# VICTORY RESOURCES CORPORATION

(Owner & Operator)

## GEOLOGICAL ASSESSMENT REPORT

(Event 5450567)

on a

## **STRUCTURAL ANALYSIS**

Work done between March 19, 2013 and March 22, 2013

on

**Tenure 589859** 

of the 10 Claim

Toni 589859 Claim Group

## **TONI PROPERTY**

#### **Nicola Mining Division**

BCGS Map 092H.088/098

**Centre of Work** 5,528,760N, 684,555E

AUTHOR & CONSULTANT

Laurence Sookochoff, PEng

#### Sookochoff Consultants Inc.

BC Geological Survey Assessment Report 34285

Sookochoff Consultants Inc.

## TABLE OF CONTENTS

Summary
Introduction
Property Description and Location
Accessibility, Climate, Local Resources, Infrastructure
and Physiography
History: Property Area
092HNE029 – ANNIE OAKLEY
092HNE058 – HN-WEN
092HNE059 – ECHO
092HNE084 – PAYCINCI
092HNE089 – BUNKER HILL
092HNE144 – AU-WEN
092HNE180 – SHRIMPTON
CREEK PLACER
092HNE204 – POT 1
Geology: Regional
Geology: Property
Geology: Property Area
092HNE058 – HN-WEN
092HNE059 – ECHO
092HNE084 – PAYCINCI
092HNE089 – BUNKER HILL
092HNE096 – ELK
092HNE144 – AU-WEN
092HNE180 – SHRIMPTON
CREEK PLACER
092HNE204 – POT 1
092HNE275 – BREW
Mineralization: Property Area
092HNE058 – HN-WEN
092HNE059 – ECHO
092HNE084 – PAYCINCI
092HNE089 – BUNKER HILL
092HNE096 – ELK
092HNE144 – AU-WEN
092HNE180 – SHRIMPTON
CREEK PLACER
092HNE204 – POT 1
092HNE275 – BREW

## TABLE OF CONTENTS (cont'd)

Structural Analysis	23.
Interpretation & Conclusions	24.
Selected References	26.
Statement of Costs	27.
Certificate	28.

## ILLUSTRATIONS

Figure 1. Location Map	5.
Figure 2. Claim Location	6.
Figure 3. Claim Map	7.
Figure 4. Claim Map & Topography	9.
Figure 5. Geology, Claims, Index, & Minfile	12.
Figure 6. Elk Vein Zones	20.
Figure 7. Lineaments as Indicated Structures on Tenure 589859	22.
Figure 8. Rose Diagram from Lineaments of Figure 7	23.
Figure 9. Cross-structural locations on Google Earth	24.

## TABLES

Table 1	Toni-589859 Claim G	roup Tenures	6.
Table II	Approximate Location	n of Figure 5 & 7	
	Cross Structures		24.

#### SUMMARY

The 10 claim Toni 589859 Claim Group of the TONI property ("Property") covers an area of 3,204 hectares located 205 kilometres northeast of Vancouver and 30 kilometres southwest of Merritt. It is also located and in the midst of five past producing mines and one producing mine; the 130, 000 tonne per day Highland Valley Copper mine. The furthest from the Toni 589859 Claim Group is the Afton mine 82 kilometres to the north, whereas the nearest is the Elk mine seven kilometres east of the Toni 589859 Claim Group. Three of the five past producers are developed to a productive status. The closest to production is the Afton (New Afton) which is scheduled for production in 2014.

Minfile reports that production from the Elk past producer, was 1,518,777 grams (48,830 ounces) of gold and 1,903,000 grams (61,183 ounces) of silver recovered between 1992 and 1995. Gold-bearing pyrrhotite and polymetallic gold-silver mineralization are hosted primarily by parallel to subparallel east-northeast trending pyritic quartz veins and stringers in altered pyritic granitic and, less frequently, volcanic rocks.

