

Ministry of Energy, Mines & Petroleum Resources Mining & Minerals Division BC Geological Survey



#### ASSESSMENT REPORT TITLE PAGE AND SUMMARY

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OWNER(S)					
1) Stronglaw Exploration Inc.	2)				
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MAILING ADDRESS					
Suite 860-625 Have St.				 	
Vancouver, BC. VEC2TL					
OPERATOR(S) [who paid for the work]					
1) Strongbow Exploration Inc.	2)				
MAILING ADDRESS					
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PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure	e, alteration, minera	lization, size and	attitude):		
- Quesnei Trough, Takia Group volcanics, N	icola Guon	p volcanizz	Pinch	i Fault	
<u>Calcalkaline</u> intrusions, Cu-Mo-Au pe	phymy styl	e minera	lization		
REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMEN	T REPORT NUMB	ERS			

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping		all claims	\$1000.00
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL			
number of samples analysed for)			1
		580106, 560116, 580127	\$4194-83
Silt 2 0		580106, 580127, 580,116 580125, 580,125,	\$1500\$
in)		580125, 580,125,	590141. \$2.500
Other			
DRILLING			
total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	veconhaissance	all claims	\$7.500.00
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			

BC Geological Survey Assessment Report 30925

#### **2008 REPORT ON EXPLORATION ACTIVITIES**

#### **PROSPECTING & GEOCHEMICAL SAMPLING**

#### **INZA PROPERTY**

#### CLAIMS: 580106, 580116, 580123, 580125-127, 580141, 580143, 580279

Omineca Mining Division Fort St. James Area, British Columbia NTS: 093K/15, 16 Latitude 54°52.1' N Longitude 124°34.5' W UTM Zone 10 (NAD 83): 398626E, 6081554N

#### May, 2009

(BC 2008 ASSESSMENT)

By Justin Jackson, B.Sc. David F. Gale, P.Geo (BC) Felicia Y. Chang, P.Geo (BC)

Strongbow Exploration Inc. 860-625 Howe St. Vancouver, B.C. V6C 1T2

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 Appendix IIIa Inza Property – 2008 Soil Sample Location, Description and Geochemical Results

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(Final Report and figures and maps; PDF document)

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#### SUMMARY

The Quesnel Trough denotes one of Canada's premier copper districts and on a regional scale represents a world-class porphyry metallurgic province. Exploration and development of these monzonitic porphyries has been ongoing since the 1920's and with the maturity of current projects like Terrane Metals' Mt. Milligan, outside of Fort St. James, the exploration potential of underexplored areas within the belt is ever the more prospective.

In early 2008, Geoscience BC released a suite of geochemical and geophysical surveys as part of central British Columbia focused Quest Project. This area was beginning to experience the onset of a fledgling logging industry due to the widespread infestation of the pine beetle. The purpose of this data release was to encourage mining interest in the area which would in turn generate outside revenue for these rural communities.

Strongbow Exploration's 100% owned Inza property was staked based on the presence of anomalous lake sediment samples that returned regional copper highs in the 95<sup>th</sup> percentile range (104.6 ppm, 112.5 ppm and 136.8 ppm). Geochemistry, combined with a magnetic high signature, displayed trends similar to other porphyry deposits in the region, encouraging Strongbow to stake the property.

During a brief field program in the late summer of 2008 Strongbow Exploration established broadly spaced soil lines, silt sampling and prospecting over the Inza claims. The soil program was successful in identifying anomalous soil (highs of 120.5 ppm and 113.2 ppm Cu), silt (58.9 ppm to 87.5 ppm Cu), and rock (0.95% Cu and 0.80 g/t Au) geochemistry, as well as establishing correlations between geochemical highs in Cu and Mo.

The Inza property currently presents Strongbow with an exciting grassroots exploration target with its detailed current and historic geochemistry, geophysics, geology and the high-quality logging road access to claims.

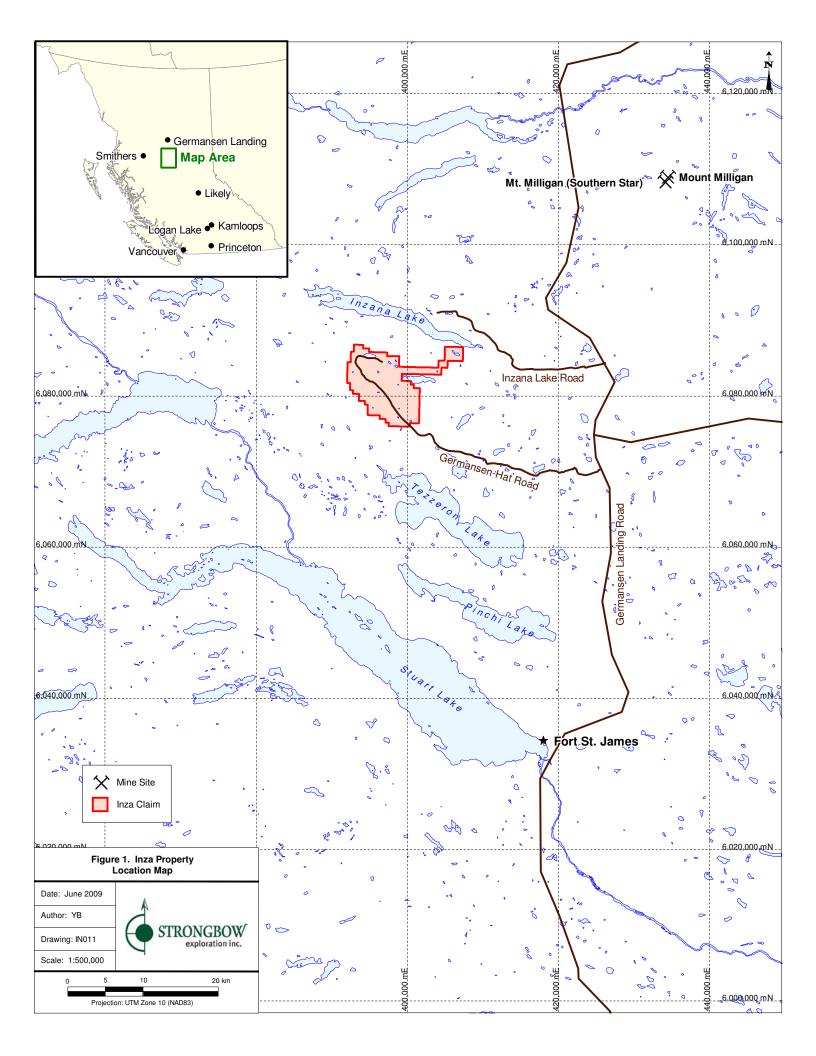
#### **1.0 INTRODUCTION**

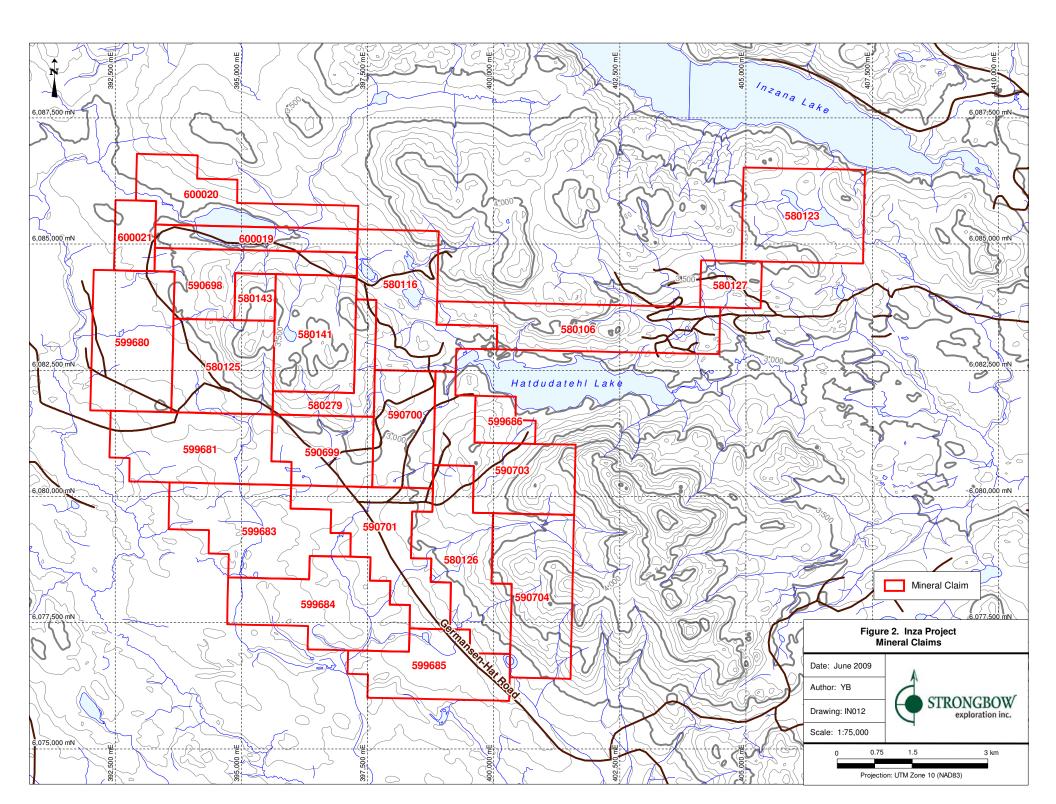
In April 2008, Strongbow staked the original Inza claims following the BCGS's data release of geophysical images and regional lake sediment samples of the Inzana Lake area. This data encouraged Strongbow to proceed with a short seven day grassroots program between August 28<sup>th</sup> and September 3<sup>rd</sup>, 2008. Soil sampling and prospecting was completed on the property, which lead to additional claims being staked by Strongbow on September 2<sup>nd</sup>, 2008. The work carried out on Inza by Strongbow in the late summer of 2008 is described below.

#### 1.1 Location, Access, Physiography and Climate

The Inza property is located approximately 54 km, straight-line distance, north-northwest of Fort St. James in central BC (Figure 1). It occurs within the Omineca Mining Division and consists of twenty-four claims blocks, 100% owned by Strongbow, with an area of 7891.58 ha (Table 1). The property is situated south of Hatdudatehl Lake at latitude 54°52'N and longitude 124°34'W or 398,626E, 6081554N (UTM NAD 83, Zone 10). The region is covered by 1:50,000 scale NTS map sheets 93K/15 & 16 (Figure 2). The property is readily accessible from Fort St. James, approximately 80 km road distance, using the Germansen Landing road. To enter the western portion of Inza follow the Germansen Landing road north and take the western extension of the Germansen-Hat forestry road. To reach the eastern Inza claims continue driving north of the Germansen-Hat road and take the next major road to the west which leads to the Inzana Lake Lodge.

The property is dominantly controlled by rolling hills and low lying swamps of the Nechaka Plateau at the northern edge of the Fraser Basin physiographic region (Schmidt, 2006). The area belongs to the sub-boreal spruce zone and consists of spruce, balsam and pine. Historically, large portions of the claims were harvested in 1993 and again in 2000 with reforestation in 1994 to 1995 and 2001 (Figure 3). Currently the claims present a thick new growth forest of spruce, popular and alder trees with devils club in valleys. The climate in the Fort St. James area presents severe, snowy winters (average temperature approximately  $-12.5^{\circ}$ C) with short warm summers (average temperature  $\sim 15.6^{\circ}$ C) (Stuart-Nechako Region, 2008). Bedrock exposure is weak with extensive till cover in low lying areas. The local glacier movement over the property is believed to be from the west to the east (Schmidt, 2006).





**Figure 3.** Photo: Western Inza vegetation cgover. Left, forest block harvested in 1993. Right, new growth forest.



#### 1.2 Claim Data

The initial claims on the Inza property were staked by Strongbow Exploration in April, 2008. Field work at the end of August 2008 led to the acquisition of additional claims (Inza 5 to 10) in the western portion of the property. A final round of staking (Inza 11 to 19) occurred in February 2009 but because this ground was acquired after the 2008 field program, no work was applied to these claims.

Strongbow has also acquired an additional 1,415 ha through two claim purchase agreements. Under the terms of the first agreement, Strongbow acquired a 100% interest in three mineral claims (claim numbers 580141, 580143 and 580279) by issuing Kelly Funk 125,000 common shares of Strongbow. Under the second agreement Strongbow issued 125,000 common shares to John Bot to acquire ownership of an additional two mineral claims (claim numbers 580125 and 580126). The claim data is summarized below in Table 1 and the expiration date incorporates the 2008 work (i.e. these 5 acquired claims were all staked prior to the August 2008 field program. The claim locations for the properties may be viewed in Figure 2.

