



## ASSESSMENT REPORT TITLE PAGE AND SUMMARY

**TITLE OF REPORT: Geochemical, Prospecting Assessment Report on the Steven Mineral Property**

**TOTAL COST: \$9,670.54**

AUTHOR(S): Adam Travis

SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):

STATEMENT OF WORK EVENT NUMBER(S)/DATE(S ): **5405805**

YEAR OF WORK: 2012

PROPERTY NAME: Steven Mineral Property

CLAIM NAME(S) (on which work was done):

Steven 1 (Tenure #: 899151)

Steven 2 (Tenure #: 981163)

COMMODITIES SOUGHT: Gold

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN:

103F -059 Steven

MINING DIVISION: Skeena Mining Division

NTS / BCGS: 103F/8

LATITUDE: 53°25'N

LONGITUDE: 123°21'E

OWNER(S): Cazador Resources Ltd

MAILING ADDRESS:

110-2300 Carrington Road, West Kelowna, B.C

V4T 2N6, Canada

OPERATOR(S): Cazador Resources Ltd.

REPORT KEYWORDS:

Epithermal gold, Carlin style gold, Antimony, Arsenic

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

7762,9837,6925,7762,9837,18413

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED
GEOLOGICAL (scale, area) Ground, mapping			

Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil	23 Samples	Steven 1 (899151) Steven 2 (981163)	\$3,000
Silt	11 Samples	Steven 1 (899151) Steven 2 (981163)	\$1,000
Rock	2 Samples	Steven 1 (899151) Steven 2 (981163)	\$500
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)		Steven 1 (899151) Steven 2 (981163)	\$5,170.54
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Other			
		<b>TOTAL COST</b>	<b>\$9,670.54</b>

**CAZADOR RESOURCES LTD.**

**GEOCHEMICAL AND PROSPECTING ASSESSMENT REPORT ON  
THE STEVEN MINERAL PROPERTY**

**BC Geological Survey  
Assessment Report  
33862**

**QUEEN CHARLOTTE ISLAND, SKEENA MINING DIVISION**

**BRITISH COLUMBIA, MAPSHEET 103F**

**ADAM TRAVIS, BSc. Major Geology**

**December 15, 2012**

## Table of Contents

Summary and Recommendations .....	1
Terms of Reference.....	2
Location and Access .....	2
Topography and Physiography .....	4
Claim Detail .....	4
History and Previous Work.....	6
Regional Geology and Mineralization .....	7
Property Geology and Mineralization (after Assessment Report 18413).....	10
Current Assessment Work .....	11
Recommendations and Conclusions .....	12
References.....	13
Appendices.....	14
Appendix I: Statement of Qualifications .....	14
Appendix II: Statement of Expenditures.....	15
Appendix III: Lab Certificates .....	16

### **Figures**

Figure 4a- Property Geology and Compilation (Historic Sampling-Au)

Figure 4b- Property Geology and Compilation (Historic Sampling-As)

Figure 4c- Property Geology and Compilation (Historic Sampling- Hg)

Figure 5- 2012 Exploration Program Results (Sample id/ Au/ As/ Hg)

## Summary and Recommendations

The Steven Property is located up the Ghost Creek drainage approximately 26 kilometers northwest of Queen Charlotte City on Graham Island. Access is gained via a network of logging roads to the western claim boundary; unfortunately most of the logging roads throughout the property have been deactivated and/or overgrown with alder trees.

The property was staked by Cazador Resources in 2011 to cover the Steven minifile occurrence which consists of a massive pod of orpiment (< 5 %) and realgar (<30%) and stibnite (<5%) hosted in bioturbated silty sandstones which occurs in the western portion of the property and also to cover an area of 22 percussion holes and 8 diamond drillholes drilled by Chevron from 1979 to 1981 which returned significant mercury and gold values up to 1400 ppb Au over 10 feet.

An examination of previous geochemical sampling for arsenic and mercury indicates that there's a significant (300-600 m wide x 1600 m long) anomaly underlain by a larger altered, silicified and sulphidized system (1200 m wide x 2400 m long) sub parallel to a NNW trending fault. This fault zone area however remains only poorly tested at best with the nearest drillholes more than 300 meters away to the west.

The geological setting is thought to be quite prospective for Carlin or epithermal hot spring type mineralization similar to the Specogna deposit located approximately 14 km to the NE which is host to 52.7 mt of 1.7 g/t Au.

The 2012 work program consisted of the collection of 23 soil samples, 2 rock samples and 11 silt samples over a two day period between August 30<sup>th</sup> and September 2<sup>nd</sup>, 2012 and resulted in the expenditure of \$ 9670.54.

The results of the 2012 program indicate that silt and soils are effective in highlighting previously known mineralization, however no anomalous values were returned on the west side of Ghost Creek. Brushing of old roads and ATV's will be required to conduct future effective exploration.

This area on Graham Island has undergone extensive land use planning and is zoned for resource development.

## **Terms of Reference**

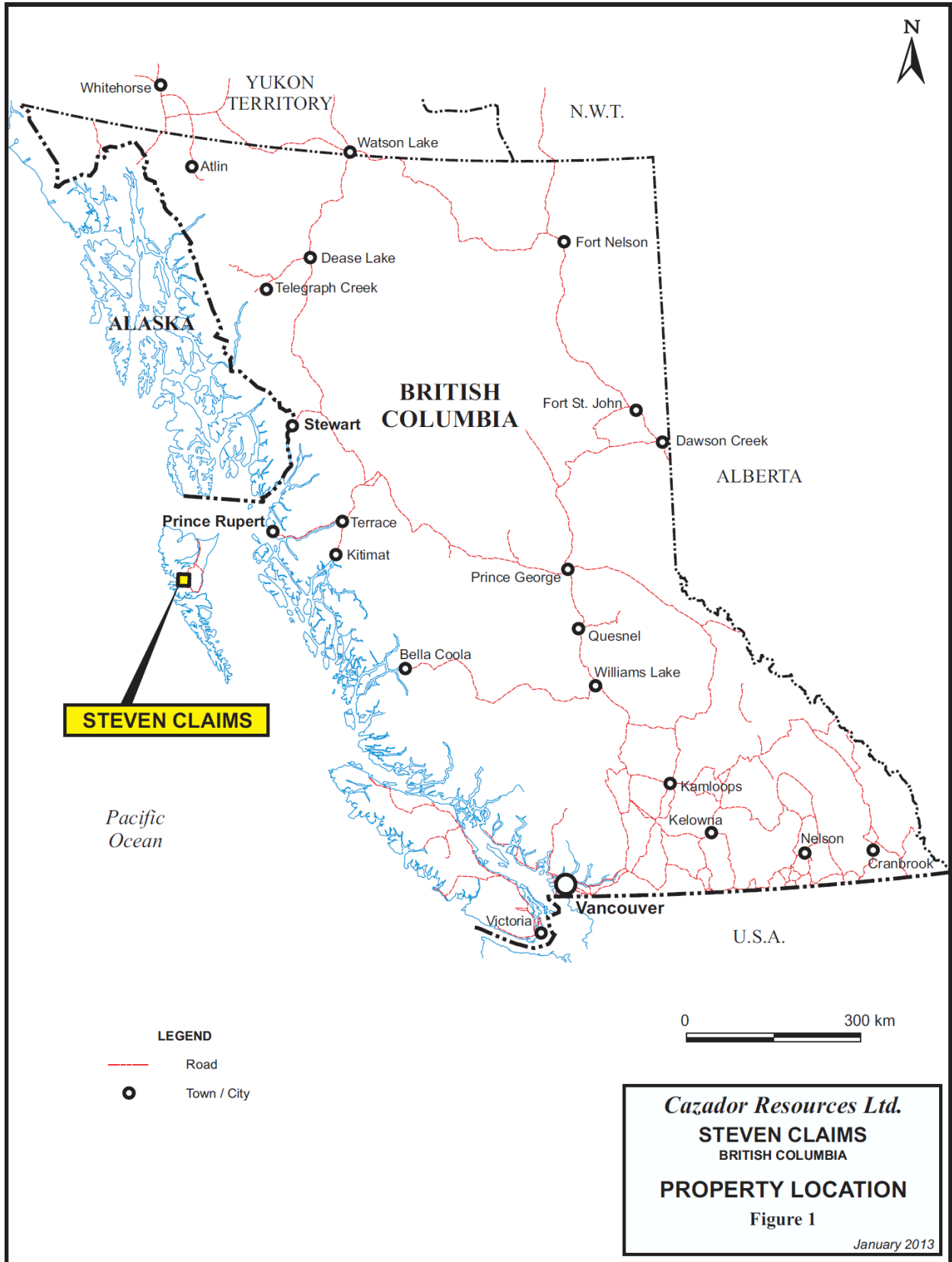
This report is intended as an assessment report of the Steven Property, a review of available pertinent technical data and a set of recommendations for a preliminary program of geological, geochemical and geophysical exploration on the property. It has been prepared at the request of Cazador Resources Ltd. and is based on geological descriptions contained in a number of published and unpublished reports and maps of the proposed project.

## **Location and Access**

The Steven Property is located on Ghost Creek, 26 km NW of Queen Charlotte City on Graham Island. The claims are on NTS map sheet 103F/8 at longitude 123° 21'E and latitude 53° 25'.

Access to the property is by forest service roads, use of these roads during working hours can usually be arranged with the local contractors. Access to the property edges in 2012 was provided by 4-wheel drive truck. Active logging operations were noted along the western and north western margins of the property.

Most of the roads within the current property however are significantly overgrown and/or washed out and provide only foot access. Limited chainsaw work and some filling in of wash outs however could provide ATV access.



