornblende crystals	Rock appears foliated in profile
312	None			
1		Silt		
2		Silt		
3		Silt		
4		Silt		
5		Silt		
6		Silt		
7		Silt		
8		Silt		
9		Silt		
10		Silt		
11		Silt		
12		Silt		
E5238723				
E5238724				
E5238725			strongly limonitic	
E5238213	Bull Quartz		Red orange hem stained quartz Vein	

<b>LABEL</b>	
270	
271	
272	
307	
308	Amphibolite grade metamorphism
309	
310	veins carrying magnetite
311	
312	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
E5238723	
E5238724	
E5238725	
E5238213	

**APPENDIX D**

**Rock Assay Certificate**



**INSPECTORATE**

A Bureau Veritas Group Company

# Certificate of Analysis

**11-360-08670-01**

Inspectorate Exploration & Mining Services Ltd.  
#200 - 11620 Horseshoe Way  
Richmond, British Columbia V7A 4V5 Canada  
Phone: 604-272-7818

### Distribution List

Attention: Ed Harrington  
3476 Dartmoor Place  
Vancouver, BC V5S 4G2  
Phone: 604-437-9538  
EMail: ed.harrington.geo@gmail.com

Submitted By: **Reliance Geological Services**  
**3476 Dartmoor Place**  
**Vancouver, BC V5S 4G2**

Date Received: 11/10/2011  
Date Completed: 11/22/2011  
Invoice:

Attention: **Ed Harrington**

Client Reference: **YES Rocks**  
Description: **Yes Exploration Syndicate**

Location	Samples	Type	Preparation Description
Whitehorse, YT	9	Rock	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	30-AR-TR	30 Element, Aqua Regia, ICP, Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS
Vancouver, BC	Hg-AR-TR-CVAA	Hg, AQR, CVAA, Trace Levels

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at [www.inspectorate.com](http://www.inspectorate.com).

For and on behalf of **Inspectorate Exploration and Mining Services Ltd**

By

**Michael Caron - Operations Manager**



# INSPECTORATE

A Bureau Veritas Group Company

#200 - 11620 Horseshoe Way

Richmond, British Columbia V7A 4V5  
Canada

# Certificate of Analysis

## 11-360-08670-01

Reliance Geological Services

3476 Dartmoor Place

Vancouver, BC V5S 4G2

Sample Description	Sample Type	Au	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La
		Au-1A T-AA ppm 0.005	30-AR-TR ppm 0.1	30-AR-TR % 0.01	30-AR-TR ppm 5	30-AR-TR ppm 10	30-AR-TR ppm 2	30-AR-TR % 0.01	30-AR-TR ppm 0.5	30-AR-TR ppm 1	30-AR-TR ppm 1	30-AR-TR ppm 1	30-AR-TR % 0.01	30-AR-TR % 0.01	30-AR-TR ppm 2
ES238723	Rock	<0.005	0.1	0.46	<5	77	<2	0.06	<0.5	1	47	25	0.68	0.20	<2
ES238724	Rock	<0.005	0.2	0.77	<5	82	<2	1.41	<0.5	12	98	76	1.52	0.20	28
ES238725	Rock	<0.005	<0.1	0.58	93	271	<2	0.04	<0.5	7	48	9	2.71	0.10	<2
ES238213	Rock	<0.005	0.1	0.29	<5	56	<2	0.02	<0.5	3	26	17	4.64	0.38	<2



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Reliance Geological Services

3476 Dartmoor Place

Vancouver, BC V5S 4G2

Sample Description	Sample Type	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Zr	Ti	Tl	V	W
		30-AR-TR %	30-AR-TR ppm	30-AR-TR ppm	30-AR-TR %	30-AR-TR ppm	30-AR-TR ppm	30-AR-TR ppm	30-AR-TR ppm	30-AR-TR ppm	30-AR-TR ppm	30-AR-TR ppm	30-AR-TR %	30-AR-TR ppm	30-AR-TR ppm
		0.01	5	1	0.01	1	10	2	2	1	1	0.01	10	1	10
ES238723	Rock	0.16	186	<1	0.09	6	154	7	<2	<1	16	0.03	<10	11	<10
ES238724	Rock	0.71	298	<1	0.11	36	2001	7	3	6	35	0.09	<10	47	<10
ES238725	Rock	0.03	179	10	0.01	26	215	8	13	3	21	<0.01	<10	28	<10
ES238213	Rock	0.03	42	106	0.04	2	194	7	5	1	19	<0.01	<10	46	<10