Tenure Number	Claim Name	NTS Sheet	Area (Ha)	Expiry Date
580106	INZA 01	093K	465.12	31-Oct-10
580116	INZA 02	093K	465.07	31-Oct-10
580123	INZA 03	093K	446.29	31-Oct-10
580125	TEZZ	093K	372.17	31-Oct-10
580126	CHUIUS	093K	428.35	31-Oct-10
580127	INZA 04	093K	111.61	31-Oct-10
580141	Q MID 93K951274 ZN	093K	372.11	31-Oct-10
580143		093K	74.41	31-Oct-10
580279		093K	167.48	31-Oct-10
590698	INZA 05	093K	297.62	02-Sep-09
590699	INZA 06	093K	260.61	02-Sep-09
590700	INZA 07	093K	279.20	02-Sep-09

**Table 1**. Inza Mineral Claims.

590701	INZA 08	093K	409.70	02-Sep-09
590703	INZA 09	093K	409.55	02-Sep-09
590704	INZA 10	093K	447.03	02-Sep-09
599680	INZA 11	093K	446.56	19-Feb-10
599681	INZA 12	093K	446.76	19-Feb-10
599683	INZA 13	093K	465.54	19-Feb-10
599684	INZA 14	093K	465.69	19-Feb-10
599685	INZA 15	093K	335.39	19-Feb-10
599686	INZA 16	093K	93.06	19-Feb-10
600019	INZA 17	093K	185.98	25-Feb-10
600020	INZA 18	093K	334.71	25-Feb-10
600021	INZA 19	093K	111.59	25-Feb-10
	TOTAL		7891.58	

#### 1.3 History

#### 1.3.1 Inza Regional History

Cu ( $\pm$ Au $\pm$ Mo $\pm$ Ag) porphyry deposits have been actively explored in the Quesnel terrane of British Columbia's Canadian Cordillera dating back to the 1920's with the exploitation of high-grade ores from the Copper Mountain district. Examples include the Cu-Au Alwin deposit which produced 233,076 tonnes of ore grading 1.62% Cu, 11.67g/t Ag & 0.2g/t Au between 1916 and 1981 and the Copper Mountain (Similkameen) Cu deposit that produced 168,000,000 tonnes grading 0.456% Cu, 1.724g/t Ag & 0.127g/t Au between 1925 and 1993 (Goodfellow, 2007). Many phases of porphyry exploration and mine development have followed through the years with exploration expenditures closely mimicking trends in metal price. The most active of such periods took place in the 1960's and 70's with the release of regional airborne magnetic maps by Geological Survey of Canada (Schmidt, 2006). Subsequentially, a staking rush occurred throughout the terrane with a suite of exploration and mining companies performing detailed magnetic, EM and IP surveys, as well as extensive drill programs. Since that time multiple mines and advanced stage prospects have been discovered along the Quesnel belt starting south of Princeton and extending northwest of Germansen Landing. Examples of producing mines include: the Cu-Au Afton deposit west of Kamloops which produced 23,042,889 tonnes grading 0.85% Cu, 3.41 g/t Ag & 0.52 g/t Au between 1977 and 1987, the currently active Cu-Au Mount Polley deposit, southwest of Likely, that produced 27,599,706 tonnes between 1997 and 2001 grading 0.22% Cu & 0.417 g/t Au and Canada's largest producing copper mine, Highland Valley Copper, located west of Logan Lake that has produced 1,059,590,195 tonnes grading 0.357% Cu, 0.006% Mo & 1.26 g/t Ag between 1972 and 2002 (Goodfellow, 2007). The above mentioned producers represent a small proportion of actual mines in the belt but they define the island/continental arc Quesnel terrane to be one of Canada's premier copper districts, as well as a world-class porphyry metallurgic province.

Active regional exploration near Strongbow's Inza property dates back to 1984 when prospector Richard Haslinger and BP Resources Canada Ltd (BP Resources) re-staked the site that is now known as Mt. Milligan (Mills et al., 2008). Mt. Milligan is a near

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surface alkalic copper-gold porphyry deposit located approximately 76 km NNE of Fort St. James and/or 47 km NE from the Inza property (Figure 1). Over the year's, ownership and joint-venture partnerships in the property have changed hands multiple times (Lincoln Resources Inc., Continental Gold Corp., Placer Dome Inc. & Goldcorp Inc.) until Terrane Metals Corp. (Terrane) acquired the property in 2006. As of April 2008, 960 holes have been drilled on the property with a total of 218,700 m in drill core. Terrane has calculated a Proven and Probable reserve of 334 Mt averaging 0.217% Cu and 0.428 g/t Au with production on its open pit mine site expected to commence in 2012 with an estimated mine life of 15.3 years (Mills et al., 2008).

Mt. Milligan is a near surface tabular deposit with two principal zones: the Main Zone and the Southern Star Zone. The dimensions of the deposit are approximately: 2.5 km N-S, 1.5 km E-W and a 400 m thickness. The dominate types of mineralization associated with the deposit are pyrite, chalcopyrite, magnetite, as well as bornite along intrusive-volcanic contacts. The intensity of potassic alteration appears to have a direct correlation to Cu-Au grade with Cu grade steadily decreasing outwards from the monzonitic stock. Pyrite alteration is intense and increases outwards from the stock, it occurs in association with propylitic alteration. In the Main Zone this mineralization and alteration are primarily hosted within the volcanic rocks but in the Southern Star Zone it is equally shared between the volcanics and monzonitic stock (Mills et al., 2008).

# 1.3.2 Inza Local History

The local history of the Inza property dates back to 1989 when Rio Algom Exploration Inc. (Rio) staked five contiguous claim blocks, referred to as the TEZ Group, near a large magnetic high observed in the GSC's magnetic survey. Rio subsequentially conducted airborne magnetic and VLF-EM surveys which identified a number of smaller satellitic intrusive bodies. In 1990 Rio conducted a helicopter supported soil sampling program, 2,191 soil samples were collected with 50 m spacing on 100 m spaced lines, as well as Rio's soil sampling geological mapping at a scale of 1:5,000 over the claims. successfully identified a number of geochemical anomalies; highlights include 1126 ppm Cu, 282 ppm Mo & 1750 ppb Au, and bedrock mapping identified Takla Group andesitic volcaniclastics intruded by monzonite plutons (Cope, 1990). Prospecting in the area of the soil anomalies uncovered volcanic outcrop with 1-5% disseminated pyrite and pyrrhotite with trace chalcopyrite, as well as monzonite outcrop with sparse quartz veins containing trace molybdenum cutting the intrusive (Cope, 1990). This work was highly suggestive of a copper-gold porphyry system similar to Mt. Milligan however, alteration in the vicinity of outcrop was weak and rock samples collected returned weakly anomalous results, highs of 525 ppm Cu & 199 ppb Au. Rio concluded that the soil geochemistry reflected in-situ grades and conducted no further work on the property allowing the claims to lapse. Rio's 1990 assessment report on the TEZ claims may be viewed under the BC Geological Survey Branch (GSBC AR) # 20,575.

In 1995, prospector Don Johnson staked the former TEZ 2 and TEZ 10 (southern portion) claim blocks naming them the SAS #1 mineral claim. In the GSBC Assessment Report, # 24451, Mr. Johnson states he staked the claim based on the presence of sphalerite crystals in a feldspar porphyry breccia talus rock sample (8576 ppm Zn) but does not elaborate

further. Mr. Johnson's program took place between July 10 and 25, 1995 when he collected 18 rock samples from SAS#1 followed by a short reconnaissance program between October 1<sup>st</sup> and 5<sup>th</sup>, 1995 that saw the collection of 15 soils and 10 rocks. The July program identified the highest gold value to date on the property (2490 ppb Au, 4016 ppm Zn & 3289 ppm As) from a carbonate rich grab sample uncovered in a trench dug by an excavator during logging road construction. The soil geochemistry from the October program returned modest metal values that were deemed insignificant and the source of the anomalous gold was never recovered. However, new prospecting returned a rock sample anomalous in lead and zinc (2090 ppm Pb & 1615 ppm Zn). This gossanous andesite grab sample was taken near the contact of Takla andesite with a highly altered and fragmented monzonite intrusive in outcrop (Johnson, 1996). The presence of anomalous zinc and lead supports Johnson's observation of sphalerite and trace galena in the volcanic andesite. No further work was reported on the SAS#1 claim by Johnson and the claim expired in June, 1999.

In 2005, geologist Uwe Schmidt staked a large portion of the old TEZ Group and SAS#1 claims calling it the Carmen Group. A short 3-day prospecting program was carried out in September 2005 with a focus on sampling sulphide bearing volcanic rocks of the Takla Group and following up Don Johnson's anomalous gold value. Prospecting collected 11 rock samples from float that returned weakly anomalous copper values. None of the samples approached metal concentrations of economic interest and Schmidt allowed the claims to expire (Schmidt, 2006).

# 2.0 GEOLOGICAL SETTING

Due to time constraints placed on Strongbow's broad 2008 exploration program, little to no mapping was carried out on the Inza property. Limited outcrop exposures of andesitic tuff and lapilli tuff were noted in the western Inza claims but are best described from Rio Algom's 1990 mapping program (Cope, 1990). As such, the regional and local geology of the Inza claims is a summary from Rio's 1990 TEZ assessment report (Cope, 1990); unfortunately the TEZ geology map is unavailable. The regional geology of the area is presented in Figure 3.

# 2.1 Regional Geology

The Inza property lies within the early Mesozoic Quesnel Trough, which includes rocks of the Upper Triassic to Lower Jurassic Takla, Nicola and Stuhini Groups. To the west, deformed uplifted Permian Cache Creek Complex rocks are separated from the Quesnel Trough by the Pinchi Fault zone (Figure 4). To the east, the Manson fault zone separates this belt from the uplifted Proterozoic/Early Paleozoic Wolverine metamorphic complex and the Mississippian-Permian Slide Mountain Group. The Quesnel Trough is formed through extensive island-arc volcanic and sedimentary deposition from late Triassic to early Jurassic time. The base of the Quesnel Trough is an Upper Triassic black argillite unit exposed near the eastern margin where it commonly overlies ophiolitic rocks of the Slide Mountain Group. The basal argillite is overlain by a series of augite porphyritic flows, breccias and minor argillites, which are in turn overlain by a second sequence of argillites and volcaniclastic rocks of Upper Triassic to Lower Jurassic age. Subaerial volcaniclastics in the geologic record indicate that volcanic centres in the trough emerged in early Jurassic time. This volcanism is postulated to be concurrent with the rise and deformation of Omineca Crystalline Belt rocks to the east, which have been regionally metamorphosed to greenschist grade. Block faulting and tilting are the dominant structural styles in the belt. Faults trend in a northwest and northeast direction. Folding is restricted to the eastern margin of the belt near its structural boundary with the Omineca Crystalline Belt.

Figure 4. Photo: View of the Pinchi Fault looking to the west from a hill on western Inza.



Two major episodes of granitic intrusions, occurring approximately 100 Ma and 200 Ma, are recognized along a northwest trending belt slightly oblique to the Quesnel trough. The younger intrusions are of predominantly calcalkaline composition whereas the older intrusions have both calcalkaline and alkaline affinities. Porphyry-style mineralization is associated with both intrusive events, although with different geochemical characteristics. The younger calcalkaline intrusions are more enriched in molybdenum than copper (e.g. Boss Mountain), the older calcalkaline intrusions are typically copper-rich with significant gold and negligible molybdenum concentrations (e.g. Copper Mountain). The latter example of alkaline gold-rich copper porphyries, are also sometimes referred to as gold porphyries (e.g. Mount Milligan).

## 2.2 Inza Property Geology, Alteration and Mineralization

The property geology is represented by andesite tuffs and minor flows of the Upper Triassic Takla Group. Tuffaceous units range from thinly bedded fine muddy tuffs through massive fine-grained lithic tuffs to cherty lapilli tuffs. Sparse bedding plane measurements indicate these units strike north-south with moderately steep dips to the east. The presence of muddy tuff fragments in the overlying lapilli tuffs suggests that tops are up.

Minor augite porphyritic flows are present on the eastern portion of the property, apparently capping the tuffaceous package. The volcanic rocks are grey, medium-grained and intruded by numerous lobate plutons of pale hypidiomorphic, granular monzonite. Thin section examination of the monzonite indicate rare phenocrysts of adularia (<1cm), which may reflect potassic alteration.

A north-south trending, steeply dipping, through-going fault bisects the property and is reflected by a linear topographic low. Schistosity in the wallrocks is only weakly developed suggesting minimal movement along the fault.

Alteration is only apparent in volcanic rocks and represented by pervasive chlorite formed as a result of regional greenschist metamorphism. Patchy biotite, albite and actinolite alteration are present over small areas and are thought to be related to the monzonitic intrusions. Mineralization is largely restricted to the volcanic rocks and consists of 1-5% finely disseminated pyrite and pyrrhotite with trace chalcopyrite locally. Sparse quartz veins cutting the monzonite contain traces of molybdenite. Magnetite is finely disseminated throughout the monzonite and is locally present in the volcanic rocks.

## 3.0 GEOPHYSICS

No geophysical surveys have been conducted on the Inza property by Strongbow during the 2008 field season. However, public data released by Geoscience BC comprising two surveys that include total field magnetics (Map 1), first vertical derivative (Map 2), electromagnetics, and gravity data led to Strongbow's staking of the Inza claims. Historically, Rio Algom flew a VLF-EM survey over the adjacent TEZ claims in 1989 but this data is unavailable.

The total field magnetic image displays a number of oval shaped magnetic highs along an overall northwest trend. These anomalies are interpreted to be intrusive bodies. The Pinchi Fault, located approximately 14 km to the west of the Inza Property, is clearly distinguished in Map 1 by a large northwest trending magnetic high. The Inza claims were staked to cover two large magnetic high signatures suggestive of a porphyry deposit with associated soil geochemistry. The first vertical derivative image displays a strong magnetic high in the same area and outlines a number of moderate highs in eastern Inza, around the 104.6 ppm Cu lake sediment assay, that were not obvious on the total field magnetic image (Map 2).