Gold Mountain Mining Corporation, the present owner of the Elk property reports (2012 Corporate Presentation) on recent information at the Elk Property; past gold production at 51,460 ounces at 97 g/t (>3 opt) and an existing gold resource of 301,000 ounces gold in a measured and indicated category with 263,000 ounces of gold in an inferred category. The structural controls to the eight generally northerly aligned mineralized zones of the Elk property are indicated as controlled by the major northerly Elk (Siwash) fault and by a transverse easterly to northeasterly fault set (*Figure 5*).

As indicated by the BC government supported MapPlace geological maps, the Toni 589859 Claim Group is predominantly is underlain by the Eastern Nicola Group basaltic volcanic rocks (*uTrNE*) with a succession of Upper Triassic mudstone, siltstone, shale, and fine clastic sedimentary rocks (*UTrNsf*) within most of the western claim group, and a small portion of the late Triassic granodioritic intrusive (LTrJgd) occurring in contact with the Nicola Group in the north.

The Structural analysis on Tenure 589859 indicated two dominant structural trends: northerly and northwesterly. One or both of these two structural trends are significant in the area as mineral controlling structures to the Elk mineral zones, the Pot 1, and the Brew mineral showings. A dominant structure is also indicated as trending northwesterly which is a mineral controlling structure such as at the Brew showing.

The Kentucky-Alleyne fault system has associated numerous mineral prospects and showings, two of which (Paycinci; Bunker Hill) copied herein from the Minfile records report mineralization related to north-northwesterly structures.

Based on the results of the Tenure 589859 Structural Analysis, there are three localized areas of dominant structural intersections that are prospective areas to explore for surficial geological indicators of a potential sub-surface mineral resource. The 10 designated Minfile mineral showings, prospects, or past producers included in this report are a reference to potential mineral resource indicators that could occur on Tenure 589859 or on the Toni 589859 Claim Group.

## INTRODUCTION

In March, 2013 a structural analysis was completed on Tenure 589859 of the seven claim Toni 589859 claim group ("Property") of Victory's TONI property. The purpose of the program was to delineate potential structures which may be integral in geological controls to potentially economic mineral zones that may occur on Tenure 589859 or other claims of the Toni property.

Information for this report was obtained from sources as cited under Selected References and from work the author has performed on the Toni Property since 2006.



Figure 1. Location Map

## **PROPERTY DESCRIPTION AND LOCATION**

The Property is comprised of 10 contiguous claims covering an area of 3932.0755 hectares and located within BCGS Map 092H.088/.098 of the Nicola Mining Division, 205 direct kilometres northeast of Vancouver, 30 direct kilometres southwest of Merritt and 85 direct kilometres south of Kamloops.

The centre of the work area is at 5,528,760N, 684,555E (NAD 83). Particulars of the individual claims of the Toni 589859 Claim Group are as follows:

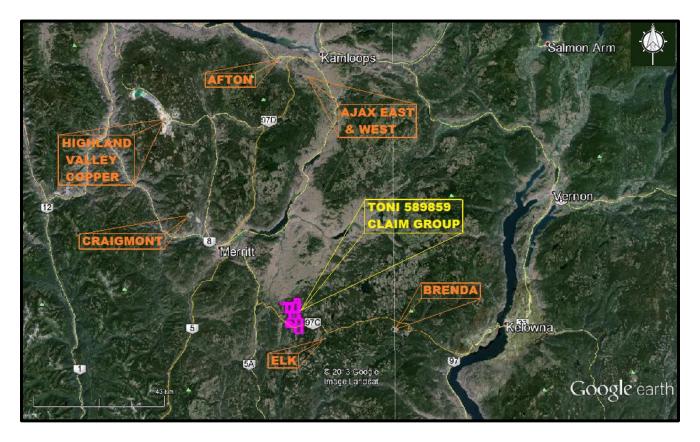
Table I. Te	nures of	Toni	589859	Claim	Group
		(From	ManPlace	2)	