## Topography and Physiography

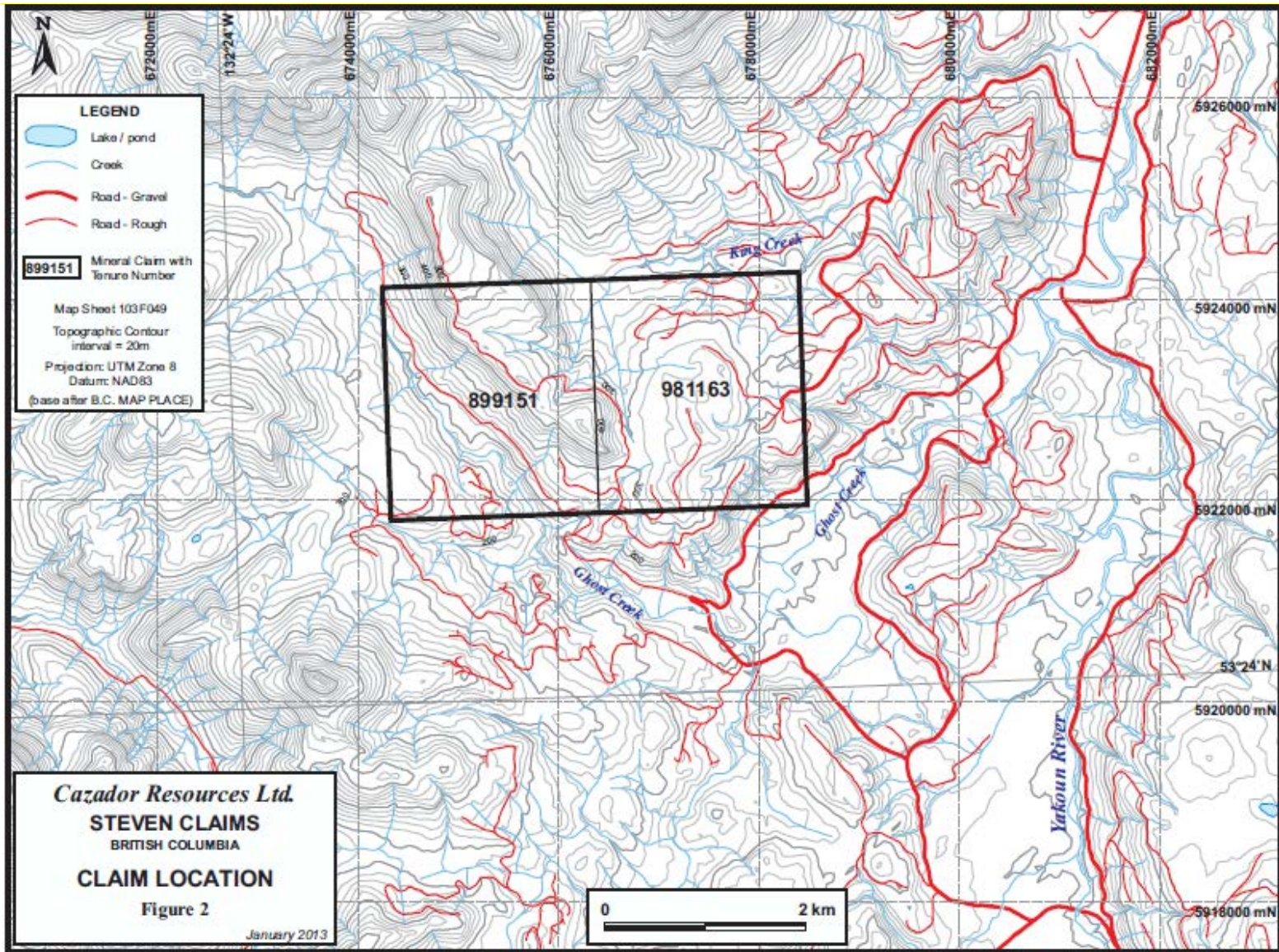
The local topography is dominated by rounded hills with relief of 430 meters. Elevations on the property range from 90 meters in the southeast to 520 meters in the northwest. Vegetation consists mainly of spruce and yellow cedar; large portions throughout the property were logged in the past and areas to the west of the claim are currently being logged.

## Claim Detail

The Steven property consists of a total of 2 Claims totaling 933.12 hectares. Upon acceptance of this report the claims will be in good standing till June 01, 2015.

<b>Tenure #</b>	<b>Claim Name</b>	<b>Owner</b>	<b>Tenure Type</b>	<b>Tenure Sub Type</b>	<b>Map Number</b>	<b>Issue Date</b>	<b>Good to Date</b>	<b>Status</b>	<b>Area (ha)</b>
899151	Steven 1	201078 (100%)	Mineral	Claim	103F	2011/sep/21	2015/jun/01	GOOD	481.57
981163	Steven 2	201078 (100%)	Mineral	Claim	103F	2012/apr/19	2015/jun/01	GOOD	481.55
								<b>Total</b>	<b>963.12</b>





## History and Previous Work

The earliest known work done in the areas is by JMT Services, who worked on their King Claims. The Steven Property covers an area once owned by JMT Services. The history of the King property is as follows.

June 1977	<ul style="list-style-type: none"> <li>• King 1 claim staked to cover anomalous Hg and As in stream silts</li> </ul>
September 1977	<ul style="list-style-type: none"> <li>• King 1 claim re-staked and King 2&amp;3 staked to cover a geochemical anomaly</li> </ul>
October 1977	<ul style="list-style-type: none"> <li>• Newmont optioned the property and contracts JMT services to complete geochemical sampling and geologic mapping</li> </ul>
1978	<ul style="list-style-type: none"> <li>• Newmont dropped its option</li> </ul>
March 1979	<ul style="list-style-type: none"> <li>• JMT stakes King 4-6 claims</li> <li>• Chevron Canada Limited optioned the property</li> </ul>
September 1979	<ul style="list-style-type: none"> <li>• Chevron stakes King 8 and 9 claims</li> </ul>
October 1979	<ul style="list-style-type: none"> <li>• JMT Services completes geologic mapping, geochemical sampling and commences percussion drilling 22 holes on King 1</li> </ul>
March 1980	<ul style="list-style-type: none"> <li>• King 7 was abandoned and King 10 was staked in its place</li> <li>• Chevron drills 5 diamond drill holes and King 1 and 10 claims for a total of 895</li> </ul>
December 1980	<ul style="list-style-type: none"> <li>• King 11-13 claims were staked</li> </ul>
November 1981	<ul style="list-style-type: none"> <li>• Chevron drills 3 diamond drill holes on King 1 and 10 claims for a total of 418 meters</li> </ul>
1982	<ul style="list-style-type: none"> <li>• Chevron drops their option</li> </ul>
May 1988	<ul style="list-style-type: none"> <li>• King 1, 2 and 3 in good standing</li> </ul>
May-June 1988	<ul style="list-style-type: none"> <li>• Newmont stakes Steven 1-12 claims (old King 6,10,11 claims) and conducts a limited geological and geochemical program</li> </ul>
September 21 2011	<ul style="list-style-type: none"> <li>• Steven 1 claim staked by Cazador Resources</li> </ul>
April 19 2012	<ul style="list-style-type: none"> <li>• Steven 2 claim staked by Cazador Resources after compilation</li> </ul>

## Regional Geology and Mineralization

The geology of the Queen Charlotte Islands is described in detail in the B.C. Department of Mines Bulletin No. 54 by A. Sutherland-Brown. The central portion of Graham Island is underlain mainly by the northwest striking sequence of middle Jurassic volcanic and sediments of the Yakoun Formation (Upper Vancouver Group). These rocks consist of porphyritic andesite, pyroclastic and volcanic sandstones. Unconformable overlying the Yakoun are flat laying Tertiary basalt and rhyolite flows of the Massett Formation. Intruding these units are Tertiary feldspar porphyry dykes and sills, diorite stocks and gabbro plugs. North, northeast and northwest trending faults and linears are prominent features of the area.

The Steven Property is located approximately 14 km SW of the Specogna epithermal gold silver deposit and occurs in a similar geologically setting albeit along a sub parallel fault (see figure 3: 103F034 Harmony). At Specogna the surrounding area is underlain by three major formations, an intrusive igneous sequence, a major fault system and the mid-upper levels of an epithermal hot-spring-type (low sulphidation, quartz adularia sub-type) precious metal system.

The Specogna gold deposit is localized along the Sandspit fault, which strikes 162 degrees and dips about 45 to 50 degrees northeast in the vicinity of the deposit. The Sandspit fault is a normal right- lateral fault that separates the shale member of the Cretaceous Haida Formation (Queen Charlotte Group) from a downdropped block of Miocene-Pliocene Skonun Formation sediments (east of fault).

A dacite intrusion immediately predates the epithermal hot-spring suite and may have contributed to the movement of hydrothermal fluids upwards along deep-seated structures. The suite is dominated by a quartz matrix polymictic hydrothermal breccia, containing clasts of Skonun sediments, Haida mudstone and dacite. The breccia body strikes 170 degrees for 750 metres proximal to the Specogna fault and dips 40 to 65 degrees east. It consists of a wedge shaped zone up to 70 metres wide at or near surface that extends downdip for up to 650 metres. Fluidized and milled breccias occur at depth below the polymictic breccia. A zone of early mineralized banded chalcedonic and variably bladed (quartz after calcite) and late barren, vuggy and drusy quartz veins flanks the breccia to the east. These veins comprise a conjugate set with two dominant attitudes; 015 degrees/87 degrees west and 039 degrees/67 degrees northwest. Two main sinter horizons occur near the top of the deposit in Skonun conglomerates. These trend northerly for 350 metres and are up to 13 metres thick. The horizons are cut by all breccias and vein types. The presence of multiple sinter horizons in Skonun sediments and the occurrence of fragments of vein quartz (early mineralized and late barren) and clasts of previously silicified sandstone in the upper part of the Skonun Formation ("upper mudflow breccia") suggest that epithermal activity was contemporaneous with deposition of Skonun sediments.