#### 4.0 GEOCHEMISTRY

#### 4.1 Introduction

In total, 33 soil, 21 silt, and 10 rock samples were collected on the Inza property between August 28<sup>th</sup> and September 3<sup>rd</sup>, 2008. Map 3 is an exhibit of all 2008 and historic soil, silt and rock samples collected from the Inza property. Maps 4 to 6 thematically display significant copper, molybdenum and gold values based on Strongbow's regional percentile breakdown of these elements. Following, Section 4.2 will describe the sampling and assay procedures; Section 4.3 discusses the quality assurance/quality control procedures adopted for the 2008 field program.

#### 4.2 Sampling and Assay Procedures

Soil sample grids are chained in using a hip chain and compass. Corrections for topography during grid sampling are only applied where changes in the topography are extreme. Sample locations were recorded using a hand held GPS unit where tree cover and vegetation permitted. Where GPS coverage is insufficient, sample locations are approximated based on previous GPS points taken and hip chain and compass measurements. Soil samples are collected with a shovel and sample tags, comprising of orange flagging tape marked with the last 4 digits of the UTM easting and 5 digits of the UTM northing for regional grid samples. In most cases, the B-horizon was sampled, with a small proportion of samples taken from the B/C or C-horizons. Individual sample weight is typically about 0.5 kg and stored in brown kraft bags.

Each rock (prospecting) sample location is marked with a representative sample, wrapped with orange flagging tape that contains the assigned sample number. Individual float and rock samples weigh no more than 5 kg. Rock samples were collected such that the specimens had little to no weathered surface or lichen and represented the overall characteristics of mineralization from that location. In places where rock material is rare or difficult to liberate, chip samples are taken to represent the zone of interest.

Acme Analytical Laboratories of Vancouver, BC, was contracted to conduct sample preparation and analysis of all samples collected during the program. All samples were submitted for a 36-element ICP-MS aqua regia analysis (Acme: 1DX). For rock samples that returned greater than 100 ppb gold, the pulp was reanalyzed using the Au fire assay with ES (Acme: 3B). A detailed explanation of analytical techniques and procedures has been compiled in Appendix I. The certificates for the standards used for the Quality control procedures are also included in Appendix I. Lab certificates showing complete results for geochemical analyses for soil and silt samples are included in Appendix II.

## 4.3 Quality Control Measures

Quality assurance/quality control (QA/QC) for the 2008 field program comprisedinserting blanks and standards into the rock sample stream sent to Acme AnalyticalLaboratories in Vancouver, BC. One blank sample was inserted to monitor for potential2008 Assessment Report12May 2009STRONGBOW EXPLORATION INC.Inza Property

contamination during analysis and one standard material (OREAS 61Pb) was inserted to measure the precision and accuracy of Acme's analysis.

# 5.0 2008 EXPLORATION PROGRAM

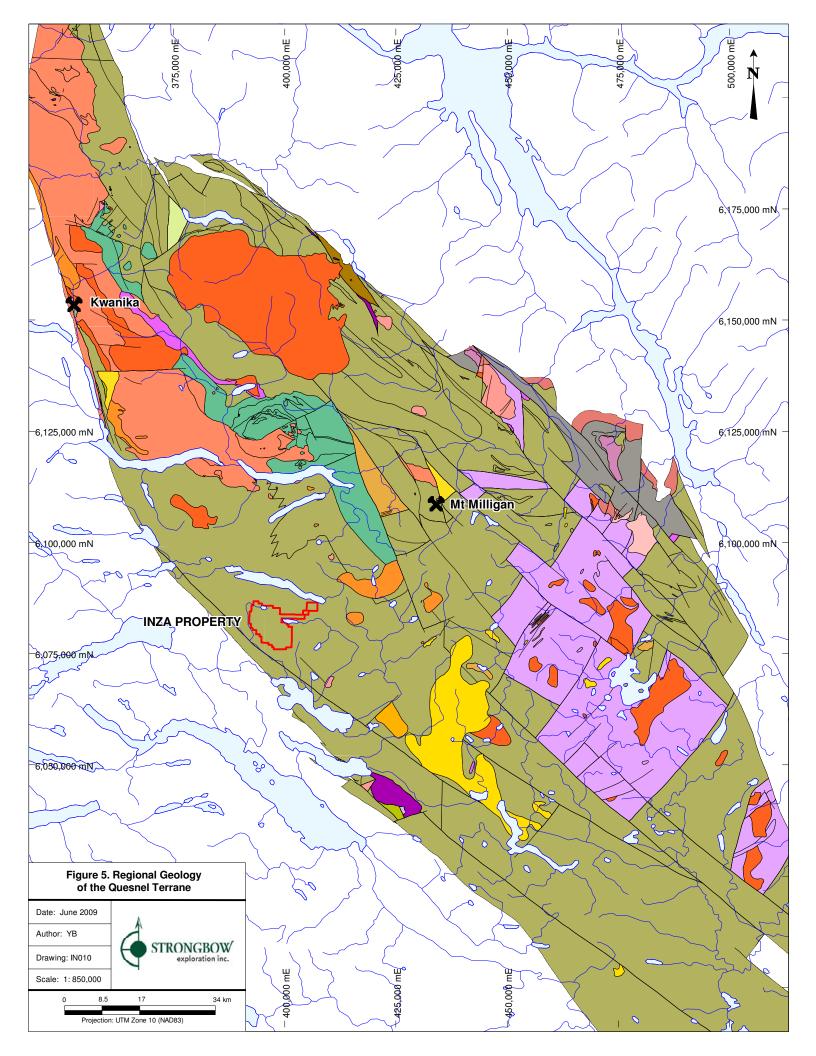
#### 5.1 Introduction

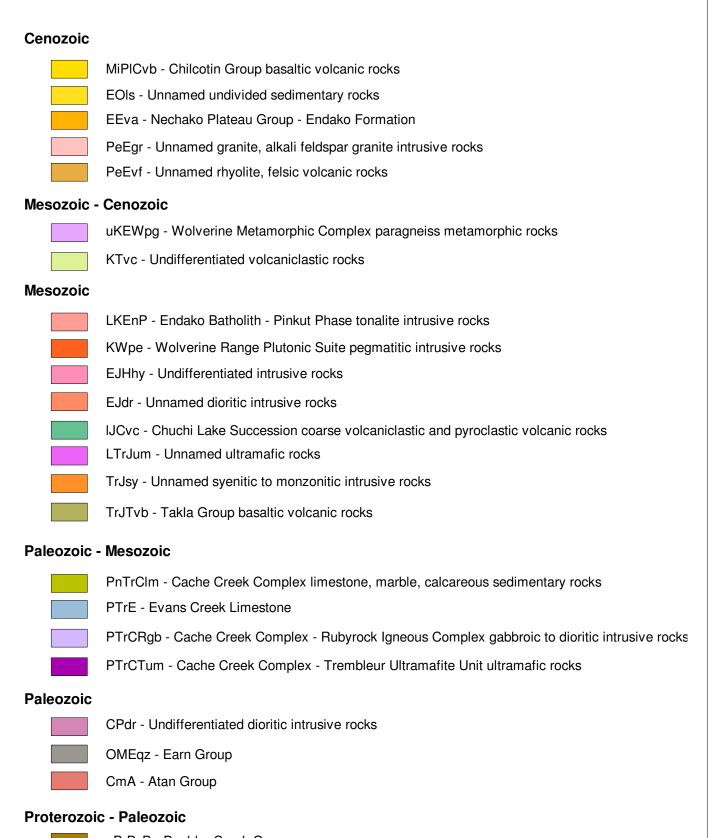
On April 1<sup>st</sup>, 2008 Strongbow Exploration staked the original Inza claims following the release of regional lake sediment data in this region by Geoscience BC. A percentile breakdown of the regional copper values revealed that 3 samples in the vicinity of Inza fell within the 95<sup>th</sup> percentile range. Anomalous geochemistry combined with a large magnetic high signature, from Geoscience BC's total field magnetic data, and Takla Group geology encouraged Strongbow to stake the ground as it was highly suggestive of a copper porphyry signature.

Between August 28<sup>th</sup> and September 3<sup>rd</sup>, 2008 Strongbow embarked on a seven day grassroots exploration program over the Inza claims. The program concentrated on prospecting, silt and soil sampling with a focus on the western claims including the historic TEZ prospect, which led to the discovery of the Mustardo showing. Prospecting was focused along logging roads and skidder trails where bedrock maybe exposed. Limited work was carried out on the eastern portion of Strongbow's claims. Broad soil lines were orientated approximately northeast-southwest to perpendicularly intersect any porphyries that may have a northwest trend, as observed in regionally (Figure 5).

## 5.2 Mustardo Showing

Prospecting was focused on the northwestern area of the claims where copper-in-soil anomalies were previously outlined by Rio's 1990 sampling. This work led to the discovery of a new showing, herein referred to as the Mustardo showing, near the southwest extent of the historical soil anomaly. The showing is exposed on a hillside just off the main Germansen-Hat logging road, which was logged in 2000. Evidence of previous soil sampling and prospecting (~ 2005) was observed in the immediate area of this showing. Rock samples comprise mainly pyritized andesite and/or weakly mineralized porphyry.





uPrPzB - Boulder Creek Group

**Figure 6**. Photo: Exposure west of the Mustardo Showing. Left: Mustardo hill from the main road showing clearcut and skidder trails. Right: Weakly mineralized porphyry traversing western flank of hill (in tree line), generally <1% disseminated pyrite.



Prospecting by Strongbow geologists focused on the western part of the hill. Little to no porphyry is observed at the base of the hill; however biotite-feldspar rich porphyry with generally less than 1% disseminated pyrite is encountered halfway up the flank. Pyritized andesite tuff is located near the top of hill on western flank, with the hilltop marked by a distinct hematitic gossanous alteration halo (Figure 7).

**Figure 7**. Photo: Exposure around the Mustardo Showing. Left, pyritized andesite tuff "cap rock" near top of hill. Right, Mustardo Showing along road cut of skidder trail, rough dimensions  $\sim$ 3-4 m x 10 m. Contains both porphyry and associated andesite cap rock.



Four samples comprising pyritized and esite tuff and quartz stockwork ( $\sim$ 5%) porphyry with visible molybdenum ( $\sim$ 1%) and rare chalcopyrite were collected at the outcrop exposed at the top of the hill (Figure 8). Results of the sampling are summarized below and represent the highest copper, molybdenum and gold values in rocks on this area of the property.

2008 Assessment Report May 2009

Sample	Description	Cu ppm	Mo ppm	Au ppb
78289	Siliceous section of biotite feldspar porphry outcrop on road cut.	136.8	710.6	Nil
78290	Sulphide stockwork veinlets in 10x20 cm segment of porphyritic outcrop. ~.3m north of previous sample (78289) in same outcrop.	9457	33.7	798.2
43484	Strongly gossan altered felsic porphyry along road cut, in outcrop. Sample represents more abundant qtz stringers within porphyry with stronger molybdenum mineralization.	148.8	346.5	Nil
43485	Similar to 43484; with trace malachite within stringer veins in porphyry. ~5% of rock composed of 3-4 mm qtz stringer veins.	386.8	81.6	42.4

Table 2.	Highlights of 2008 Pro	specting Rock Samples.
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**Figure 8.** Photo: Mineralization at the Mustardo Showing. Left, porphyry with molybdenum bearing quartz stockwork veins, 346 ppm Mo (#43484). Right, sulphide stockwork veins in pyritized porphyry/andesite tuff, 0.95% Cu (#78290).



#### 5.3 Western Inza

Four days were spent on the eastern Inza claims with two days focusing on Strongbow's western block (claim #580116), which returned a 112.5 ppm Cu lake sediment value (Geoscience BC, 2008), and two days broadly investigating the new claims acquired on September 2<sup>nd</sup>. Logging road access to the western blocks is via the Germansen-Hat road, approximately 30-40 minutes drive west of the main Germansen road. The Germansen-Hat road is in excellent condition and provides access to the western edge of the claims. Northeast trending road splays from this main road are generally bermed and overgrown, prohibiting access by vehicle.

A northeast-oriented soil line consisting of 15 samples at 100 m spacing was placed in the central portion of the claim block (claim #580116, Map 3) as a follow up to the anomalous lake sediment sample (112.5 ppm Cu). Copper values from this soil line

returned two sample within the 70<sup>th</sup> percentile (54.1 and 54.2 ppm Cu), with the remaining samples between 10.6 and 46.7 ppm Cu (Map 4). Gold, molybdenum (Maps 5 and 6) and arsenic have spotty weakly anomalous values (90<sup>th</sup> percentile) and highlights include 126.1 ppm As and 3.5 ppm Mo.

Sixteen silt samples were collected in the western Inza claims following acquisition of additional claims on September 2<sup>nd</sup>, 2008. Silt sampling targeted all major tributaries draining from the topographic high areas corresponding to historic soil anomalies (Cope, 1990). Sampling returned moderate copper values (50.7 to 70.1 ppm) with coincident moderate gold and molybdenum values in the 90<sup>th</sup> and greater percentile range. These samples are collected from a major drainage tributary that feeds the anomalous Hatdudatehl Lake (Map 4).