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Richmond, British Columbia V7A 4V5  
Canada

# Certificate of Analysis

11-360-08670-01

Reliance Geological Services

3476 Dartmoor Place

Vancouver, BC V5S 4G2

Sample Description	Sample Type	Zn	Zr	Hg
		30-AR-TR ppm	30-AR-TR ppm	Hg-AR-TR-CVAA ppm
ES238723	Rock	25	<2	<0.01
ES238724	Rock	26	2	<0.01
ES238725	Rock	29	<2	5.27
ES238213	Rock	17	<2	<0.01

**APPENDIX E**

**Soil Assay Certificate**



**INSPECTORATE**

A Bureau Veritas Group Company

# Certificate of Analysis

**11-360-08664-01**

Inspectorate Exploration & Mining Services Ltd.  
#200 - 11620 Horseshoe Way  
Richmond, British Columbia V7A 4V5 Canada  
Phone: 604-272-7818

### Distribution List

Attention: Ed Harrington  
3476 Dartmoor Place  
Vancouver, BC V5S 4G2  
Phone: 604-437-9538  
EMail: ed.harrington.geo@gmail.com

Submitted By: **Reliance Geological Services**  
**3476 Dartmoor Place**  
**Vancouver, BC V5S 4G2**

Date Received: 10/25/2011  
Date Completed: 11/14/2011  
Invoice:

Attention: **Ed Harrington**

Client Reference: **YES Soils**  
Description: **Yes Exploration Syndicate**

Location	Samples	Type	Preparation Description
Whitehorse, YT	108	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	30-AR-TR	30 Element, Aqua Regia, ICP, Trace Level
Vancouver, BC	Au-IAT-AA	Au, IAT Fire Assay, AAS
Vancouver, BC	Hg-AR-TR-CVAA	Hg, AQR, CVAA, Trace Levels

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at [www.inspectorate.com](http://www.inspectorate.com).

For and on behalf of **Inspectorate Exploration and Mining Services Ltd**

By   
Michael Caron - Operations Manager



**INSPECTORATE**

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#200 - 11620 Horseshoe Way

Richmond, British Columbia V7A 4V5  
Canada

# Certificate of Analysis

11-360-08664-01

Reliance Geological Services

3476 Dartmoor Place

Vancouver, BC V5S 4G2

Sample Description	Sample Type	Au	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La
		Au-1A T-AA ppm 0.005	30-AR-TR ppm 0.1	30-AR-TR % 0.01	30-AR-TR ppm 5	30-AR-TR ppm 10	30-AR-TR ppm 2	30-AR-TR % 0.01	30-AR-TR ppm 0.5	30-AR-TR ppm 1	30-AR-TR ppm 1	30-AR-TR ppm 1	30-AR-TR % 0.01	30-AR-TR % 0.01	30-AR-TR ppm 2
CAT 1	Soil	<0.005	<0.1	1.77	7	129	<2	0.19	<0.5	11	40	24	2.44	0.13	15
CAT 2	Soil	<0.005	<0.1	1.40	<5	168	<2	0.31	<0.5	8	49	20	2.07	0.19	12
CAT 3	Soil	<0.005	<0.1	2.29	<5	340	<2	0.43	<0.5	16	101	65	3.42	0.64	14
CAT 4	Soil	<0.005	<0.1	1.78	10	169	<2	0.31	<0.5	8	38	54	2.37	0.18	92
CAT 5	Soil	<0.005	<0.1	1.94	<5	250	<2	0.37	<0.5	12	91	20	2.65	0.54	19
CAT 6	Soil	<0.005	<0.1	1.45	6	154	<2	0.18	<0.5	6	28	16	2.24	0.11	6
CAT 7	Soil	<0.005	<0.1	0.70	<5	244	<2	0.30	<0.5	2	34	48	1.00	0.05	19
CAT 8	Soil	<0.005	<0.1	0.91	<5	199	<2	0.24	<0.5	6	60	19	1.35	0.09	12
CAT 9	Soil	<0.005	<0.1	2.41	<5	144	<2	0.18	<0.5	22	40	139	4.00	0.67	7
CAT 10	Soil	<0.005	<0.1	1.32	<5	159	<2	0.30	<0.5	7	32	38	2.12	0.22	10
CAT 11	Soil	<0.005	<0.1	0.82	<5	106	<2	0.17	<0.5	4	13	19	1.41	0.05	14
CAT 12	Soil	<0.005	<0.1	1.34	6	131	<2	0.20	<0.5	6	33	11	2.33	0.15	9