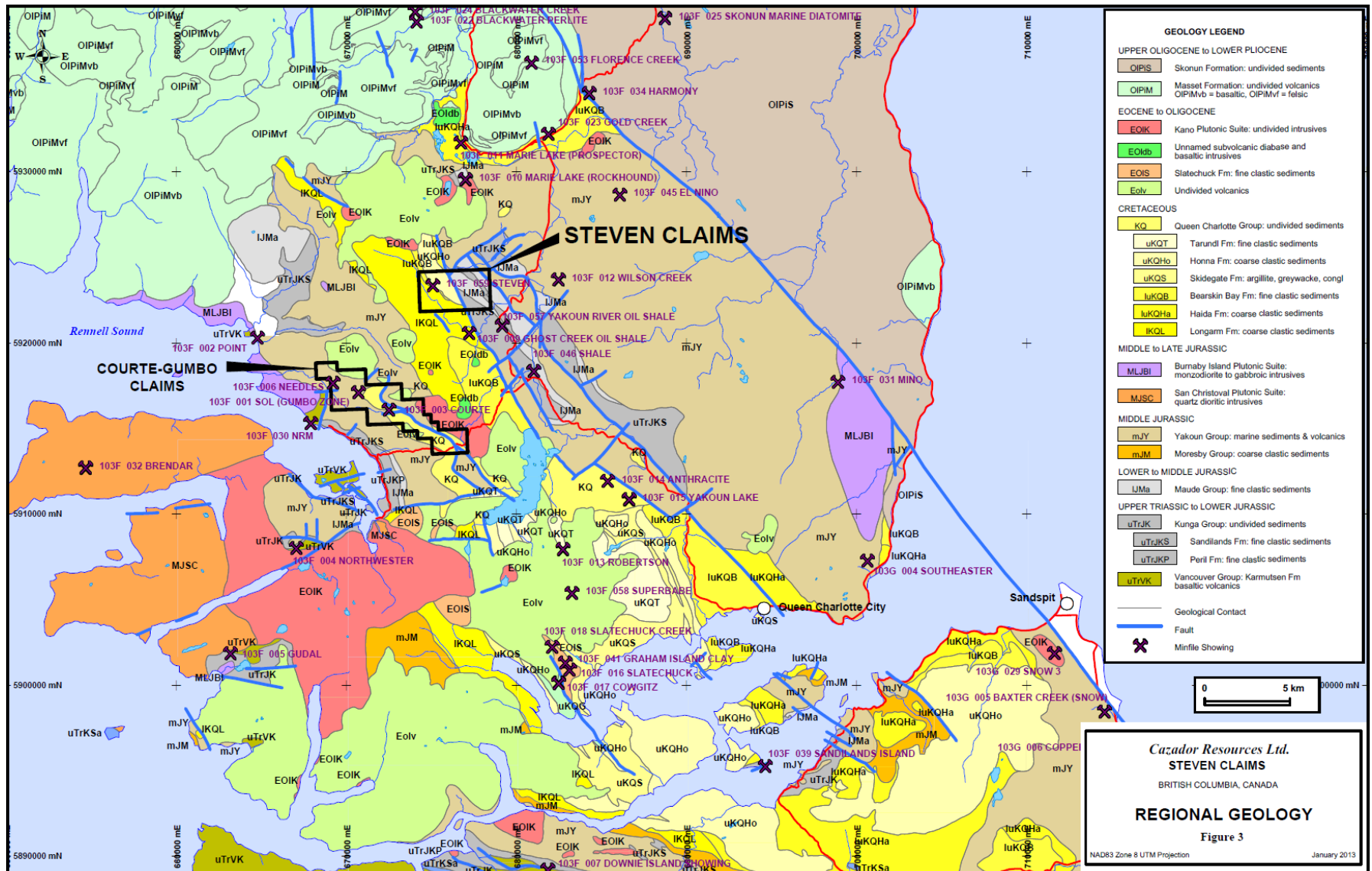
Metallic mineralization at the Specogna deposit is dominated by pyrite and marcasite, which together typically comprises 2 to 4% of altered wallrocks in the form of semi-massive replacements of conglomerate clasts to disseminations in finer grained sediments and intrusive dikes. Early mineralized quartz veins tend to be less sulphidic, while later barren veins are largely free of sulphides. Chalcopyrite is occasionally present in quartz veins below the deposit.

Other minerals identified in decreasing order of abundance include limonite, hematite, native gold, cinnabar, sphalerite and pyrrhotite (Gasparrini, 1979).

Gold is finely disseminated in elevated concentrations within a broad zone of potassic alteration and silicification between the Sandspit fault to the west and the barren, argillic alteration zone to the east, (generally the contact between argillic alteration and silicification marks the 0.69 gram per tonne gold grade boundary). The gold is mostly free and extremely fine with occasional coarse accumulations. Higher concentrations of gold are associated with quartz veins and breccias, as indicated by channel sampling of the Specogna adit, where quartz veins 10 centimetres or wider were sampled separately from wallrock. One hundred and thirty seven vein samples averaged 9.61 grams per tonne gold, while intervening wallrock samples averaged 3.00 grams per tonne gold (Assessment Report 24972, page 26). Visible gold is almost entirely found in quartz veins, often at or near their margins. Visible gold occurs most often in narrow uniformly textured light grey quartz veins and secondarily in larger banded to mottled and bladed light to dark grey and brownish grey chalcedonic quartz veins.

The orebody is essentially wedge-shaped and extends 800 metres northwest along the Specogna fault. The wedge is approximately 250 metres wide at surface, thinning with depth to 50 metres at sea level (200 metres below surface). The orebody has been traced downdip for 300 to 400 metres. Mineable reserves estimated to June, 1997 are 33.5 million tonnes grading 2.11 grams per tonne gold at a cutoff grade of 1.20 grams per tonne gold (Assessment Report 25393, page 2). A lower grade stockpile is also estimated to contain 17 million tonnes averaging 0.99 gram per tonne gold (Misty Mountain Gold Limited Press Release, May 12, 1997). Independent Mining Consultants Inc., on behalf of Misty Mountain, estimated the deposit has a mineral reserve of 52.7 million tonnes grading 1.7 grams per tonne gold. The ore is distributed in four silicified lithologies. The Skonun Formation contains 55 per cent of the total ore tonnage; hydrothermal breccia, 30 per cent; dacite, 13.0 per cent and Haida Formation mudstone, 2.0 per cent. Drilling in 1988 suggests mineralization may continue northeast of the proposed pit (Assessment Report 18785). Drilling 300 metres north of the deposit in 1998 intersected 9.98 metres of 10.07 grams per tonne gold in sheared and locally weakly silicified dacite dike, suggesting additional zones of mineralization may occur along the Sandspit fault (Press Release, Misty Mountain Gold Limited, February 25, 1999).





## **Property Geology and Mineralization (after Assessment Report 18413)**

Reconnaissance prospecting and sampling was conducted along logging roads during the 2012 season with the property geology fairly well understood by previous workers.

The oldest exposed unit on the Steven property consists of fine grained, green mafic volcanic of the Lower Jurassic Yakoun Formation which is part of the Vancouver Group. Towards the top of the Yakoun the rocks are more of volcanic sandstone. They are well exposed along Ghost Creek where they strike about  $110^{\circ}$  and dip about  $10^{\circ}$  NE. slickenside measurements demonstrate a major structure along Ghost Creek. Very minor pyrite mineralization was found in these rocks.

Overlying the Yakoun Formation are dark coloured, fine grain, well bedded, rusty argillites and mudstones of the Upper Cretaceous Haida Formation which is part of the Queen Charlotte Group. They are best classified as turbidites. Locally the rocks are cherty, silicified and clay altered. The rocks occur in the central part of the Steven 1 claim where the strike at  $140^{\circ}$  and dip  $30^{\circ}$  NE. these rocks are quite sheared and faulted with low angle thrusts, at  $140^{\circ}$ , high angle normal shears at  $140^{\circ}$  and high angle normal cross faults at  $230^{\circ}$ . Massive and disseminated realgar, stibnite pyrite and cinnabar mineralization occurs near the top of the Haida in a slightly chloritic and argillaceous sandy turbidite sequence. This showing was called the Victory Zone as located at the Steven minfile symbol.

Unconformably overlying the Haida rocks is a medium green to dark green, coarse grained, framework supported cobble conglomerate of the Upper Cretaceous Honna Formation which is also part of the Queen Charlotte Group. The cobbles are made up of Yakoun volcanic Haida sandstone and Tertiary intrusive fragments.

Chlorite and clay are the main alteration minerals. The rocks occur in the central areas of Steven 1 about halfway up a northwest trending ridge. They strike about  $148^{\circ}$  and dip  $\sim 46^{\circ}$  into the hill (NE). The conglomerate is also sheared and faulted. Disseminated pyrite occurs throughout and minor chalcopyrite occurs in some intrusive cobbles.

The above units also contain Tertiary feldspar porphyry dykes and sills which occupy low angle thrusts (sills) and high angle ( $\sim 55^{\circ}$ SE) normal crosscutting faults (dykes).

### **Victory Zone (Steven Minfile Symbol location)**

The Victory Zone was found while prospecting along a newly constructed logging road by Newmont in 1988. Up to 30% realgar, 5% stibnite and 5% orpiment with lesser pyrite and cinnabar occur, as massive prods, disseminations, veinlet's and fracture fillings within a cherty argillaceous sandstone occur near the top of the Haida Formation. The showing is about  $2\frac{1}{2}$  - 3 meters in width and 10 – 12 meters in length. It strikes about  $110^{\circ}$  and dips into the hill at  $46^{\circ}$  (N). the sediments are well bedded and near the top of the zone cross bedding can be observed. Bioturbation textures are common. Bedding of realgar, framboidal pyrite and marcasite could indicated a stratabound nature of the mineralization but replacement textures also occur.