Prospecting traverses were completed along and away from old logging roads, skidder trails and valleys at the base of hills covered by the historic TEZ soil anomalies. Rare pieces of alkalic porphyry float were found in till at the base of the TEZ Anomaly I on Strongbow's northwest claim (Map 4), just east of the Mustardo Showing. This porphyry contained 1 to 3% biotite, <0.5 mm, and 1 to 2% disseminated pyrite, but was not sampled due to weak mineralization. Generally, the valleys in this region contain thick covers of glacial till, up to 5 m locally, with rare exposures of Takla Group andesitic flows and volcaniclastic rocks. No porphyry outcrop was identified on the western Inza claims; however; bedrock exposure on topographic highs around the historic soil anomaly warrant further investigation and geological mapping.

One day was spent prospecting Rio Algom's soil Anomaly III in southwest Inza (Map 4). Abundant outcrop of a massive, fresh, medium-grained granodiorite was encountered while walking along an old logging road leading to the anomaly. The granodiorite occurrence appears to coincide with a large magnetic high feature and the presence of magnetite explains its magnetic signature. No mineralization was observed in either the granodiorite or the weakly carbonate altered andesite flow discovered in the hill adjacent to Anomaly III. The source of Rio's soil anomaly remains unexplained. Rio's Anomaly II (Cu, As, Pb) was not prospected by Strongbow due to time restrictions (Map 4).

**Figure 9.** Photo: Granodiorite outcrop producing magnetic high. Strongly magnetic granodiorite outcrop on logging road leading to Anomaly III. Possible source of large magnetic high in total field magnetics image.



#### 5.4 Eastern Inza

One day was spent on the eastern Inza claims by Strongbow with a focus on working along old logging roads. The main east-west logging road provides good access to the eastern portion of the claims. Generally, the north and south extensions of this road are inaccessible by truck due to both berming of roads and new growth forest. This new growth forest is densely packed and greatly impedes the area's coverage of traverses branching from the main road.

A northeast-oriented soil line consisting of 18 samples at 100 m spacing was placed adjacent to the Geoscience BC's 2008 lake sediment sample that returned a copper value of 136.8 ppm (>97.5<sup>th</sup> percentile). Geochemical results from this soil line returned copper values between 17.8 and 120.5 ppm, with 8 of 18 samples returning values exceeding the 70<sup>th</sup> percentile (>48 ppm Cu). Molybdenum and gold values did not return significant values, although weakly anomalous gold and molybdenum are found to be coincident with anomalous copper. Three silt samples were collected from the major streams transecting the eastern claims and they returned greater than 90<sup>th</sup> percentile (47.72 ppm) copper values.

Prospecting focused on the area to the northwest of the 136.8 ppm Cu lake sediment sample, towards the direction of the drainage source for this lake (Map 4). However, dense bush coverage and time constraints did not permit for thorough prospecting of the area. No known outcrop exposure was encountered in the eastern portion of the Inza claims. Till coverage south of the main road appears to be locally up to 5 to 6 m thick, as observed along road cuts. The anomalous lake sediment sample remains unexplained.

# 6.0 INTERPRETATION AND CONCLUSIONS

Strongbow's short 2008 exploration program successfully identified anomalous copper (120.5 ppm and 113.2 ppm), gold and molybdenum in soil on the Inza claims. Although the soil values were lower than those obtained by Rio on the TEZ claims (1126 ppm Cu), they highlight the claims as an area that is locally anomalous on the regional scale.

Silt sampling appears to be an effective geochemical method in this area. The claims presented moderate stream drainage and as expected, sampling of the many streams running off the TEZ claims highlighted the geochemical anomaly observed in the soil and lake sediment samples. The streams generally returned copper values above the 90<sup>th</sup> percentile, particularly on the central and eastern part of the property.

Prospecting in topographic lows on the Inza property presents extensive till coverage locally with limited outcrop exposure. Any future prospecting should focus on topographic highs, where outcrop exposure improves, uphill or adjacent to anomalous lake sediment and soil samples. As an interesting side note, the main phase of prospecting by Rio Algom on the TEZ Anomaly I took place in 1990 and was helicopter-supported. This work was conducted prior to the construction of the Germansen-Hat forestry road for forestry harvesting in 2000. This historic exploration program also took place at a time when base metal prices were at an all-time low. Thus, the distinct possibility exists that Rio may have overlooked some prospective areas during their program due to limitations associated with helicopter-only access, or that prospective rock may have been exposed during excavation of logging roads during forestry activities. The extent of soil anomaly follow-up by Rio is unknown at this time as it is briefly described in the 1990 assessment report and in many cases appears to have taken place in tandem with the soil sampling program.

The Inza property denotes an exciting grassroots exploration target. The combination of historical work, anomalous and coincident Cu-Mo-Au soil geochemistry, prospective Takla Group volcanics and associated granodiorite and monzonitic intrusives, as well as dominantly northwest-southeast trending geophysical anomalies, highlight the potential of this area for porphyry-style mineralization. The discovery of the Mustardo showing further indicates this area's potential for various types of porphyry mineralization with both copper and molybdenum-enriched samples, as well as anomalous gold. With excellent road access, nearby lodging in Fort St. James, and mining infrastructure developing at Mt. Milligan, Inza represents a project that may be developed at low cost to the operator.

# 7.0 RECOMMENDATIONS

A three phase program is recommended for further work on the Inza Property. Phase 1 evaluation should consist of a short two week exploration program. Rio Algom's three soil anomalies must be evaluated and detailed ground truthing should be carried out to evaluate the potential for significant mineralization in rock. No further soil sampling is recommended for western Inza until the results of ground truthing are attained. Broad soil grids covering the claims in eastern Inza may be established, using 100 m spaced lines, to follow up the anomalous geochemistry and cover the magnetic high observed in the first vertical derivative image. Prospecting should be carried out concurrently with the soil sampling to identify bedrock explanations for the geophysical and geochemical anomalies.

If Phase 1 returns favourable results and mineralization is observed in outcrop in either the east or west Inza areas, continued exploration as Phase II should include mechanical trenching to expose continuous sections of mineralized Takla volcanic rocks or porphyry. This phase should also include deep penetrating ground Induced Polarization (IP) geophysics in order to identify conductive or resistive areas.

If the IP survey defines a significant geophysical anomaly Phase 3 should include diamond drilling to fully test the potential of the Inza claims and evaluate the extent of the geochemical and geophysical anomalies.

Future exploration at Inza may easily use the pre-existing forestry roads to gain access to the claims however; it is highly recommended that ATV's be acquired to access roads inaccessible by truck due to berming.

A summary of conclusions are outlined below:

Phase 1:

- Evaluate Rio's soil grid and conduct ground truthing of anomalies
- Establish broad soil grid in eastern Inza to cover both geophysical and geochemical anomalies

Phase 2:

• Mechanical trenching accompanied by Induced Potential geophysics.

Phase 3:

• Diamond drilling of geochemical and geophysical targets

#### 8.0 STATEMENT OF COSTS

# Strongbow Exploration Inc. Summary of Inza Expenditures Fieldwork commenced on August 19 and ended on August 24, 2008 Office work started on October 2008 and was ongoing to March 2009

Salaries and Benefits Strongbow Employees - Salary	Man Davs	Time Period (reflects field and office time)	Pate	per day	Total (	`oet	Comments	
	Mail Days		Kale	per uay	Total C	2051	Man Days are totalled for each person and occur mostly with	nin fieldwork period.
Full Time								
Dave Gale	1	August (100% office)	\$	700.00			VP Exploration; project supervision	
Justin Jackson	9	April, July (25% office), August (75% field)	\$	300.00	\$	2,700.00	Project Geologist, project planning, prospecting	
Contract								
Kimberly Schimdt	7	August (100% field)	\$	290.00	\$	2,030.00	Senior Contract Geologist, prospecting and sampling	
Alana Haysom	7	August (100% field)	\$	250.00	\$	1,750.00	Contract Geologist, prospecting and sampling	
Cam Mackay-Stotesbury	7	August (100% field)	\$	215.00	\$	1,505.00	Junior Contract Geologist, prospecting and sampling	
Consulting Personnel								
Don Coolidge	7	August (field)	\$	384.44	\$	2,691.11	Prospecting (5 days), Travel (1 day)	
					Total		\$	11,376.1
Geochemical Analysis								
ACME Labs					\$	1,412.36	10 rock, 33 soil, and 20 silt samples.	
					Total		\$	1,412.3
Accomodation, Travel, Food, and	Field Supplies						Accomodation (New Caledonia Motel); Food (groceries and	restaurants), Field supplies
	••				\$	1,805.67	(Canadian Tire and Napa), Fuel for truck	
					\$	500.23	Transportation Rental for 7 days: Enterprise-Rent-A-Car (on maintenance, and insurance.	e truck at \$1600/month), truck
					\$	266.09	Travel - air ticket (Alana Haysom)	
					Total		\$	2,571.9
Communication					\$	334.38	Communications (radio and sat phones)	
					Total	001.00	\$	334.3
Documentation and Report Writin	g				Total		\$	1,000.00
GRAND TOTAL							\$	16,694.83

# 9.0 STATEMENT OF QUALIFICATIONS

I, Justin Jackson, of Strongbow Exploration Ltd, located 860-625 Howe Street, Vancouver, BC, V6C 2T6, do certify that:

- 1. I have been conferred with the academic degrees of Bachelor of Science (Dalhousie University, 2007).
- 2. I have been engaged as a geoscientist with Strongbow Exploration since May 2007.
- 3. I am currently employed with Strongbow Exploration Inc. of 860-625 Howe St., Vancouver BC, V6C 2T6.

Dated at Vancouver, British Columbia, this 31<sup>st</sup> day of May, 2009.

Justin Jackson, B.Sc.

I, David F. Gale, of 860-625 Howe Street, Vancouver, BC, V6C 2T6, do certify that:

- I have been conferred with the academic degrees of Honours Bachelor of Science Geology (Memorial University, 1994) and Master of Science – Geology (Queen's University, 1997).
- 2. I have been engaged as an exploration geologist throughout Canada since 1995 with Cominco, Westmin Resources, BHP Ltd., Homestake Canada Inc., and Barrick Gold Corp.
- 3. I am a member of the Association of Professional Geoscientists of BC (Member No. 27366).
- 4. I am currently employed with Strongbow Exploration Inc. of 860-625 Howe Street, Vancouver, BC, V6C 2T6.
- 5. I certify that to the best of my knowledge the costs listed, and all data presented, were incurred while carrying out exploration work on the Inza Property, BC during 2008.

Dated at Vancouver, British Columbia, this 31<sup>st</sup> day of May, 2009.

David F. Gale, P. Geo., M.Sc.

I, Felicia Y.Y. Chang, of 860-625 Howe St., Vancouver BC, V6C 2T6, do certify that:

- 1. I have been conferred with the academic degrees of Honours Bachelor of Science Earth and Ocean Sciences (University of British Columbia, 2000) and Master of Science – Geology (Queen's University, 2003).
- 2. I have been engaged as an exploration geologist in Canada since 1999 with Aber Resources Ltd., Navigator Exploration Corp., Miramar Mining Corp., and Stornoway Diamond Corp.
- 3. I am a member of the Association of Professional Geoscientists of BC (Member No. 144820).
- 4. I am currently employed with Strongbow Exploration Inc. of 860-625 Howe St., Vancouver BC, V6C 2T6.

Dated at Vancouver, British Columbia, this 31<sup>st</sup> day of May, 2009.

Felicia Y. Chang, P.Geo., M.Sc.

#### **10.0 REFERENCES**

- Cope, G.R., 1990. 1990 TEZ Claims Geology and Geochemistry, TEZ Claims, Omineca Mining Division, B.C. (BCGS AR #20,575).
- Geoscience BC Reports 2008-3 and 2008-04: Geoscience BC's QUEST Project Geochemical Sample Reanalysis and VTEM datasets.
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- Goodfellow, W.D. 2007. Mineral Deposits of Canada A Synthesis of Major Deposit Types, Distinct Metallogeny, the Evolution of Geological Provinces and Exploration Methods. Geological Association of Canada, Mineral Deposits Division. Special Publication No. 5.
- Johnson, D. 1996. 1995 Prospecting and Soil Geochemistry on the SAS #1 Mineral Property, SAS Claims, Omineca Mining Division, B.C. (BCGS AR #24,451).
- Mills, K., Arseneau, G., and Wells, P. 2008. Technical Report Feasibility, Mt. Milligan Property – Northern BC. Terrane Metals Corp. 384 p.
- Schmidt, U. 2006. 2005 Prospecting and Sampling Program, Carmen Claims, Omineca Mining Division, B.C. (BCGS AR #28,458).
- Stuart Nechako Region website, 2008: Geography of the Fort St. James Area, www.investnorthernbc.com

#### **APPENDIX I**

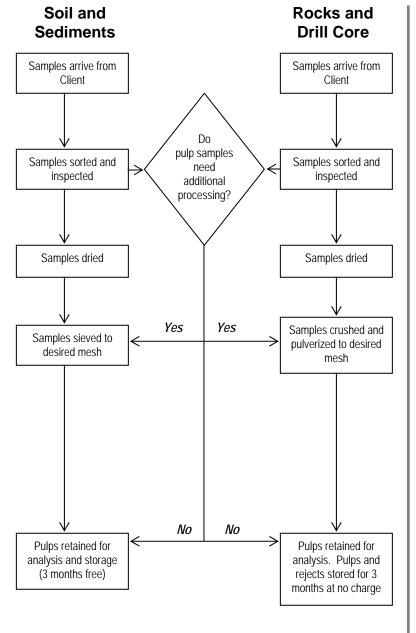
#### Acme Analytical Laboratories Laboratory Procedures & Standard Reference Material

Sample Preparation Methods and Specifications for Analytical Package Group 1DX - Aqua Regia ICPMS Standard Material OREAS 61Pb





#### **GENERAL SAMPLE PREPARATION METHODS**



#### Comments

*Receiving:* Samples arrive via courier, post or by client drop-off; shipment inspected for completeness.