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Richmond, British Columbia V7A 4V5  
Canada

# Certificate of Analysis

11-360-08664-01

Reliance Geological Services

3476 Dartmoor Place

Vancouver, BC V5S 4G2

Sample Description	Sample Type	Mg	Mn	Mo	Na	Ni	P	Pb	Se	Sc	Sr	Ti	Tl	V	W
		30-AR-TR %	30-AR-TR ppm	30-AR-TR ppm	30-AR-TR %	30-AR-TR ppm	30-AR-TR ppm	30-AR-TR ppm	30-AR-TR ppm	30-AR-TR ppm	30-AR-TR ppm	30-AR-TR ppm	30-AR-TR %	30-AR-TR ppm	30-AR-TR ppm
CAT 1	Soil	0.61	267	1	0.02	18	442	8	<2	4	14	0.10	<10	65	<10
CAT 2	Soil	0.65	211	<1	0.02	17	676	6	<2	3	24	0.11	<10	55	<10
CAT 3	Soil	1.84	315	<1	0.02	31	527	5	<2	8	19	0.18	<10	108	<10
CAT 4	Soil	0.68	187	<1	0.02	16	989	7	<2	5	25	0.10	<10	49	<10
CAT 5	Soil	1.33	398	<1	0.02	28	898	5	<2	5	24	0.14	<10	62	<10
CAT 6	Soil	0.55	169	1	0.01	13	368	7	<2	4	16	0.09	<10	60	<10
CAT 7	Soil	0.17	38	<1	0.02	13	921	3	<2	<1	25	0.02	<10	21	<10
CAT 8	Soil	0.46	138	<1	0.02	20	468	3	<2	1	18	0.07	<10	38	<10
CAT 9	Soil	1.46	395	1	0.02	25	385	6	<2	9	12	0.17	<10	121	<10
CAT 10	Soil	0.65	234	1	0.02	13	656	5	<2	3	25	0.11	<10	61	<10
CAT 11	Soil	0.16	302	1	0.02	5	247	7	<2	1	19	0.05	<10	44	<10
CAT 12	Soil	0.54	208	<1	0.01	13	366	5	<2	3	18	0.11	<10	62	<10



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3476 Dartmoor Place

Vancouver, BC V5S 4G2

Sample Description	Sample Type	Zn	Zr	Hg
		30-AR-TR ppm 2	30-AR-TR ppm 2	Hg-AR-TR-CVAA ppm 0.01
CAT 1	Soil	44	<2	0.08
CAT 2	Soil	35	<2	<0.01
CAT 3	Soil	51	<2	0.01
CAT 4	Soil	39	<2	0.06
CAT 5	Soil	50	3	<0.01
CAT 6	Soil	39	<2	<0.01
CAT 7	Soil	10	<2	<0.01
CAT 8	Soil	21	<2	<0.01
CAT 9	Soil	83	<2	<0.01
CAT 10	Soil	48	<2	<0.01
CAT 11	Soil	20	<2	<0.01
CAT 12	Soil	40	<2	<0.01