The mineralization appears to be cut off by the 110° striking 85° SW shear. Brecciated mineralization occurs on the side of the shear and is approximately ½ meter wide.

The central and eastern portions of the Steven property have seen 8 diamond drillholes and 22 percussion holes drilled by Chevron between 1979 and 1981. These holes were drilled in an attempt to locate disseminated gold mineralization and eventually the latter holes were drilled at the western end and presumed bedrock source of major arsenic- mercury (and limited extent gold) geochemical anomaly thought to be concentrated near the lower contact of a conglomerate unit. No values were reported for the final drillhole in 1981 in an area thought to represent the bedrock source. Later work by Newmont in 1988 approximately 200 metres south and downslope discovered the Victory Zone (Steven minfile).

Previous soil sampling and geological mapping has indicated that there is a hydrothermal sulphide system exceeding 8000 feet in length by 4000 feet wide that contains two extremely large and exceptionally strong As-Hg geochem anomalies. Within the Honna conglomerate for example there's a 1000-2000 feet wide by 5000 feet long zone of nearly continuous intense silicification with one percent disseminated pyrite and minor fracture pyrite and arsenopyrite that lies parallel to a major NNW trending fault.

An examination of Figure 4 b which documents the historic sampling for arsenic indicates this large area occurs near the central portion of the current claims. It is also noted that the previous percussion holes drilled east of the NNW trending fault were thought to contain values only in the till and that the later diamond drillholes were drilled more than 300 metres west of this fault

## **Current Assessment Work**

A total of 36 samples were taken, consisting of 2 rock samples, 11 silt samples, 23 soil samples by a geologist and assistant. Work was completed during a two day period on August 31<sup>st</sup> and September 2<sup>nd</sup>, and resulted in expenditures of \$9,670.54 (See appendix II for further breakdown). Work was hindered by the fact that access from the east off Queen Charlotte Main up the King Creek drainage is totally overgrown as is access across Ghost Creek and up the east side. The only current drivable access is along the western claim boundary. Foot access with machete was used to sample the central portion of the claim.

Soil samples were labeled with the pre-fix SKS and silt samples with a square and rock samples with a triangle in the sequence 1723864 to 1723876 on figure 5.

As can be noted on the figure 5, sampling was concentrated on the western portions of the claims where access was the best.

## **Highlights of 2012 work program include:**

- Upper Cretaceous Honna Formation bioturbated limestones were noted on the west side of Ghost Creek, indicating that there might be potential for mineralization as noted on the east side of Ghost Creek.

- A gossanous zone exposed in “blow down” near the contact of an Eocene aged intrusion was also sampled northwest of the property. Sampling of the contact areas of the intrusion returned weakly anomalous gold in rock 1723865- 44ppb and arsenic 79ppm and in soil sample 1723867- 9ppb Au.
- Soil and silt sampling along the road network west of Ghost Creek returned only background values for gold, arsenic and mercury.
- Soil and silt sampling along the de-activated roads east of Ghost Creek returned elevated to sporadic very high (As 308 in Silt 1723874) draining the Steven (Victory Zone) showing. Elevated gold (10ppb) was also noted in a few soil samples between the favorable horizons.

## **Recommendations and Conclusions**

Based on the results of the 2012 program, it is recommended that at least a two man crew with ATV's and chainsaws brush out and re-establish access to the prominent NNW trending fault zone with associated alterations and anomalous geochemistry. A significant washout is located approximately 1km past the Ghost Creek bridge on the east side of Ghost Creek and will probably require some timbers to provide ATV access.

Once ATV access is established detailed prospecting, mapping and sampling is required along the strike of the NNW trending fault with emphasis on anomalous geochemical areas. Bedrock exposures along creek cuts may provide areas for continuous sampling. Geophysics might provide some further targeting for subsequent drill testing. This significant target has not been properly tested by previous workers.



## References

B.C Department of Mines Assessment Report #7762, 9837, 6925 7762, 9837

SUTHERLAND- Brown A. (1968): Geology of the Queen Charlotte Islands, B.C Department of Mines  
Bulletin #54

TURNER, J.A (1989) Assessment Report #18413

## **Appendices**

### **Appendix I: Statement of Qualifications**

To Accompany Geochemical and Prospecting Report on the Steven Property, British Columbia, Canada, dated December 15, 2012. I, Adam Travis, B.Sc., of 110-2300 Carrington Road, west Kelowna, B.C V4T 2N6 do hereby certify that:

I am a consulting geologist with an office at 110-2300 Carrington Road, West Kelowna, B.C V4T 2N6

I graduated from the University of British Columbia in 1990 and was awarded a B.Sc. in Geology.

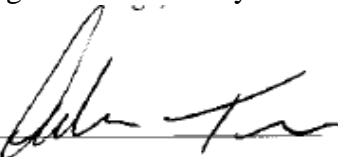
I have practiced my geological profession since 1986 in many parts of Canada, the United States, Mexico, China and Africa.

I am familiar with the geological setting of the Steven property, contained within this report and control the private company (Cazador Resources Ltd.), which is the owner of the property.

I have gathered my information for this report from government publications and websites, assessment reports and data that are believed to be reliable and accurate.

I hereby grant my permission to Cazador Resources Ltd. to use this Geological Report for whatever purposes it wants, subject to the disclosures set out in this Certificate.

Dated and Signed this 15<sup>th</sup> day of December, 2012 in West Kelowna, B.C

Signed 

Adam Travis, B.Sc.

## Appendix II: Statement of Expenditures

### Expense Report

<u>Category</u>	<u>Description</u>	<u>Steven Property</u>
Transportation	Air Canada	786.52
	Eagle Transit	27.00
	Taaw Naay Enterprises	62.02
	Rustic Rentals	408.04
	Eagle Transit	27.00
	Air Canada Fee	22.40
	Mileage	52.00
	<i>Subtotal</i>	<b><u>1332.98</u></b>
Hotel	Hecate Inn Ltd	246.40
	<i>Subtotal</i>	<b><u>246.40</u></b>
Meals	Travel Meals	159.95
	<i>Subtotal</i>	<b><u>159.95</u></b>
Field Work	Adam Travis	2350.00
	Shelly Spence	1050.00
	ActLabs	871.59
	<i>Subtotal</i>	<b><u>4271.59</u></b>
Office Work	Terry Lee -Contractor	2116.80
	Report Writing	1542.82
	<i>Subtotal</i>	<b><u>3659.62</u></b>
	<b>Total</b>	<b><u>\$ 9,670.54</u></b>

## **Appendix III: Lab Certificates**



**Date Submitted:** 04-Oct-12  
**Invoice No.:** A12-10976  
**Invoice Date:** 22-Oct-12  
**Your Reference:** Steven

**Adam Travis**  
110-2300 Carrington Road  
West Kelowna B.C.  
Canada

**ATTN: Adam Travis**

## CERTIFICATE OF ANALYSIS

2 Rock samples and 34 Soil samples were submitted for analysis.

The following analytical packages were requested: Code 1A2 Au - Fire Assay AA  
Code 1E3 Aqua Regia ICP(AQUAGEO)

REPORT **A12-10976**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or  
+1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