*Sorting and Inspection:* Samples sorted and inspected for quality of use (quantity and condition). Pulp samples inspected for homogeneity and fineness. Coarse pulps are screened or pulverized after getting client's approval.

*Drying:* Wet or damp samples are dried at 60°C (40°C if specified by the client).

*Sieving:* Soil and sediment sieved to -80 mesh ASTM (-177 microns) unless client specifies otherwise. Sieve cleaned by brush and compressed air between samples. Reference material G-1 (pulp made of granite blank) is carried as first sample in sequence (sieve>weigh>digest>analyse) to monitor background noise.

*Crushing and Pulverizing:* Rock and Drill Core crushed to 70% passing 10 mesh (2 mm), homogenized, riffle split (250 g subsample) and pulverized to 95% passing 150 mesh (100 microns). Crusher and pulverizer are cleaned by brush and compressed air between routine samples. Granite wash scours equipment after high-grade samples, between changes in rock colour and at end of each file. Granite is crushed and pulverized as first sample in sequence and carried through to analysis to monitor background noise.

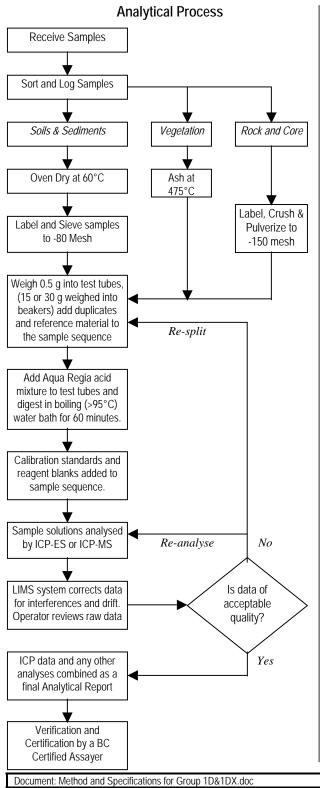
*Compositing:* Equal weights of crushed, pulverized or sieved material from 2 or more samples are combined and pulverized for 60+ seconds to produce a homogeneous mixture.

*Storage:* Pulp samples (up to 100g for soils or sediments and up to 250 g for rock and drill core) are archived for 3 months at no cost. Soil and sediment rejects are discarded immediately. Rock and drill core rejects are stored for 3 months at no charge. Client may request additional storage, return or disposal of pulps and rejects after initial free storage period.

# ACME ANALYTICAL LABORATORIES LTD.



#### METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 1D & 1DX – ICP & ICP-MS ANALYSIS – AQUA REGIA



#### Comments

#### Sample Preparation

All samples are dried at 60°C. Soil and sediment are sieved to -80 mesh (-177  $\mu$ m). Moss-mats are disaggregated then sieved to yield -80 mesh sediment. Vegetation is pulverized or ashed (475°C). Rock and drill core is jaw crushed to 70% passing 10 mesh (2 mm), a 250 g riffle split is then pulverized to 95% passing 150 mesh (100  $\mu$ m) in a mild-steel ring-and-puck mill. Pulp splits of 0.5 g are weighed into test tubes, 15 and 30 g splits are weighed into beakers.

#### Sample Digestion

A modified Aqua Regia solution of equal parts concentrated ACS grade HCl and HNO<sub>3</sub> and de-mineralised H<sub>2</sub>O is added to each sample to leach for one hour in a hot water bath (>95°C). After cooling the solution is made up to final volume with 5% HCl. Sample weight to solution volume is 1 g per 20 mL.

#### Sample Analysis

*Group 1D*: solutions aspirated into a Jarrel Ash AtomComp 800 or 975 ICP or Spectro Ciros Vision emission spectrometer are analysed for 30 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

*Group 1DX*: solutions aspirated into a Perkin Elmer Elan 6000/9000 ICP mass spectrometer are analysed for 36 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, *Ga, Hg*, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, *S*, Sb, *Sc*, *Se*, *Tl*, Sr, Th, Ti, U, V, W, Zn.

#### **Quality Control and Data Verification**

An Analytical Batch (1 page) comprises 33 samples. QA/QC protocol incorporates a sample-prep blank (SI or G-1) carried through all stages of preparation and analysis as the first sample, a pulp duplicate to monitor analytical precision, a -10 mesh rejects duplicate to monitor sub-sampling variation (drill core only), two reagent blanks to measure background and aliquots of in-house Standard Reference Materials like STD DS6 to monitor accuracy.

Raw and final data undergo a final verification by a British Columbia Certified Assayer who signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Leo Arciaga, Marcus Lau, Ken Kwok and Jacky Wang.

Ī	Document: Method and Specifications for Grou	p 1D&1DX.doc	Date: June 7, 2005	Revised By: T. Ferguson

ORE RESEARCH & EXPLORATION PTY LTD 3 London Drive, Bayswater, Vic 3153 AUSTRALIA Telephone: 61-3-9762 1808 Facsimile: 61-3-9762 3808

CERTIFICATE OF ANALYSIS FOR

#### GOLD ORE REFERENCE MATERIAL

#### **OREAS 61Pb**

#### SUMMARY STATISTICS

Constituent Recommended 95% Confidence **Tolerance interval** value interval 1-α=0.99, ρ=0.95 Low High Low High Gold, Au (ppm) 4.75 4.68 4.82 4.73 4.77 Silver, Ag (ppm) 8.8 8.4 9.2 8.6 9.0

Recommended Values, 95% Confidence and Tolerance Intervals

Prepared by: Ore Research & Exploration Pty Ltd October, 2003

REPORT 02/443C

# **APPENDIX II**

# Acme Analytical Laboratories Laboratory Assay Certificates

Soil	VAN08009070
Silt	VAN08009071
Rock	VAN08009072

# AcmeLabs ACME ANALYTICAL LABORATORIES LTD.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

#### Strongbow Exploration Inc.

800 - 625 Howe St. Vancouver BC V6C 2T6 Canada

Felicia Chang Submitted By: Canada-Vancouver Receiving Lab: September 05, 2008 Received: September 29, 2008 Report Date: Page: 1 of 3

# VAN08009070.1

#### **CLIENT JOB INFORMATION**

Project:	2535
Shipment ID:	2535-08-10
P.O. Number	
Number of Samples:	35

#### SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT-SOIL	Store Soil Reject - RJSV Charges Apply

CERTIFICATE OF ANALYSIS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To:	Strongbow Exploration Inc.	
	800 - 625 Howe St.	
	Vancouver BC V6C 2T6	
	Canada	

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C	~	)	

Ellen Stewart David Gale



Client:

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	35	Dry at 60C sieve 100g to -80 mesh		
RJSV	35	Save all or part of soil reject fraction		
1DX	35	1:1:1 Aqua regia digestion. Analysis by ICP-MS	15	Completed

#### **ADDITIONAL COMMENTS**



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



800 - 625 Howe St. Vancouver BC V6C 2T6 Canada

Project: Report Date:

Page:

September 29, 2008

2535

Acmelabs ACME ANALYTICAL LABORATORIES LTD. 1020 Cordova St. East Vancouver BC V6A 4A3 Canada Phone (604) 253-3158 Fax (604) 253-1716

CERTIFICATE OF ANALYSIS

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#### 2 of 3 Part 1

VAN08009070.1

	Method	1DX15																			
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%							
	MDL	0.1	0.1	0.1		0.1	0.1	0.1		0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
43344 Soil		1.4	69.8	5.5	85	0.3	40.2	13.6	337	3.01	6.1	1.4	2.4	0.4	26	0.8	0.4	0.1	87	0.40	0.068
43345 Soil		5.1	43.1	8.2	152	0.2	39.4	15.7	795	4.10	10.5	0.4	2.2	0.7	22	1.9	1.4	0.2	117	0.34	0.107
43346 Soil		2.2	34.5	8.5	109	0.2	40.2	14.5	362	3.95	11.5	0.4	1.5	0.9	22	0.5	1.3	0.2	124	0.35	0.060
43347 Soil		1.2	45.0	5.7	73	0.2	34.5	15.1	555	2.95	6.9	0.6	2.4	1.1	26	0.3	0.6	<0.1	88	0.40	0.076
43348 Soil		1.5	120.5	7.4	108	0.5	57.8	19.9	1705	3.65	6.8	1.3	1.2	0.8	52	1.0	0.7	0.1	106	1.00	0.071
43349 Soil		1.4	28.3	6.3	121	0.2	29.7	14.8	723	3.21	5.9	0.3	3.2	0.8	27	0.4	0.6	0.1	90	0.43	0.117
43350 Soil		1.1	54.8	5.4	60	0.2	37.0	15.3	797	3.05	5.6	0.5	3.1	1.1	39	0.2	0.6	<0.1	94	0.63	0.031
78004 Soil		1.5	14.2	16.4	96	0.3	12.6	4.8	181	1.84	21.8	0.3	1.9	1.1	12	0.5	1.8	0.4	55	0.20	0.060
78005 Soil		1.8	46.7	28.2	168	0.5	32.0	10.8	673	3.05	46.1	0.7	6.8	1.0	24	0.9	2.4	0.4	78	0.35	0.074
78006 Soil		2.1	22.1	32.0	209	0.2	20.1	8.0	336	2.80	46.6	0.3	5.8	0.9	16	1.2	2.9	0.5	74	0.25	0.088
78007 Soil		1.8	27.3	20.4	146	0.1	28.6	11.3	380	2.65	35.4	0.3	4.4	1.2	17	0.8	2.4	0.3	71	0.25	0.095
78008 Soil		2.5	17.2	19.7	192	0.3	20.2	8.4	299	2.78	40.8	0.3	2.2	1.2	15	1.8	1.6	0.6	78	0.22	0.121
78009 Soil		2.0	31.2	14.1	144	0.3	13.9	12.9	856	4.45	29.6	0.2	2.0	0.9	9	0.9	3.1	0.3	100	0.12	0.203
78010 Soil		2.1	54.1	22.0	171	0.3	29.2	14.7	572	4.70	126.1	0.4	4.7	1.1	13	0.6	5.2	0.4	100	0.17	0.101
78011 Soil		2.0	42.1	21.2	152	0.3	22.0	12.8	436	4.59	116.0	0.3	3.0	0.8	10	0.5	4.8	0.4	101	0.13	0.110
78012 Soil		1.6	39.2	15.3	124	0.5	22.8	9.8	947	2.60	22.1	0.5	2.0	0.7	24	0.7	1.7	0.3	71	0.36	0.080
78013 Soil		2.3	31.9	18.7	137	0.4	24.3	10.2	518	2.91	36.5	0.3	4.8	0.9	20	0.7	3.0	0.4	74	0.30	0.084
78014 Soil		1.8	54.2	12.1	243	0.3	37.9	29.2	1319	5.14	22.9	0.3	3.2	0.9	25	0.8	2.0	0.2	131	0.42	0.365
78015 Soil		2.7	20.6	12.2	110	0.2	17.5	9.0	429	2.56	17.0	0.3	1.6	1.0	20	0.7	2.0	0.2	76	0.29	0.070
78016 Soil		3.5	46.4	19.1	132	0.6	34.2	14.6	742	3.62	41.0	0.4	3.7	1.1	16	0.9	3.2	0.4	92	0.25	0.077
78017 Soil		0.8	11.6	7.6	88	0.1	13.3	4.5	182	1.33	5.9	0.3	1.8	1.1	20	0.3	0.5	0.4	45	0.30	0.032
78018 Soil		3.2	18.5	10.4	69	0.1	16.6	6.0	188	2.34	12.9	0.3	1.8	1.0	15	0.6	0.9	0.5	77	0.24	0.094
78019 Soil		0.9	10.6	6.3	58	0.1	10.9	4.1	118	1.44	4.1	0.3	0.9	0.6	18	0.4	0.4	0.2	54	0.30	0.060
78450 Soil		1.3	38.0	6.8	92	0.2	41.6	18.6	669	3.93	6.0	0.4	1.6	0.7	39	0.6	0.5	<0.1	119	0.71	0.181
78451 Soil		1.2	24.0	6.0	261	0.3	39.3	18.0	829	4.00	5.6	0.3	2.0	0.8	22	0.8	0.6	0.1	111	0.42	0.173
78452 Soil		2.5	71.2	9.2	258	0.4	50.3	23.1	1258	3.67	7.5	0.4	4.0	0.6	35	1.3	0.9	0.1	84	0.66	0.130
78453 Soil		1.9	36.3	8.4	177	0.2	66.6	20.3	664	4.66	11.4	0.3	1.0	0.8	26	1.1	0.9	0.2	128	0.53	0.132
78454 Soil		1.7	65.1	6.1	70	0.2	52.6	17.7	970	3.35	8.4	0.5	2.0	1.0	48	0.4	0.9	<0.1	86	1.05	0.084
78455 Soil		2.0	34.5	7.8	110	1.5	36.2	23.6	4861	3.21	6.8	0.2	0.7	0.3	13	3.3	0.7	0.1	89	0.31	0.167
78456 Soil		3.1	113.2	12.2	149	1.0	70.0	24.4	3317	4.77	13.7	0.8	1.6	0.9	34	1.1	1.2	0.2	122	0.61	0.105

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Part 2

## CERTIFICATE OF ANALYSIS

	Method	1DX15															
	Analyte	La	Cr	Mg	Ba	Ті	в	AI	Na	κ	w	Hg	Sc	ті	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
43344 Soil		13	58	0.67	94	0.058	2	2.50	0.011	0.04	<0.1	0.06	4.8	<0.1	<0.05	7	<0.5
43345 Soil		5	58	0.61	89	0.079	3	2.11	0.008	0.08	0.1	0.03	3.7	<0.1	<0.05	8	<0.5
43346 Soil		6	47	0.54	121	0.093	2	2.37	0.011	0.05	0.1	0.03	3.5	<0.1	<0.05	8	<0.5
43347 Soil		10	56	0.78	98	0.095	3	2.03	0.014	0.05	<0.1	0.04	5.2	<0.1	<0.05	6	<0.5
43348 Soil		28	69	0.83	183	0.072	2	2.78	0.012	0.06	<0.1	0.09	9.2	<0.1	<0.05	8	0.9
43349 Soil		5	48	0.68	122	0.096	3	2.01	0.012	0.05	<0.1	0.03	3.5	<0.1	<0.05	7	<0.5
43350 Soil		13	64	0.83	104	0.108	3	2.12	0.011	0.04	<0.1	0.04	5.3	<0.1	<0.05	7	<0.5
78004 Soil		9	23	0.26	63	0.045	1	0.90	0.008	0.05	0.1	0.03	2.1	0.1	<0.05	4	<0.5
78005 Soil		13	44	0.59	159	0.038	2	1.71	0.010	0.07	0.1	0.08	4.3	0.1	<0.05	6	<0.5
78006 Soil		8	34	0.40	118	0.040	2	1.34	0.008	0.05	0.1	0.04	2.8	0.1	<0.05	5	<0.5
78007 Soil		8	41	0.49	90	0.050	2	1.37	0.009	0.05	0.2	0.04	3.1	<0.1	<0.05	5	<0.5
78008 Soil		7	39	0.39	92	0.059	1	1.39	0.011	0.05	0.2	0.04	2.7	<0.1	<0.05	6	<0.5
78009 Soil		6	24	0.18	122	0.009	2	1.59	0.006	0.06	0.2	0.04	4.2	0.2	<0.05	6	<0.5
78010 Soil		9	34	0.41	127	0.013	2	2.00	0.007	0.06	0.1	0.07	5.4	0.2	<0.05	7	<0.5
78011 Soil		7	32	0.32	104	0.014	2	1.76	0.007	0.06	0.1	0.04	4.4	0.2	<0.05	6	<0.5
78012 Soil		14	36	0.42	161	0.034	2	1.69	0.011	0.06	0.1	0.05	4.6	0.2	<0.05	6	<0.5
78013 Soil		8	36	0.45	115	0.041	2	1.32	0.008	0.07	0.2	0.06	3.5	0.1	<0.05	5	<0.5
78014 Soil		5	58	0.56	122	0.047	3	2.93	0.008	0.07	0.2	0.04	5.6	0.1	<0.05	11	<0.5
78015 Soil		7	31	0.27	139	0.049	2	1.13	0.010	0.05	0.1	0.04	2.9	<0.1	<0.05	5	<0.5
78016 Soil		7	46	0.55	113	0.060	4	1.57	0.011	0.07	0.2	0.12	4.3	0.2	<0.05	6	<0.5
78017 Soil		8	25	0.31	93	0.071	1	1.03	0.010	0.03	0.2	0.02	2.3	<0.1	<0.05	4	<0.5
78018 Soil		6	31	0.27	85	0.078	2	1.16	0.010	0.04	0.2	0.03	2.5	<0.1	<0.05	6	<0.5
78019 Soil		7	23	0.24	74	0.078	1	1.05	0.013	0.03	<0.1	0.02	2.2	<0.1	<0.05	6	<0.5
78450 Soil		5	65	0.81	110	0.113	5	2.22	0.014	0.06	0.2	0.06	3.7	<0.1	<0.05	8	<0.5
78451 Soil		4	76	0.68	132	0.113	4	2.31	0.009	0.06	<0.1	0.02	3.7	<0.1	<0.05	8	<0.5
78452 Soil		6	82	0.77	168	0.037	2	2.26	0.009	0.12	<0.1	0.07	4.3	0.1	<0.05	7	<0.5
78453 Soil		4	101	0.94	110	0.087	2	2.75	0.008	0.06	0.1	0.07	4.2	<0.1	<0.05	10	<0.5
78454 Soil		7	64	0.93	87	0.084	4	1.77	0.014	0.06	<0.1	0.11	6.0	<0.1	0.07	5	0.7
78455 Soil		3	80	0.49	150	0.045	4	1.44	0.006	0.10	0.1	0.09	2.2	<0.1	0.06	6	<0.5
78456 Soil		24	95	0.90	176	0.045	2	3.42	0.012	0.08	<0.1	0.10	9.1	0.2	<0.05	10	0.7

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# CERTIFICATE OF ANALYSIS

		Method	1DX15																			
		Analyte	Мо	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	v	Ca	Р
		Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%							
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
78457	Soil		2.1	59.1	7.0	71	0.1	47.2	17.4	657	4.02	9.3	0.4	2.3	1.1	23	0.2	1.3	<0.1	104	0.38	0.063
78458	Soil		1.5	32.2	6.5	57	0.2	32.3	20.7	1121	2.71	4.0	0.3	<0.5	0.5	32	0.4	0.6	0.1	88	0.50	0.049
78459	Soil		2.3	76.3	7.9	132	0.6	199.9	42.3	1069	4.39	4.5	0.3	<0.5	0.6	26	0.8	0.7	<0.1	115	0.73	0.094
78460	Soil		1.5	17.8	6.2	57	<0.1	22.8	6.7	200	2.02	5.3	0.3	1.0	1.0	28	0.4	0.5	<0.1	64	0.44	0.020
78461	Soil		1.5	22.3	6.4	74	<0.1	32.2	9.3	270	2.34	6.7	0.4	1.0	1.2	27	0.4	0.6	0.1	66	0.43	0.026



## Strongbow Exploration Inc.

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## CERTIFICATE OF ANALYSIS

		Method Analyte	1DX15 La	1DX15 Cr	1DX15 Mg	1DX15 Ba	1DX15 Ti	1DX15 B	1DX15 Al	1DX15 Na	1DX15 K	1DX15 W	1DX15 Hg	1DX15 Sc	1DX15 TI	1DX15 S	1DX15 Ga	1DX15 Se
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
78457	Soil		6	66	0.81	93	0.080	2	1.93	0.011	0.05	<0.1	0.15	6.0	<0.1	<0.05	6	<0.5
78458	Soil		7	53	0.64	130	0.073	2	1.64	0.014	0.05	<0.1	0.05	3.3	<0.1	<0.05	6	<0.5
78459	Soil		5	497	1.98	119	0.130	3	2.81	0.009	0.07	0.2	0.05	4.6	<0.1	<0.05	9	<0.5
78460	Soil		6	36	0.40	108	0.057	2	1.32	0.010	0.03	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5
78461	Soil		7	46	0.49	115	0.062	1	1.45	0.015	0.03	<0.1	0.02	3.2	<0.1	<0.05	5	<0.5

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# QUALITY CONTROL REPORT

	Method	1DX15																			
	Analyte	Мо	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	v	Ca	Р
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ррт	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
78006	Soil	2.1	22.1	32.0	209	0.2	20.1	8.0	336	2.80	46.6	0.3	5.8	0.9	16	1.2	2.9	0.5	74	0.25	0.088
REP 78006	QC	2.0	21.8	30.8	204	0.2	19.6	7.9	337	2.68	45.2	0.3	4.3	0.9	16	1.3	2.8	0.4	74	0.25	0.084
Reference Materials																					
STD DS7	Standard	20.0	110.3	72.8	413	0.9	55.6	9.0	646	2.44	51.1	4.9	108.2	4.6	83	6.8	6.0	4.5	89	1.00	0.086
STD DS7	Standard	19.3	110.8	71.3	394	0.8	54.1	9.6	623	2.36	53.4	5.0	64.6	4.5	73	7.1	6.2	4.7	84	0.94	0.084
STD DS7 Expected		20.9	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	5.9	4.5	86	0.93	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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## QUALITY CONTROL REPORT

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ва	Ti	в	AI	Na	к	w	Hg	Sc	ті	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																	
78006	Soil	8	34	0.40	118	0.040	2	1.34	0.008	0.05	0.1	0.04	2.8	0.1	<0.05	5	<0.5
REP 78006	QC	8	35	0.40	115	0.042	2	1.31	0.010	0.05	0.2	0.04	2.8	0.1	<0.05	5	<0.5
Reference Materials																	
STD DS7	Standard	14	202	1.08	400	0.135	38	1.09	0.101	0.51	3.9	0.20	2.7	4.2	0.23	5	3.0
STD DS7	Standard	13	187	1.05	380	0.117	42	1.04	0.089	0.45	3.7	0.20	2.4	4.3	0.18	5	3.4
STD DS7 Expected		13	163	1.05	370	0.124	39	0.959	0.073	0.44	3.8	0.2	2.5	4.2	0.21	5	3.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5



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## Strongbow Exploration Inc.

800 - 625 Howe St. Vancouver BC V6C 2T6 Canada

Submitted By: Receiving Lab: Received: Report Date: Page: 1 of 2

## Felicia Chang Canada-Vancouver September 05, 2008 September 22, 2008

## VAN08009071.1

#### **CLIENT JOB INFORMATION**

Project:	2535
Shipment ID:	2535-08-11
P.O. Number	
Number of Samples:	21

#### SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT-SOIL	Store Soil Reject - RJSV Charges Apply

CERTIFICATE OF ANALYSIS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

#### Strongbow Exploration Inc. Invoice To: 800 - 625 Howe St. Vancouver BC V6C 2T6 Canada

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Ellen Stewart David Gale

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Client:

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	21	Dry at 60C sieve 100g to -80 mesh		
RJSV	21	Save all or part of soil reject fraction		
1DX	21	1:1:1 Aqua regia digestion. Analysis by ICP-MS	15	Completed

#### **ADDITIONAL COMMENTS**



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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CERTIFICATE OF ANALYSIS

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Acme Laboratories Ltd.