**Activation Laboratories Ltd.      Report:    A12-10976**

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1723864	< 5	< 0.2	0.9	22	628	< 1	11	3	101	3.32	9	< 10	141	0.7	< 2	0.63	9	26	4.33	< 10	< 1	0.26	13	0.98
1723865	44	0.6	0.8	443	468	2	9	19	125	2.90	79	< 10	13	< 0.5	< 2	0.89	12	12	10.6	< 10	< 1	< 0.01	10	1.39
1723866	< 5	< 0.2	1.7	209	535	< 1	18	4	121	3.62	2	< 10	< 10	< 0.5	< 2	1.07	13	32	6.25	10	< 1	0.02	< 10	2.62
1723867	9	< 0.2	1.2	22	455	< 1	14	4	104	3.92	12	< 10	140	0.7	< 2	0.46	7	22	4.76	< 10	< 1	0.27	13	1.01
1723868	< 5	< 0.2	1.0	21	1100	< 1	16	< 2	95	4.21	11	< 10	126	0.6	< 2	0.91	14	26	5.70	10	< 1	0.30	< 10	1.43
1723869	< 5	< 0.2	1.1	18	1490	< 1	15	< 2	109	4.28	13	< 10	150	0.7	< 2	0.95	15	33	5.74	10	< 1	0.38	12	1.33
1723870	< 5	< 0.2	1.1	16	915	< 1	15	2	114	4.75	9	< 10	160	0.6	< 2	0.94	13	33	5.87	10	< 1	0.33	12	1.61
1723871	< 5	< 0.2	1.0	16	1130	< 1	14	4	111	4.73	15	13	159	0.7	< 2	0.75	14	28	5.50	10	< 1	0.41	< 10	1.23
1723872	< 5	< 0.2	1.1	11	1780	< 1	15	2	100	5.16	12	13	217	0.6	< 2	0.95	16	32	5.25	10	< 1	0.31	< 10	1.30
1723873	< 5	< 0.2	1.0	17	677	< 1	12	4	91	4.73	8	16	204	0.6	< 2	1.05	9	29	4.46	10	2	0.26	< 10	1.21
1723874	< 5	< 0.2	1.0	38	734	< 1	20	7	102	4.40	308	12	237	0.9	< 2	0.61	12	33	4.53	10	2	0.51	< 10	0.93
1723875	5	< 0.2	< 0.5	60	568	< 1	27	9	127	5.62	19	31	178	0.9	3	0.42	12	46	5.19	10	< 1	0.44	< 10	1.06
1723876	< 5	< 0.2	0.9	27	1120	< 1	20	3	109	4.54	36	18	220	0.7	< 2	0.98	15	44	5.25	10	< 1	0.37	< 10	1.16
SKS001	< 5	< 0.2	1.1	14	318	< 1	9	4	64	7.07	10	< 10	240	< 0.5	< 2	0.09	10	34	5.70	20	< 1	0.17	< 10	0.53
SKS002	< 5	0.3	1.2	14	206	< 1	8	4	53	6.87	12	< 10	97	< 0.5	< 2	0.05	7	30	5.63	10	< 1	0.08	< 10	0.34
SKS003	< 5	0.2	< 0.5	15	244	< 1	4	3	63	8.85	9	< 10	199	0.6	< 2	0.09	7	26	5.32	10	< 1	0.11	< 10	0.32
SKS004	< 5	< 0.2	1.1	10	149	1	4	6	29	7.17	24	< 10	120	0.7	< 2	0.06	1	33	6.37	20	2	0.17	< 10	0.49
SKS005	< 5	< 0.2	1.0	10	702	2	9	2	83	7.76	10	< 10	150	< 0.5	< 2	0.14	8	31	5.28	10	< 1	0.08	< 10	0.44
SKS006	< 5	< 0.2	1.1	9	225	< 1	5	3	53	6.64	9	< 10	173	< 0.5	< 2	0.09	4	31	5.69	20	2	0.12	< 10	0.39
SKS007	< 5	< 0.2	< 0.5	10	362	1	5	7	68	4.81	19	< 10	205	< 0.5	< 2	0.10	7	48	6.21	10	2	0.18	< 10	0.41
SKS008	< 5	< 0.2	< 0.5	8	182	1	2	6	47	5.67	18	< 10	141	< 0.5	< 2	0.06	3	43	7.41	20	1	0.15	< 10	0.31
SKS009	< 5	< 0.2	1.0	11	1130	1	11	5	100	6.03	9	< 10	151	0.8	< 2	0.09	21	36	5.15	10	1	0.15	11	0.37
SKS010	< 5	< 0.2	1.0	11	1690	< 1	16	6	93	5.64	25	< 10	144	0.6	< 2	0.06	15	47	4.89	10	< 1	0.20	< 10	0.43
SKS011	< 5	< 0.2	1.2	12	622	< 1	8	< 2	64	8.91	5	< 10	193	0.6	< 2	0.14	12	23	5.97	20	< 1	0.09	< 10	0.62
SKS012	< 5	< 0.2	1.1	14	2580	< 1	7	5	66	8.43	10	< 10	192	0.5	3	0.11	7	33	5.39	10	< 1	0.09	< 10	0.39
SKS013	< 5	< 0.2	0.9	8	167	< 1	4	< 2	46	9.38	8	< 10	165	0.6	< 2	0.08	4	25	5.17	10	< 1	0.05	< 10	0.34
SKS014	< 5	< 0.2	1.2	10	1100	< 1	13	< 2	95	4.90	< 2	< 10	138	< 0.5	< 2	0.55	22	51	6.38	10	< 1	0.08	< 10	1.63
SKS015	< 5	< 0.2	< 0.5	4	523	3	11	9	85	4.16	9	< 10	47	< 0.5	< 2	0.23	9	110	11.2	20	< 1	0.04	< 10	0.81
SKS016	< 5	0.2	1.2	52	1050	2	35	17	142	5.67	25	< 10	117	0.8	< 2	0.03	23	64	6.49	10	1	0.17	13	0.87
SKS017	< 5	< 0.2	1.1	35	1750	2	16	16	90	4.66	68	< 10	87	0.9	< 2	0.16	15	30	4.72	< 10	2	0.12	18	0.54
SKS018	< 5	< 0.2	0.8	18	262	4	10	16	89	4.18	62	< 10	84	< 0.5	< 2	0.11	7	29	4.40	20	2	0.10	10	0.52
SKS019	10	0.5	1.2	45	977	< 1	15	17	80	5.94	27	< 10	93	0.9	< 2	0.04	19	43	6.71	10	< 1	0.16	15	0.58
SKS020	10	0.2	< 0.5	69	3000	2	21	42	121	5.23	33	< 10	158	1.3	< 2	0.23	79	46	7.04	10	< 1	0.17	12	0.93
SKS021	< 5	0.2	< 0.5	44	1990	< 1	34	19	142	5.30	24	< 10	161	1.3	< 2	0.27	27	47	5.80	10	2	0.17	15	0.90
SKS022	< 5	< 0.2	1.2	36	603	2	96	14	87	4.91	248	< 10	82	1.1	< 2	0.07	20	152	6.82	10	< 1	0.08	10	0.53
SKS023	< 5	< 0.2	1.1	17	326	< 1	15	4	84	5.18	9	12	438	1.0	< 2	0.09	9	57	5.57	10	2	0.38	16	0.93

**Activation Laboratories Ltd.      Report:    A12-10976**

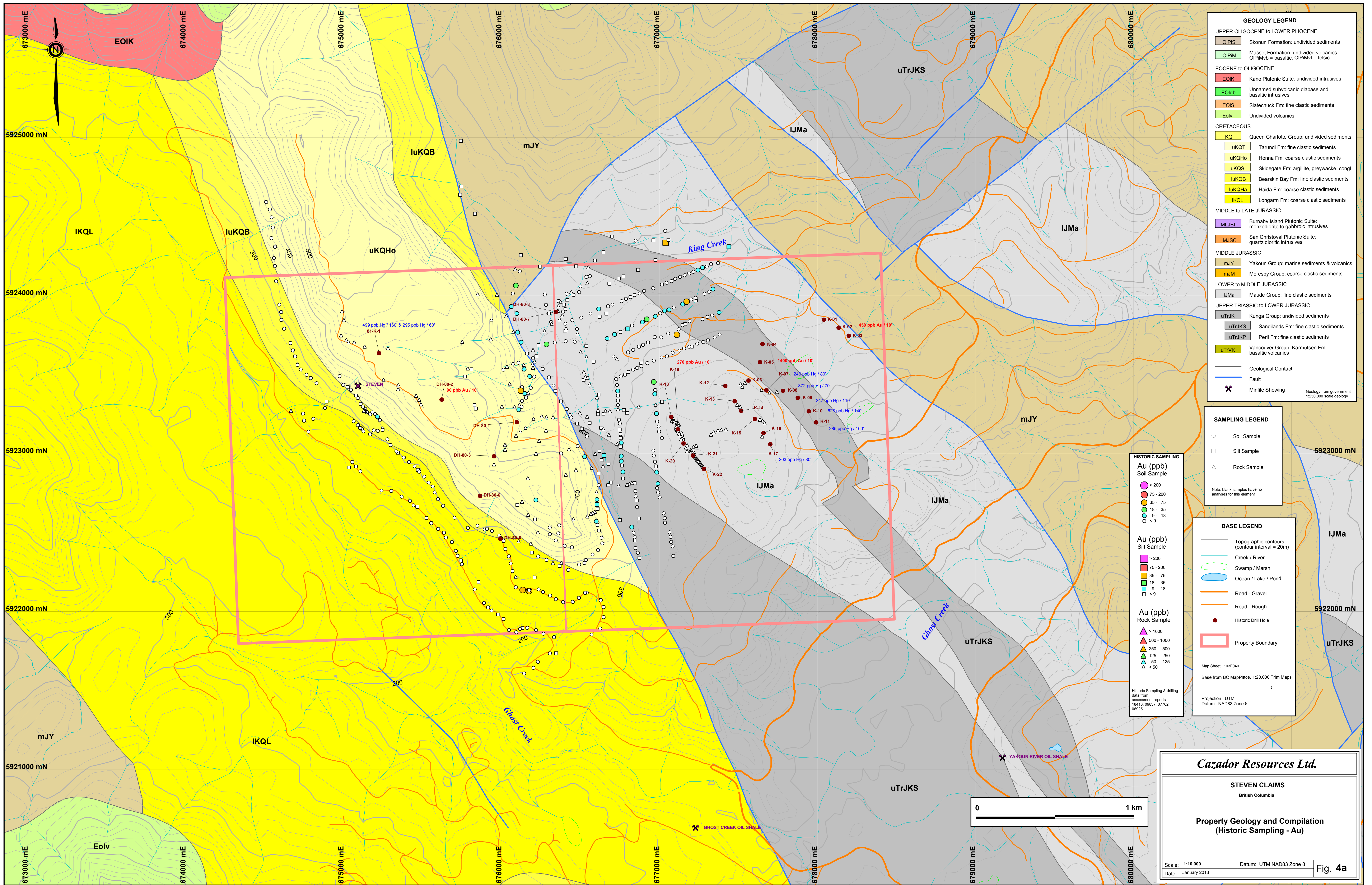
Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1723864	0.185	0.059	0.05	2	7	41	0.11	< 1	< 2	< 10	91	< 10	11	3
1723865	0.020	0.383	4.32	5	4	5	0.02	< 1	< 2	< 10	59	< 10	17	4
1723866	0.385	0.047	3.19	3	9	42	0.26	3	< 2	< 10	103	< 10	10	9
1723867	0.178	0.058	0.06	< 2	6	40	0.02	< 1	< 2	< 10	82	< 10	7	2
1723868	0.177	0.059	0.03	< 2	10	53	0.17	< 1	< 2	< 10	126	< 10	9	7
1723869	0.129	0.053	0.03	< 2	11	89	0.25	1	< 2	< 10	136	< 10	11	8
1723870	0.153	0.059	0.04	< 2	13	116	0.28	< 1	< 2	< 10	152	< 10	9	14
1723871	0.136	0.074	0.04	< 2	12	124	0.07	< 1	< 2	< 10	135	< 10	7	5
1723872	0.172	0.027	0.03	2	12	324	0.08	< 1	< 2	< 10	136	< 10	5	8
1723873	0.173	0.042	0.05	< 2	12	318	0.10	< 1	< 2	< 10	131	< 10	6	10
1723874	0.083	0.057	0.22	2	11	49	< 0.01	< 1	< 2	< 10	97	< 10	8	2
1723875	0.038	0.045	0.03	< 2	14	32	< 0.01	< 1	< 2	< 10	146	< 10	6	3
1723876	0.140	0.043	0.01	< 2	11	189	0.08	< 1	< 2	< 10	129	< 10	6	6
SKS001	0.050	0.039	0.15	< 2	10	86	0.02	< 1	< 2	< 10	139	< 10	4	7
SKS002	0.034	0.045	0.07	< 2	9	25	0.05	< 1	< 2	< 10	113	< 10	6	10
SKS003	0.033	0.041	0.12	< 2	11	91	0.10	3	< 2	< 10	99	< 10	8	16
SKS004	0.030	0.029	0.13	2	10	62	0.07	< 1	< 2	< 10	144	< 10	4	11
SKS005	0.045	0.042	0.09	< 2	11	114	0.15	< 1	< 2	< 10	106	< 10	7	18
SKS006	0.041	0.029	0.06	< 2	11	134	0.16	< 1	< 2	< 10	123	< 10	7	11
SKS007	0.027	0.030	0.04	< 2	10	71	0.03	< 1	< 2	< 10	179	< 10	2	7
SKS008	0.026	0.027	0.05	< 2	10	49	0.19	< 1	< 2	< 10	202	< 10	5	9
SKS009	0.037	0.056	0.07	< 2	11	86	0.07	< 1	< 2	< 10	120	< 10	15	4
SKS010	0.035	0.030	0.04	< 2	12	23	< 0.01	< 1	< 2	< 10	134	< 10	4	6
SKS011	0.058	0.049	0.19	2	14	118	0.06	< 1	3	< 10	142	< 10	5	11
SKS012	0.052	0.040	0.05	2	13	85	0.01	< 1	< 2	< 10	120	< 10	5	12
SKS013	0.041	0.038	0.26	2	11	69	0.20	< 1	< 2	< 10	114	< 10	4	21
SKS014	0.138	0.038	0.03	2	15	149	0.26	1	< 2	< 10	244	< 10	11	5
SKS015	0.033	0.019	0.04	3	8	20	0.67	7	< 2	< 10	416	< 10	6	16
SKS016	0.035	0.049	0.04	2	11	4	< 0.01	< 1	< 2	< 10	118	< 10	8	4
SKS017	0.036	0.086	0.03	< 2	7	11	0.03	< 1	< 2	< 10	82	< 10	21	3
SKS018	0.032	0.034	0.02	3	6	9	< 0.01	< 1	< 2	< 10	122	< 10	3	2
SKS019	0.033	0.054	0.04	4	11	5	< 0.01	< 1	< 2	< 10	134	< 10	13	4
SKS020	0.025	0.086	0.02	3	13	27	< 0.01	< 1	< 2	< 10	129	< 10	16	3
SKS021	0.028	0.090	0.03	< 2	11	19	< 0.01	< 1	< 2	< 10	118	< 10	25	4
SKS022	0.027	0.049	0.04	3	12	5	< 0.01	3	< 2	< 10	124	< 10	10	3
SKS023	0.064	0.016	< 0.01	< 2	14	165	0.01	< 1	3	< 10	103	< 10	13	4