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15							
	Analyte	Мо	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	v	Ca	Р
	Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%							
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
78020 Silt		1.7	56.8	5.9	86	0.2	46.5	16.4	887	3.31	7.3	0.6	3.0	0.7	66	0.6	0.8	<0.1	99	1.09	0.075
78021 Silt		1.8	87.5	6.8	101	0.3	67.2	21.7	1115	4.03	9.2	0.9	2.7	0.8	71	0.7	1.0	0.1	112	1.09	0.090
78022 Silt		1.4	52.5	5.4	58	<0.1	46.8	16.6	920	3.09	7.2	0.4	2.7	1.0	52	0.3	0.9	<0.1	88	1.41	0.074
78023 Silt		1.4	61.4	5.7	90	0.3	59.7	16.8	869	3.56	7.0	0.7	2.6	0.6	76	0.5	0.6	<0.1	102	1.15	0.068
78044 Silt		1.6	26.8	7.5	108	0.2	38.8	10.8	653	2.57	15.2	0.4	3.0	1.1	68	0.6	1.8	0.1	68	0.79	0.068
78045 Silt		1.3	20.9	5.5	72	<0.1	32.7	9.6	485	2.58	9.6	0.4	10.3	1.2	47	0.4	1.1	0.1	76	0.62	0.061
78046 Silt		0.7	22.9	4.0	98	<0.1	38.3	11.1	895	3.01	10.9	0.5	3.5	1.2	51	0.4	0.9	0.1	63	0.58	0.093
78047 Silt		2.0	34.8	14.2	144	0.4	38.0	10.9	609	2.82	31.6	0.8	5.8	1.3	70	0.8	1.3	0.6	78	0.86	0.066
78048 Silt		3.2	44.0	9.2	188	0.3	40.0	11.4	620	2.79	65.2	0.9	7.2	1.3	59	1.4	1.6	0.9	77	0.75	0.062
78049 Silt		2.4	35.1	4.8	129	0.1	35.7	10.1	678	2.30	11.0	1.0	3.0	0.9	48	0.9	0.6	0.1	61	0.60	0.055
78050 Silt		0.6	21.6	4.6	71	0.1	34.2	9.1	1312	2.20	10.0	0.5	1.4	0.6	57	0.4	0.7	<0.1	61	0.99	0.050
78051 Silt		0.8	27.6	11.7	178	0.3	37.7	11.2	1644	2.45	24.4	0.4	3.1	0.5	73	1.7	1.0	<0.1	57	1.07	0.057
78052 Silt		1.8	27.9	14.6	453	0.4	36.8	10.5	2334	2.51	38.9	1.1	3.9	0.7	75	2.2	1.3	0.5	58	0.88	0.071
78287 Silt		1.9	67.3	6.7	101	0.2	55.0	22.2	1419	4.05	9.2	0.6	3.9	0.7	75	0.7	0.8	<0.1	116	1.21	0.073
43336 Silt		21.4	50.7	11.5	186	0.8	49.8	12.2	>10000	8.94	198.5	1.4	9.6	0.9	275	1.0	2.3	0.6	60	2.19	0.421
43337 Silt		4.1	59.7	29.2	280	1.4	62.3	17.7	5230	4.55	76.8	1.2	19.7	1.0	147	3.2	2.0	0.8	90	1.49	0.099
43338 Silt		2.7	57.1	27.9	198	1.7	55.5	15.6	4715	4.67	69.1	1.0	8.0	0.9	131	1.6	2.7	0.5	85	1.44	0.096
43339 Silt		3.0	66.4	19.8	171	1.0	62.1	16.7	2989	3.49	40.8	0.6	5.3	0.8	88	1.4	2.5	0.5	76	1.23	0.083
43341 Silt		1.7	70.1	9.1	607	0.5	51.0	15.0	976	3.26	15.6	1.2	3.5	1.1	43	0.3	1.8	0.2	99	0.63	0.061
43342 Silt		1.1	58.9	8.2	85	0.2	42.8	14.7	385	2.79	10.2	0.6	2.7	1.0	50	0.3	1.7	0.1	83	0.94	0.068
43343 Silt		1.1	55.6	5.9	73	0.2	38.1	14.3	654	3.12	8.0	0.4	4.0	0.8	85	0.5	0.8	<0.1	95	1.24	0.065





#### **Strongbow Exploration Inc.**

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## CERTIFICATE OF ANALYSIS

	Method	1DX15															
	Analyte	La	Cr	Mg	Ва	Ti	в	AI	Na	κ	w	Hg	Sc	ті	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
78020 Silt		8	58	0.83	117	0.099	3	2.03	0.013	0.06	<0.1	0.11	6.5	<0.1	<0.05	6	1.0
78021 Silt		9	84	0.96	142	0.087	4	2.48	0.013	0.07	0.5	0.11	9.1	<0.1	<0.05	7	0.7
78022 Silt		7	57	0.98	77	0.100	4	1.49	0.016	0.06	<0.1	0.09	5.0	<0.1	<0.05	5	0.7
78023 Silt		8	85	0.95	128	0.095	4	2.56	0.012	0.07	<0.1	0.11	6.6	<0.1	<0.05	6	1.4
78044 Silt		8	40	0.68	153	0.056	4	1.13	0.017	0.07	0.1	0.10	4.0	0.2	<0.05	4	0.8
78045 Silt		8	46	0.67	106	0.073	3	1.00	0.017	0.05	1.3	0.07	3.3	0.1	<0.05	4	0.8
78046 Silt		8	44	0.77	153	0.057	5	1.24	0.016	0.06	<0.1	0.13	4.1	0.2	0.06	4	<0.5
78047 Silt		10	49	0.72	128	0.073	4	1.40	0.019	0.06	0.7	0.09	4.4	0.2	<0.05	4	<0.5
78048 Silt		10	44	0.69	106	0.074	4	1.26	0.021	0.07	0.5	0.15	3.9	0.1	<0.05	4	0.5
78049 Silt		8	39	0.54	111	0.071	3	1.03	0.014	0.05	0.2	0.11	3.4	<0.1	<0.05	3	0.9
78050 Silt		7	42	0.62	164	0.066	6	1.27	0.014	0.05	<0.1	0.12	3.8	<0.1	<0.05	4	0.8
78051 Silt		6	38	0.69	182	0.055	5	1.23	0.013	0.05	<0.1	0.13	3.4	<0.1	<0.05	4	1.4
78052 Silt		9	37	0.60	183	0.050	5	1.12	0.014	0.05	0.2	0.11	3.4	0.1	<0.05	3	1.1
78287 Silt		9	61	0.99	143	0.106	5	2.50	0.014	0.06	0.1	0.12	7.3	<0.1	<0.05	7	1.0
43336 Silt		11	36	0.67	1684	0.027	9	1.57	0.015	0.09	0.5	0.31	6.2	0.3	0.39	5	1.9
43337 Silt		16	52	0.86	388	0.045	4	2.54	0.016	0.10	0.2	0.20	7.2	0.3	0.05	7	1.9
43338 Silt		19	53	0.77	342	0.030	4	2.30	0.012	0.09	0.1	0.30	7.6	0.2	0.05	6	1.7
43339 Silt		13	50	0.76	203	0.048	6	1.72	0.014	0.08	0.2	0.25	6.2	0.1	<0.05	5	1.2
43341 Silt		15	54	0.74	220	0.054	3	2.34	0.013	0.09	<0.1	0.22	7.7	0.2	<0.05	7	0.8
43342 Silt		8	44	0.73	107	0.073	4	1.66	0.016	0.07	0.1	0.23	5.4	0.2	<0.05	5	1.1
43343 Silt		7	46	0.82	118	0.110	7	1.89	0.014	0.07	0.1	0.11	5.5	<0.1	<0.05	6	1.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

## VAN08009071.1



Strongbow Exploration Inc.

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800 - 625 Howe St.

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# QUALITY CONTROL REPORT

	Method	1DX15																			
	Analyte	Мо	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	v	Ca	Р
	Unit	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%							
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
43342	Silt	1.1	58.9	8.2	85	0.2	42.8	14.7	385	2.79	10.2	0.6	2.7	1.0	50	0.3	1.7	0.1	83	0.94	0.068
REP 43342	QC	1.1	62.5	7.8	85	0.1	42.6	15.2	385	2.80	10.1	0.6	1.4	1.0	52	0.4	1.6	0.1	77	0.93	0.069
Reference Materials																					
STD DS7	Standard	20.4	107.0	69.4	416	1.0	60.3	9.5	655	2.45	51.9	4.8	78.4	4.2	79	5.9	6.6	4.8	93	0.97	0.084
STD DS7 Expected		20.9	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	5.9	4.5	86	0.93	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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## Strongbow Exploration Inc.

800 - 625 Howe St. Vancouver BC V6C 2T6 Canada

STRONGBOW 1 Submitted By: Canada-Vancouver Receiving Lab: September 05, 2008 Received: September 24, 2008 Report Date: Page: 1 of 2

Client:

## VAN08009072.1

#### **CLIENT JOB INFORMATION**

Project:	2535
Shipment ID:	2535-08-12
P.O. Number	
Number of Samples:	12

CERTIFICATE OF ANALYSIS

### SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To:	Strongbow Exploration Inc.
	800 - 625 Howe St.
	Vancouver BC V6C 2T6
	Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	11	Crush, split and pulverize rock to 150 mesh		
1DX	12	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed

## ADDITIONAL COMMENTS



Client:
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## QUALITY CONTROL REPORT

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ва	Ti	в	AI	Na	ĸ	w	Hg	Sc	TI	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																	
43342	Silt	8	44	0.73	107	0.073	4	1.66	0.016	0.07	0.1	0.23	5.4	0.2	<0.05	5	1.1
REP 43342	QC	8	42	0.71	106	0.066	3	1.66	0.013	0.07	<0.1	0.21	5.2	0.1	<0.05	5	1.0
Reference Materials																	
STD DS7	Standard	13	210	1.11	389	0.130	42	1.09	0.103	0.48	4.1	0.19	2.4	4.3	0.18	5	3.7
STD DS7 Expected		13	163	1.05	370	0.124	39	0.959	0.073	0.44	3.8	0.2	2.5	4.2	0.21	5	3.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5

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CERTIFICATE OF ANALYSIS

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			010															003	012		
	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Мо	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	v	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ррт	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
43483	Rock	1.17	1.5	24.6	7.6	62	0.1	3.4	6.1	201	2.42	16.2	2.9	1.2	8.1	43	0.5	0.5	0.7	48	0.45
43484	Rock	2.22	346.5	148.8	17.3	32	1.3	2.2	6.3	71	2.49	12.8	1.6	2.9	6.7	17	0.3	2.2	1.4	39	0.24
43485	Rock	1.34	81.6	386.8	14.4	78	3.5	2.7	6.8	186	2.44	14.9	1.7	42.4	6.7	23	0.8	1.3	1.6	41	0.38
85124	Rock	1.69	40.4	232.5	12.7	29	0.5	55.2	13.6	96	5.03	3.0	1.3	4.9	3.0	69	0.3	1.9	3.1	117	0.78
85125	Rock	1.67	13.9	314.2	6.5	58	0.6	65.8	12.0	53	2.84	6.3	0.8	18.8	1.8	50	0.9	0.9	0.8	58	0.33
85126	Rock	1.66	214.4	52.2	15.7	61	0.6	2.5	2.5	129	1.47	4.1	1.4	1.3	6.1	19	0.2	2.2	0.7	14	0.21
85127	Rock	1.56	131.1	74.4	7.8	21	1.1	1.2	2.6	71	2.83	3.6	2.8	10.8	7.4	55	<0.1	0.9	1.2	40	0.25
78289	Rock	1.30	710.6	136.8	10.7	30	1.0	2.0	9.3	70	3.16	10.9	1.3	2.8	7.9	13	0.2	0.7	2.9	24	0.22
78290	Rock	1.53	33.7	9458	62.6	373	96.8	10.9	20.7	335	13.92	471.8	1.7	798.2	7.8	9	3.6	15.0	31.9	30	0.13
78043	Rock	1.25	55.1	163.0	10.1	24	0.5	28.7	7.4	76	3.57	3.8	1.5	6.1	2.8	29	0.3	1.3	1.9	162	0.56
78291	Rock Pulp	0.08	12.2	117.5	25.1	89	8.7	15.2	17.8	926	3.70	10.5	0.6	4715	1.8	127	1.8	0.1	0.3	90	2.16
78292	Rock	0.51	0.6	31.2	9.0	5	0.5	2.2	1.2	270	0.49	4.6	0.2	7.7	1.3	28	<0.1	0.2	0.1	8	0.66



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Part 2

## CERTIFICATE OF ANALYSIS

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Р	La	Cr	Mg	Ва	Ti	в	AI	Na	к	w	Hg	Sc	ті	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
43483	Rock	0.144	22	3	0.62	344	0.146	<20	0.85	0.087	0.22	0.6	<0.01	2.2	<0.1	0.72	5	0.5
43484	Rock	0.137	14	2	0.51	174	0.045	<20	0.78	0.040	0.27	0.2	<0.01	1.5	0.2	1.28	5	3.0
43485	Rock	0.132	31	3	0.56	196	0.033	<20	0.84	0.031	0.21	0.3	<0.01	1.3	0.1	1.07	5	2.3
85124	Rock	0.129	6	27	0.36	35	0.090	<20	1.02	0.176	0.08	1.4	<0.01	2.4	0.1	2.08	4	6.6
85125	Rock	0.054	4	73	0.42	69	0.080	<20	0.94	0.142	0.28	3.6	<0.01	2.5	0.2	1.35	4	3.8
85126	Rock	0.110	13	2	0.16	102	0.002	<20	0.36	0.017	0.10	0.9	<0.01	0.7	<0.1	<0.05	2	0.9
85127	Rock	0.160	13	3	0.34	279	0.062	<20	0.63	0.063	0.26	1.1	<0.01	1.5	0.1	0.42	4	3.9
78289	Rock	0.114	10	3	0.30	102	0.019	<20	0.59	0.026	0.18	0.6	<0.01	0.9	0.1	2.15	3	4.5
78290	Rock	0.097	11	2	0.39	31	0.002	<20	0.79	0.018	0.09	0.7	0.07	0.9	0.1	9.79	4	13.7
78043	Rock	0.118	12	32	0.19	51	0.122	<20	0.40	0.079	0.09	2.0	<0.01	3.1	<0.1	0.89	3	3.8
78291	Rock Pulp	0.089	13	21	1.08	101	0.084	<20	2.26	0.117	0.24	<0.1	0.03	6.4	0.2	0.73	8	0.9
78292	Rock	0.013	10	7	0.21	694	0.017	<20	0.76	0.105	0.06	0.2	<0.01	0.6	<0.1	<0.05	2	<0.5





## Strongbow Exploration Inc.

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QUALITY CONTROL REPORT VAN08009072.1																VA	N08	009(	)72.	1	
	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Мо	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	v	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
78289	Rock	1.30	710.6	136.8	10.7	30	1.0	2.0	9.3	70	3.16	10.9	1.3	2.8	7.9	13	0.2	0.7	2.9	24	0.22
Reference Materials																					
STD DS7	Standard		18.9	103.9	64.2	399	0.9	56.4	9.3	660	2.46	56.0	5.2	58.0	5.1	72	6.8	4.6	4.3	86	0.97
STD DS7	Standard		18.2	103.2	65.4	409	0.9	54.0	9.1	640	2.40	47.7	4.4	58.1	4.2	70	6.8	4.5	4.3	86	0.97
STD DS7 Expected			20.9	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	5.9	4.5	86	0.93
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank	<0.01	0.2	13.7	14.7	81	0.1	4.6	4.7	606	2.22	0.7	2.6	<0.5	3.8	78	0.2	0.3	<0.1	43	0.60
G1	Prep Blank	<0.01	0.2	9.1	19.8	73	<0.1	4.5	4.4	586	2.16	0.5	2.0	1.0	3.4	70	0.2	0.1	<0.1	43	0.55



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## Strongbow Exploration Inc.