Quality Control														
Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.074	0.041	0.17	82	1	181		15	< 2	27	82	143	23	13
GXR-1 Cert	0.0520	0.0650	0.257	122	1.58	275		13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	0.142	0.119	1.63	3	7	70		< 1	< 2	< 10	83	12	12	10
GXR-4 Cert	0.564	0.120	1.77	4.80	7.70	221		0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.161	0.033	0.01	3	23	38		< 1	< 2	< 10	173	< 10	6	10
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
SAR-M (U.S.G.S.) Meas	0.042	0.065		4	4	33	0.07	2	< 2	< 10	40	< 10	23	
SAR-M (U.S.G.S.) Cert	1.140	0.070		6.00	7.83	151.0	2.7	0.96	2.88	3.57	67.20	9.78	28.00	
CDN-GS-P3C Meas														
CDN-GS-P3C Cert														
CDN-GS-P3C Meas														
CDN-GS-P3C Cert														
CDN-GS-P3C Meas														
CDN-GS-P3C Cert														
CDN-GS-1L Meas														
CDN-GS-1L Cert														
CDN-GS-1L Meas														
CDN-GS-1L Cert														
CDN-GS-1L Meas														
CDN-GS-1L Cert														
CDN-GS-1L Meas														
CDN-GS-1L Cert														
1723865 Orig														
1723865 Dup														
SKS001 Orig	0.051	0.039	0.15	< 2	10	87	0.02	< 1	< 2	< 10	137	< 10	4	7
SKS001 Dup	0.049	0.039	0.15	< 2	10	86	0.03	< 1	< 2	< 10	140	< 10	4	7
SKS004 Orig														
SKS004 Dup														
SKS014 Orig														
SKS014 Dup														
SKS015 Orig	0.033	0.019	0.05	3	8	21	0.65	6	< 2	< 10	413	< 10	6	16
SKS015 Dup	0.033	0.019	0.04	3	8	20	0.68	9	< 2	< 10	418	< 10	6	17
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1





### GEOLOGY LEGEND

**UPPER OLIGOCENE TO LOWER PLIOCENE**

- EOIKS Skonun Formation: undivided sediments
- EOIPM Masset Formation: undivided volcanics  
EOIPMb = basaltic, EOIPMf = felsic

**EOCENE TO OLIGOCENE**

- EOIK Kano Plutonic Suite: undivided intrusives
- EOdb Unnamed subvolcanic diabase and basaltic intrusives
- EOIS Slatechuck Fm: fine clastic sediments
- Eolv Undivided volcanics

**CRETACEOUS**

- KQ Queen Charlotte Group: undivided sediments
  - uKQT Tarundl Fm: fine clastic sediments
  - uKQHo Honna Fm: coarse clastic sediments
  - uKQs Skidegate Fm: argillite, greywacke, congl
  - luKQB Bearskin Bay Fm: fine clastic sediments
  - luKQHa Haida Fm: coarse clastic sediments
  - IKQL Longarm Fm: coarse clastic sediments

**MIDDLE TO LATE JURASSIC**

- MLJBI Burnaby Island Plutonic Suite: monzodiorite to gabbroic intrusives
- MJSC San Christoval Plutonic Suite: quartz dioritic intrusives

**MIDDLE JURASSIC**

- mJY Yakoun Group: marine sediments & volcanics
- mJM Moresby Group: coarse clastic sediments

**LOWER TO MIDDLE JURASSIC**

- IJMa Maude Group: fine clastic sediments

**UPPER TRIASSIC TO LOWER JURASSIC**

- uTrJK Kunga Group: undivided sediments
- uTrJKS Sandilands Fm: fine clastic sediments
- uTrJKP Peril Fm: fine clastic sediments
- uTrVK Vancouver Group: Karmutsen Fm basaltic volcanics

Geological Contact  
Fault  
Minfilie Showing

Geology from government 1:250,000 scale geology

### SAMPLING LEGEND

- Soil Sample
- Silt Sample
- △ Rock Sample

Note: blank samples have no analyses for this element.

### HISTORIC SAMPLING

**Au (ppb) Soil Sample**

- > 200
- 75 - 200
- 35 - 75
- 18 - 35
- 9 - 18
- < 9

**Au (ppb) Silt Sample**

- > 200
- 75 - 200
- 35 - 75
- 18 - 35
- 9 - 18
- < 9

**Au (ppb) Rock Sample**

- > 1000
- 500 - 1000
- 250 - 500
- 125 - 250
- 50 - 125
- < 50

Historic Sampling & drilling data from assessment reports: 18413, 09837, 07762, 06925

### BASE LEGEND

- Topographic contours (contour interval = 20m)
- Creek / River
- Swamp / Marsh
- Ocean / Lake / Pond
- Road - Gravel
- Road - Rough
- Historic Drill Hole
- Property Boundary

Map Sheet: 103F049  
Base from BC MapPlace, 1:20,000 Trim Maps  
Projection: UTM  
Datum: NAD83 Zone 8



**Cazador Resources Ltd.**

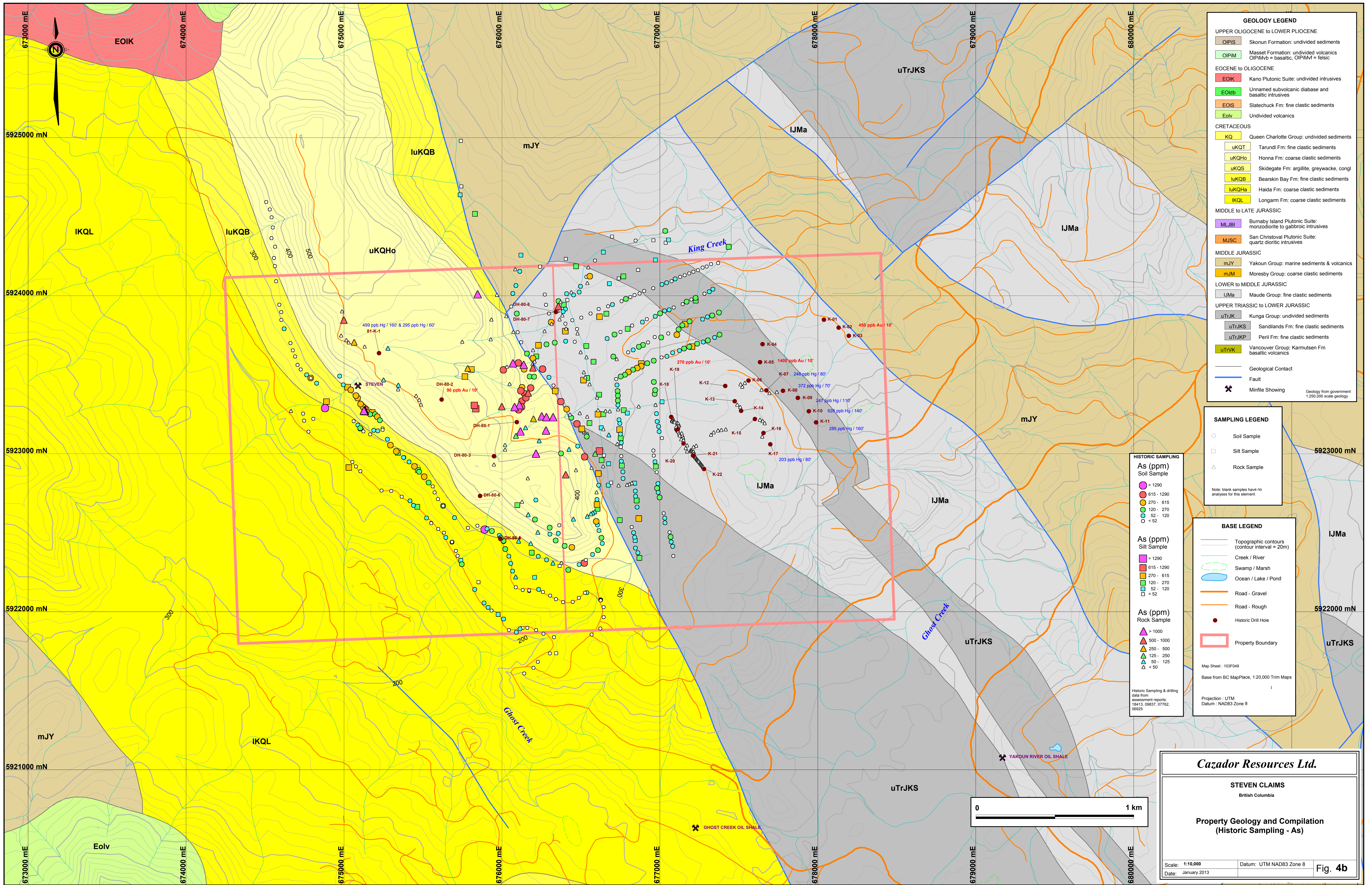
**STEVEN CLAIMS**  
British Columbia

**Property Geology and Compilation**  
(Historic Sampling - Au)

Scale: 1:10,000  
Datum: UTM NAD83 Zone 8  
Date: January 2013

**Fig. 4a**





### GEOLOGY LEGEND

**UPPER OLIGOCENE TO LOWER PLIOCENE**

- EOIK Skonun Formation: undivided intrusives
- OIPIS Skonun Formation: undivided sediments
- OIPM Masset Formation: undivided volcanics  
OIPMvb = basaltic, OIPMfv = felsic

**EOCENE TO OLIGOCENE**

- EOIK Kano Plutonic Suite: undivided intrusives
- EOIdb Unnamed subvolcanic diabase and basaltic intrusives
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**MIDDLE JURASSIC**

- mJY Yakoun Group: marine sediments & volcanics
- mJM Moresby Group: coarse clastic sediments

**LOWER TO MIDDLE JURASSIC**

- IJMa Maude Group: fine clastic sediments

**UPPER TRIASSIC TO LOWER JURASSIC**

- uTrJK Kunga Group: undivided sediments
- uTrJKS Sandilands Fm: fine clastic sediments
- uTrJKP Peril Fm: fine clastic sediments
- uTrVK Vancouver Group: Karmutsen Fm basaltic volcanics

Geological Contact  
Fault  
Minfilie Showing

Geology from government 1:250,000 scale geology

### SAMPLING LEGEND

- Soil Sample
- Silt Sample
- Rock Sample

Note: blank samples have no analyses for this element.

### HISTORIC SAMPLING

**As (ppm) Soil Sample**

- > 1290
- 615 - 1290
- 270 - 615
- 120 - 270
- 52 - 120
- < 52

**As (ppm) Silt Sample**

- > 1290
- 615 - 1290
- 270 - 615
- 120 - 270
- 52 - 120
- < 52

**As (ppm) Rock Sample**

- > 1000
- 500 - 1000
- 250 - 500
- 125 - 250
- 50 - 125
- < 50

Historic Sampling & drilling data from assessment reports: 18413, 09837, 07762, 06925

### BASE LEGEND

- Topographic contours (contour interval = 20m)
- Creek / River
- Swamp / Marsh
- Ocean / Lake / Pond
- Road - Gravel
- Road - Rough
- Historic Drill Hole
- Property Boundary

Map Sheet: 103F049  
Base from BC MapPlace, 1:20,000 Trim Maps  
Projection: UTM  
Datum: NAD83 Zone 8

**Cazador Resources Ltd.**

**STEVEN CLAIMS**  
British Columbia

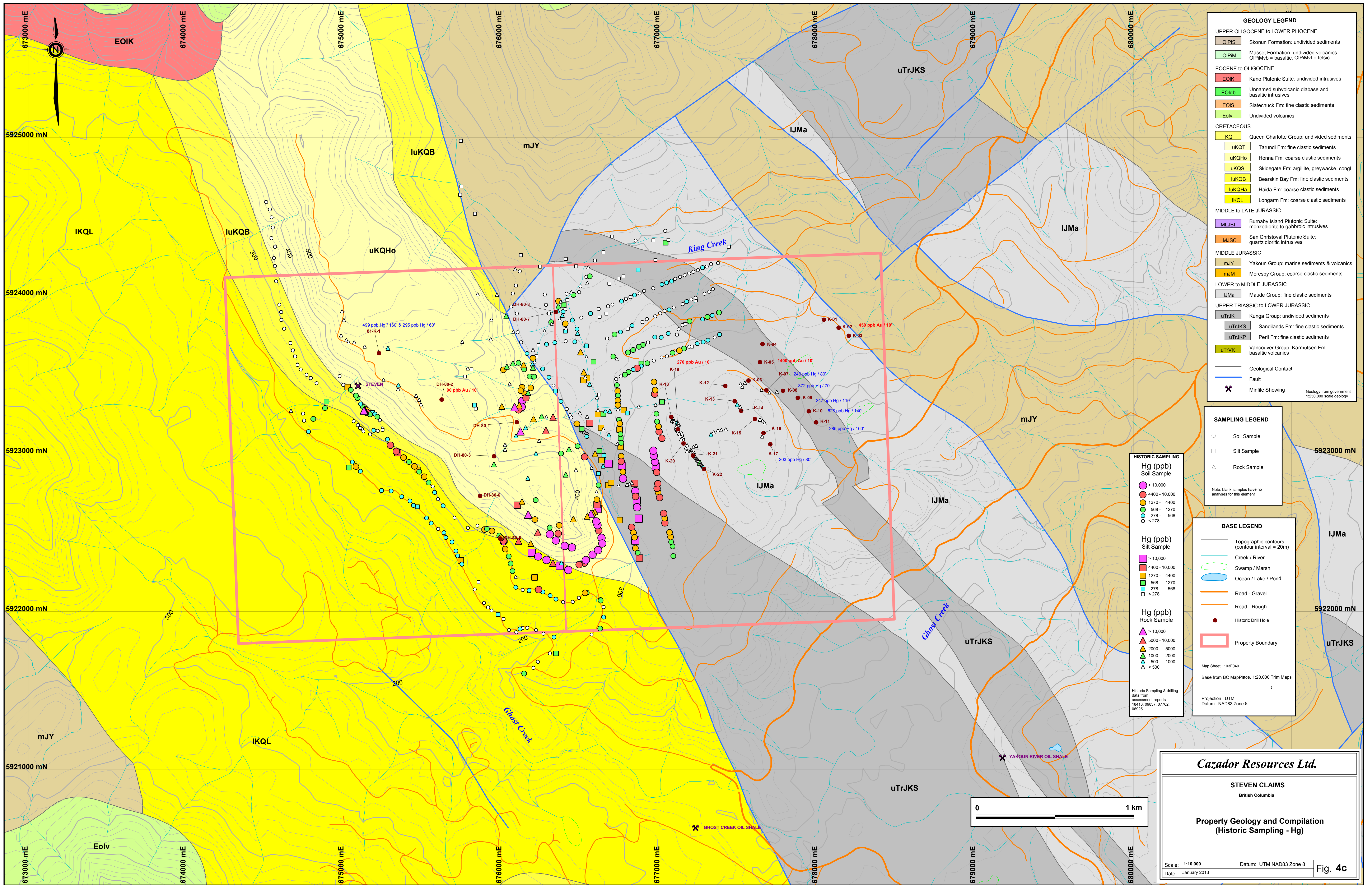
**Property Geology and Compilation**  
(Historic Sampling - As)

Scale: 1:10,000  
Datum: UTM NAD83 Zone 8  
Date: January 2013

Fig. 4b







**GEOLOGY LEGEND**

**UPPER OLIGOCENE TO LOWER PLIOCENE**

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  - uKQHo Honna Fm: coarse clastic sediments
  - uKQs Skidegate Fm: argillite, greywacke, congl
  - luKQB Bearskin Bay Fm: fine clastic sediments
  - luKQHa Haida Fm: coarse clastic sediments
  - IKQL Longarm Fm: coarse clastic sediments

**MIDDLE TO LATE JURASSIC**

- MLJBI Burnaby Island Plutonic Suite: monzodiorite to gabbroic intrusives
- MJSC San Christoval Plutonic Suite: quartz dioritic intrusives

**MIDDLE JURASSIC**

- mJY Yakoun Group: marine sediments & volcanics
- mJM Moresby Group: coarse clastic sediments

**LOWER TO MIDDLE JURASSIC**

- IJMa Maude Group: fine clastic sediments

**UPPER TRIASSIC TO LOWER JURASSIC**

- uTrJK Kunga Group: undivided sediments
- uTrJKS Sandilands Fm: fine clastic sediments
- uTrJKP Peril Fm: fine clastic sediments
- uTrVK Vancouver Group: Karmutsen Fm basaltic volcanics

Geological Contact  
Fault  
Minfilie Showing

Geology from government 1:250,000 scale geology

**SAMPLING LEGEND**

- Soil Sample
- Silt Sample
- Rock Sample

Note: blank samples have no analyses for this element.