800 - 625 Howe St. Vancouver BC V6C 2T6 Canada

Project:

Report Date:

September 24, 2008

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Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

#### 1 of 1 Part 2

#### QUALITY CONTROL REPORT Method 1DX Analyte Р Cr Ti в AI Na w ΤL Ga La Mg Ва κ Hg Sc s Unit % % % % ppm ppm % ppm % ppm % ppm ppm ppm ppm ppm ppm MDL 0.001 1 1 0.01 1 0.001 20 0.01 0.001 0.01 0.1 0.01 0.1 0.05 1 0.5 0.1 4.5 78289 3 Rock 0.114 10 3 0.30 102 0.019 <20 0.59 0.026 0.18 0.6 < 0.01 0.9 0.1 2.15 **Reference Materials** STD DS7 Standard 0.081 12 164 1.08 400 0.117 1.05 0.092 0.45 3.7 0.19 2.3 4.2 0.20 5 3.6 34 5 3.6 STD DS7 Standard 0.081 12 159 1.03 405 0.111 31 0.99 0.088 0.43 3.6 0.19 2.1 4.1 0.20 3.5 STD DS7 Expected 0.08 13 163 1.05 370 0.124 39 0.959 0.073 0.44 3.8 0.2 2.5 4.2 0.21 5 BLK Blank < 0.5 < 0.001 <1 <1 < 0.01 <1 <0.001 <20 < 0.01 < 0.001 < 0.01 <0.1 < 0.01 < 0.1 <0.1 < 0.05 <1 Prep Wash G1 Prep Blank 0.096 8 9 0.66 267 0.146 <20 1.07 0.092 0.62 <0.1 < 0.01 2.0 0.4 < 0.05 5 < 0.5 7 G1 Prep Blank 0.095 7 0.65 262 0.141 <20 1.06 0.082 0.57 <0.1 < 0.01 1.9 0.4 < 0.05 5 < 0.5

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This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only

## **APPENDIX III**

A: Inza Property – 2008 Rock Sample Locations, Description and Geochemical Results B: Inza Property – 2008 Soil Sample Locations, Description and Geochemical Results C: Inza Property – 2008 Silt Sample Locations, Description and Geochemical Results

Sample	Туре	Northing	Easting Lith_Code	Descriptor	Alteration	Mineralization	Comments	Cu_ppm	Mo_ppm	Au_ppb	Ag_ppm	Ars_ppm	Bi_ppm	Sb_ppm	Pb_ppm	Zn_ppm
43483	Outcrop	6082860	0 394685 IF	porphyritic	Limonite	PY	Bio-rich, felsic porphyry w weak mineralization on fresh surface. Outcrop on porphyry scree slope.	23.3	1.5	1.2	0.1	16.2	0.7	0.5	7.6	62
43484	Outcrop	6083138	3 394732 IZ	porphyritic	Limonite	MAL	Strongly gossan altered felsic porphyry along road cut, in outcrop. Sample represents high grading of qtz stringers within porphyry w strong moly mineralization.	148.8	346.5	2.9	1.3	12.8	1.4	2.2	17.3	32
43485	Outcrop	6083133	3 394729 IZ	porphyritic	Limonite	MAL	As before w trace malchite within stringer veins in porphyry. ~5% of rock composed of 3-4mm qtz stringer veins.	386.8	81.6	42.4	3.5	14.9	1.6	1.3	14.4	78
78043	Outcrop	6083196	5 394628 SH	massive	Fe-staining	PY	Difficult to tell what rock is, aphanitic, fresh surface green, hard chert or silicious looking. Sulphides occurring on fractures. Also heavy manganese weathering in frac.	163	55.1	6.1	0.5	3.8	1.9	1.3	10.1	24
78289	Outcrop	6083122	2 394727 IF	porphyritic	Silica	PY	Siliceous section of biotite feldspar porphry OC on road cut.	116.4	710.6	2.8	1	10.9	2.9	0.7	10.7	30
78290	Outcrop	6083127	7 394730 IF		Limonite	PY	Select sample of sulphide stockwork vnlts in 10x20cm segment of porphyritic OC. 3m Nort of previous sampe in same OC.	9457.6	33.7	798.2	96.8	471.8	31.9	15	62.6	373
85124	Outcrop	6083195	5 394639 ICA	chill margin	Limonite	PO	West facing 20x3m gossan in cut block. Highly fractured, bleached segments, weakly magnetic.	232.5	40.4	4.9	0.5	3	3.1	1.9	12.7	29
85125	Chip	6083195	5 394655 ICA		Silica	PO	3x5m N-S trending exposure. Strong to intense x-cutting fractures. Cross cutting < 1mm sulhide vnlts. Silicious.	314.2	13.9	18.8	0.6	6.3	0.8	0.9	6.5	58
85126	Subcrop	6083192	2 394648 X	vuggy	Silica	PY	Wk He stain. Silicious, highly alt.ered ,rck.; Genetic Interpretation: Stockwork	52.2	214.4	1.3	0.6	4.1	0.7	2.2	15.7	61
85127	Subcrop	6083184	4 394676 IF	porphyritic	Limonite	PY	Well mineralized felsic intrusive. Wk Mo on frctures.	74.4	131.1	10.8	1.1	3.6	1.2	0.9	7.8	21

Sample	Norhting	Easting	Slope_Dip	Slope_Dir	Colour_Sediment	Comments	Ag_ppm	Ars_ppm	Au_ppb	Bi_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
43344	6084339	405199	1	North-East	brown		0.3	6.1	2.4	0.1	69.8	1.4	5.5	0.4	85
43345	6084269	405121	3	North-East	brown		0.2	10.5	2.2	0.2	43.1	5.1	8.2	1.4	152
43346	6084204	405046	10	South-West	brown		0.2	11.5	1.5	0.2	34.5	2.2	8.5	1.3	109
43347	6084130	404972	3	South-East	tan	Sample possibly till.	0.2	6.9	2.4	0.05	45	1.2	5.7	0.6	73
43348	6084067	404902	5	South-East	brown		0.5	6.8	1.2	0.1	120.5	1.5	7.4	0.7	108
43349	6084008	404823	3	South-East	brown		0.2	5.9	3.2	0.1	28.3	1.4	6.3	0.6	121
43350	6083946		3	South-East	tan		0.2	5.6	3.1	0.05	54.8	1.1	5.4	0.6	60
78004	6082798		10	West	brown	Down gradient of road, possible reworking.	0.3	21.8	1.9	0.4	14.2	1.5	16.4	1.8	96
78005	6082735		10	North-East	brown		0.5	46.1	6.8	0.4	46.7	1.8	28.2	2.4	168
78006	6082579	397921	10	West	reddish brown		0.2	46.6	5.8	0.5	22.1	2.1	32	2.9	209
78007	6082535			South-West	brown	And organics	0.1	35.4	4.4	0.3	27.3	1.8	20.4	2.4	146
78008	6082415		5	South-East	reddish brown		0.3	40.8	2.2	0.6	17.2	2.5	19.7	1.6	192
78009	6082870	398216	5	North-West	reddish brown		0.3	29.6	2	0.3	31.2	2	14.1	3.1	144
78010	6082931	398306	5	North-East	reddish brown		0.3	126.1	4.7	0.4	54.1	2.1	22	5.2	171
78012	6082998		5	West	brown	Cut-block, possible reworking.	0.5	22.1	2	0.3	39.2	1.6	15.3	1.7	124
78013	6083052		15	West	brown	Cut-block	0.4	36.5	4.8	0.4	31.9	2.3	18.7	3	137
78014	6083144	398523	5	North	reddish brown	Cut-block, reworking.	0.3	22.9	3.2	0.2	54.2	1.8	12.1	2	243
78015	6083225	398591	15	North-East	brown		0.2	17	1.6	0.2	20.6	2.7	12.2	2	110
78016	6083264	398673	15	North	brown		0.6	41	3.7	0.4	46.4	3.5	19.1	3.2	132
78017	6083413	398824	3	South	grey		0.1	5.9	1.8	0.4	11.6	0.8	7.6	0.5	88
78018	6083466		0		rusty		0.1	12.9	1.8	0.5	18.5	3.2	10.4	0.9	69
78019	6083526		0		brown		0.1	4.1	0.9	0.2	10.6	0.9	6.3	0.4	58
78450	6083881	404669	-	South-East	tan		0.2	6	1.6	0.05	38	1.3	6.8	0.5	92
78451	6083809		10	South-East	brown		0.3	5.6	2	0.1	24	1.2	6	0.6	261
78452	6083681	404436	6	South-East	brown	Very disturbed soil/till.	0.4	7.5	4	0.1	71.2	2.5	9.2	0.9	258
78453	6083613	404354	5	South-East	brown		0.2	11.4	1	0.2	36.3	1.9	8.4	0.9	177
78454	6083528	404277	2	South	tan	Sample taken from uprooted tree hole in a stream. Mainly silt. Creek is trickling south as well.	0.2	8.4	2	0.05	65.1	1.7	6.1	0.9	70
78455	6083474	404208	1	North-East	tan		1.5	6.8	0.7	0.1	34.5	2	7.8	0.7	110
78456	6083414	404135	1	South-East	brown		1	13.7	1.6	0.2	113.2	3.1	12.2	1.2	149
78457	6083337	404050	1	North-West	brown	Sediment has been reworked with heavy machinery.	0.1	9.3	2.3	0.05	59.1	2.1	7	1.3	71
78458	6083289	403977	0		brown		0.2	4	0.25	0.1	32.2	1.5	6.5	0.6	57
78459	6083208	403916	2	North-East	brown		0.6	4.5	0.25	0.05	76.3	2.3	7.9	0.7	132
78460	6083131	403848	2	North-West	brown		0.05	5.3	1	0.05	17.8	1.5	6.2	0.5	57

Sample	Northing	Easting	Comments	Cu_ppm	Mo_ppm	Au_ppb	Ag_ppm	Ars_ppm	Bi_ppm	Sb_ppm	Pb_ppm	Zn_ppm
43336	6081643	397990	All organic, sampled puddles in creek.	50.7	21.4	9.6	0.8	198.5	0.6	2.3	11.5	186
43337	6081686	398086	Sample taken upstream of bridge.	59.7	4.1	19.7	1.4	76.8	0.8	2	29.2	280
43338	6082588	398832		57.1	2.7	8	1.7	69.1	0.5	2.7	27.9	198
43339	6084224	396958	Creek is damp, looks like it may go underground. Sample is not sifted.	66.4	3	5.3	1	40.8	0.5	2.5	19.8	171
43341	6084383	398295	Sample taken in pool off road. Creek is damp, no flowing water. Sample may have influences from road.	70.1	1.7	3.5	0.5	15.6	0.2	1.8	9.1	607
43342	6084412	398557	Lots of organics, some sed may be from nearby road.	58.9	1.1	2.7	0.2	10.2	0.1	1.7	8.2	85
43343	6084747	398724	Creek running a bit too quickly in this section to deposit lots of silt.	55.6	1.1	4	0.2	8	0.05	0.8	5.9	73
78020	6083900	402710		56.8	1.7	3	0.2	7.3	0.05	0.8	5.9	86
78021	6083308	403451	Creek dry	87.5	1.8	2.7	0.3	9.2	0.1	1	6.8	101
78022	6083756	404193		52.5	1.4	2.7	0.05	7.2	0.05	0.9	5.4	58
78023	6083797	404620		61.4	1.4	2.6	0.3	7	0.05	0.6	5.7	90
78044	6077090	399188		26.8	1.6	3	0.2	15.2	0.1	1.8	7.5	108
78045	6078470	398132		20.9	1.3	10.3	0.05	9.6	0.1	1.1	5.5	72
78046	6079678	397363		22.9	0.7	3.5	0.05	10.9	0.1	0.9	4	98
78047	6080652	396574		34.8	2	5.8	0.4	31.6	0.6	1.3	14.2	144
78048	6081639	395250		44	3.2	7.2	0.3	65.2	0.9	1.6	9.2	188
78049	6083479	393804		35.1	2.4	3	0.1	11	0.1	0.6	4.8	129
78050	6084370	393519		21.6	0.6	1.4	0.1	10	0.05	0.7	4.6	71
78051	6084773	395047		27.6	0.8	3.1	0.3	24.4	0.05	1	11.7	178
78052	6084716	396135		27.9	1.8	3.9	0.4	38.9	0.5	1.3	14.6	453
78287	6084109	402421	Iskut style bush. Good quality slt from natural catchment.	67.3	1.9	3.9	0.2	9.2	0.05	0.8	6.7	101