**HISTORIC SAMPLING**

**Hg (ppb) Soil Sample**

- > 10,000
- 4400 - 10,000
- 1270 - 4400
- 568 - 1270
- 278 - 568
- < 278

**Hg (ppb) Silt Sample**

- > 10,000
- 4400 - 10,000
- 1270 - 4400
- 568 - 1270
- 278 - 568
- < 278

**Hg (ppb) Rock Sample**

- > 10,000
- 5000 - 10,000
- 2000 - 5000
- 1000 - 2000
- 500 - 1000
- < 500

Historic Sampling & drilling data from assessment reports: 18413, 09837, 07762, 06925

**BASE LEGEND**

- Topographic contours (contour interval = 20m)
- Creek / River
- Swamp / Marsh
- Ocean / Lake / Pond
- Road - Gravel
- Road - Rough
- Historic Drill Hole
- Property Boundary

Map Sheet : 103F049  
Base from BC MapPlace, 1:20,000 Trim Maps  
Projection : UTM  
Datum : NAD83 Zone 8

**Cazador Resources Ltd.**

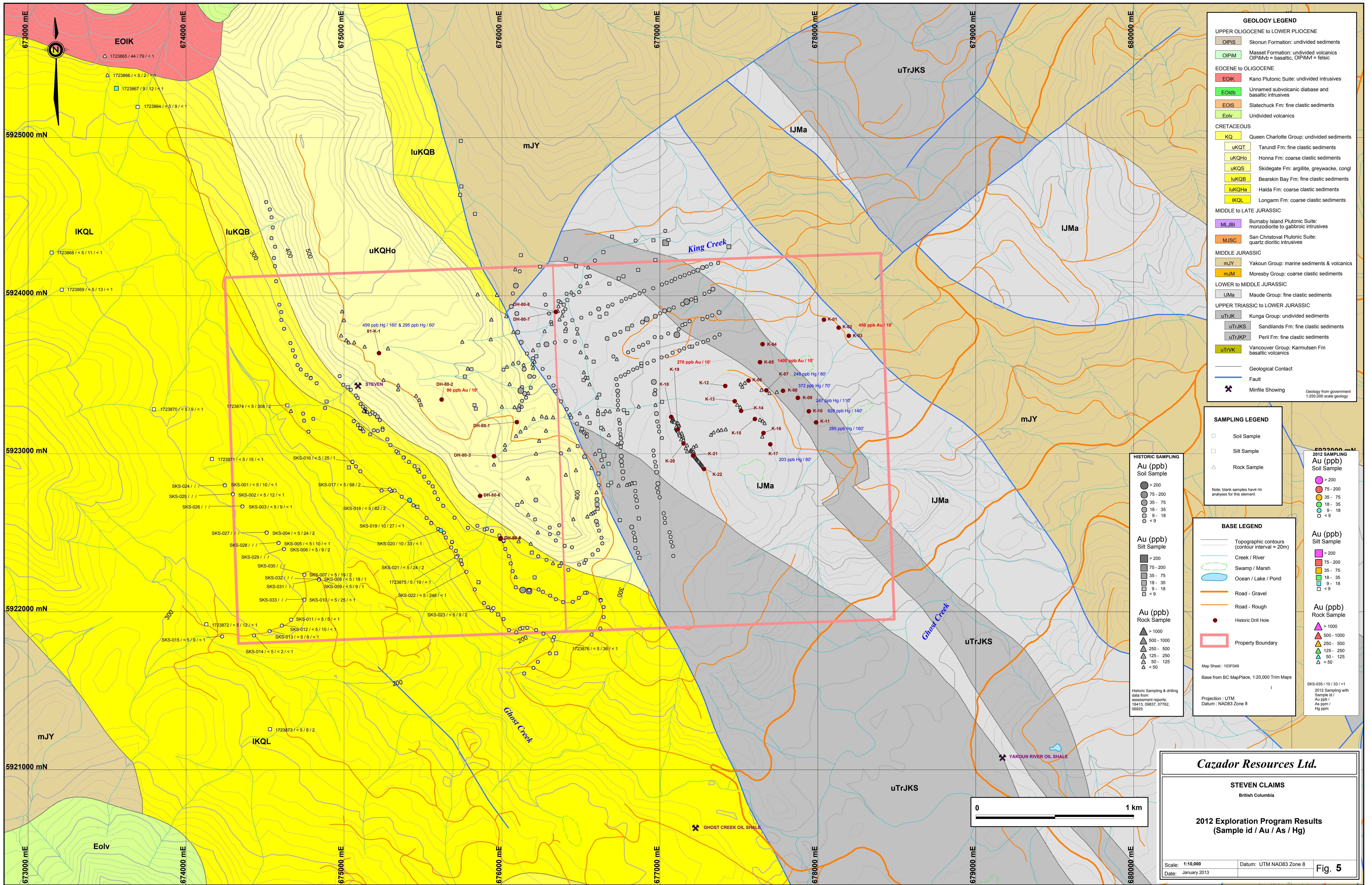
**STEVEN CLAIMS**  
British Columbia

**Property Geology and Compilation**  
(Historic Sampling - Hg)

Scale: 1:10,000  
Datum: UTM NAD83 Zone 8  
Date: January 2013

**Fig. 4c**





### GEOLOGY LEGEND

**UPPER OLIGOCENE TO LOWER Pliocene**

- EOIK: Skonun Formation: undivided sediments
- EOlV: Masset Formation: undivided volcanics  
EOlVmb = basaltic, EOlVMf = felsic

**EOCENE TO OLIGOCENE**

- EOIK: Kano Plutonic Suite: undivided intrusives
- EOlVb: Unnamed subvolcanic diabase and basaltic intrusives
- EOIS: Slatechuck Fm: fine clastic sediments
- EolV: Undivided volcanics

**CRETACEOUS**

- KQ: Queen Charlotte Group: undivided sediments
  - uKQT: Tarundl Fm: fine clastic sediments
  - uKQHo: Honna Fm: coarse clastic sediments
  - uKQS: Skidegate Fm: argillite, greywacke, congl
  - luKQB: Bearskin Bay Fm: fine clastic sediments
  - luKQHa: Haida Fm: coarse clastic sediments
  - IKQL: Longarm Fm: coarse clastic sediments

**MIDDLE TO LATE JURASSIC**

- MLJBI: Burnaby Island Plutonic Suite: monzodiorite to gabbroic intrusives
- MJSC: San Christoval Plutonic Suite: quartz dioritic intrusives

**MIDDLE JURASSIC**

- mJY: Yakoun Group: marine sediments & volcanics
- mJM: Moresby Group: coarse clastic sediments

**LOWER TO MIDDLE JURASSIC**

- IJMa: Maude Group: fine clastic sediments

**UPPER TRIASSIC TO LOWER JURASSIC**

- uTrJK: Kunga Group: undivided sediments
  - uTrJKS: Sandilands Fm: fine clastic sediments
  - uTrJKP: Peril Fm: fine clastic sediments
  - uTrVK: Vancouver Group: Karmutsen Fm basaltic volcanics

Geological Contact  
Fault  
Minfilie Showing

Geology from government 1:250,000 scale geology

### SAMPLING LEGEND

- Soil Sample (circle)
- Silt Sample (square)
- Rock Sample (triangle)

Note: blank samples have no analyses for this element.

### HISTORIC SAMPLING

**Au (ppb) Soil Sample**

- > 200
- 75 - 200
- 35 - 75
- 18 - 35
- 9 - 18
- < 9

**Au (ppb) Silt Sample**

- > 200
- 75 - 200
- 35 - 75
- 18 - 35
- 9 - 18
- < 9

**Au (ppb) Rock Sample**

- > 1000
- 500 - 1000
- 250 - 500
- 125 - 250
- 50 - 125
- < 50

Historic Sampling & drilling data from assessment reports: 18413, 09837, 07762, 06925

### 2012 SAMPLING

**Au (ppb) Soil Sample**

- > 200
- 75 - 200
- 35 - 75
- 18 - 35
- 9 - 18
- < 9

**Au (ppb) Silt Sample**

- > 200
- 75 - 200
- 35 - 75
- 18 - 35
- 9 - 18
- < 9

**Au (ppb) Rock Sample**

- > 1000
- 500 - 1000
- 250 - 500
- 125 - 250
- 50 - 125
- < 50

SKS-035 / 10 / 33 / <1  
2012 Sampling with Au ppb / As ppm / Hg ppm

### BASE LEGEND

- Topographic contours (contour interval = 20m)
- Creek / River
- Swamp / Marsh
- Ocean / Lake / Pond
- Road - Gravel
- Road - Rough
- Historic Drill Hole
- Property Boundary

Map Sheet: 103F049  
Base from BC MapPlace, 1:20,000 Trim Maps  
Projection: UTM  
Datum: NAD83 Zone 8

**Cazador Resources Ltd.**

**STEVEN CLAIMS**  
British Columbia

**2012 Exploration Program Results**  
(Sample id / Au / As / Hg)

Scale: 1:10,000  
Datum: UTM NAD83 Zone 8  
Date: January 2013

**Fig. 5**