		(From MapPlace)		
<u>Tenure</u> <u>Number</u>	Type	Claim Name	<u>Good Until</u>	<u>Area</u> (ha)
<u>520757</u>	Mineral	WEN	20140525	499.041
<u>582313</u>	Mineral	NEW WEN 2	20140315	166.3116
<u>589849</u>	Mineral	TONI 1	20140315	520.1029
<u>589852</u>	Mineral	TONI 3	20140315	520.307
<u>589859</u>	Mineral	TONI 8	20140415	520.5291
<u>591361</u>	Mineral	WIN 8	20140315	519.8243
<u>633143</u>	Mineral	WENA	20140315	415.8861
<u>855788</u>	Mineral	TONI 526	20140315	83.2594
998423	Mineral	BREW	20140315	520.2953
<u>1011631</u>	Mineral	BREW	20140315	166.5188

Total Area: 3932.0755 ha

\*Upon the approval of the assessment work filing, Event Number 5450567

#### Figure 2. Claim Location (From MapPlace & Google)



# ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE & PHYSIOGRAPHY

#### Access

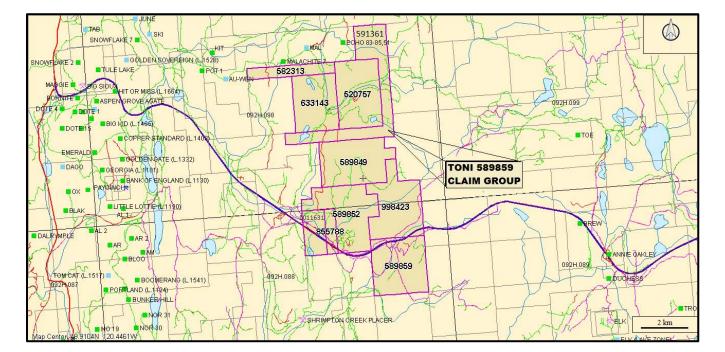
Access to the Property is southward from Merritt via Highway 5A/97C for 26 kilometres to the Aspen Grove junction thence eastward from via Highway 97C or the Coquihalla connector Highway for 13 kilometres to the western boundary Tenure 101163117 and the Property. At 16 kilometres the Loon Lake Junction is taken and a network of roads provides access to within two kilometres of any point on the Property.

#### Climate

The region is situated within the dry belt of British Columbia with rainfall between 25 and 30 cm per year. Temperatures during the summer months could reach a high of 35° and average 25°C with the winter temperatures reaching a low of -10° and averaging 8°. On the Property snow cover on the ground could be from December to April and would not hamper a year-round exploration program.

Sufficient water for all phases of the exploration program could be available from lakes and creeks which are located within the confines of the Property. Water may be scarce during the summer months and any water required for exploratory purposes, would be transported.

#### Figure 3. Claim Map



(Base Map from MapPlace)

#### Accessibility, Climate, Local Resources, Infrastructure, and Physiography (cont'd)

#### Local Resources and Infrastructure

Merritt, and/or Kamloops, historic mining centres could be a source of experienced and reliable exploration and mining personnel and a supply for most mining related equipment. Kamloops is serviced daily by commercial airline and is a hub for road and rail transportation. Vancouver, a port city on the southwest corner of, and the largest city in, the Province of British Columbia is three hours distant by road and less than one hour by air from Kamloops.

#### Physiography

The physiography of the Toni 589859 Claim Group is of gently rolling forested hills with a patchwork of logged areas. Elevations range from 1090 metres near the northwest corner to 1,585 metres in the northwest.

#### **HISTORY: PROPERTY AREA**

The history on some of the more selected significant mineral *MINFILE* reported showings, prospects, and past producers in the area of the 589859 Claim Group (*Figure 5*) are reported as follows. The distance from the Property is relative to the Tenure 589859 claim, which is the subject of the structural analysis.

#### ANNIE OAKLEY past producer (Volcanic redbed-Cu)

#### MINFILE 092HNE029

#### Eight kilometres east

This showing is hosted in variably silicified andesite of the Upper Triassic Nicola Group, 1.2 kilometres northwest of the Middle Jurassic Osprey Lake batholith.

The andesite is cut by a fault zone (Annie Oakley fault), striking 130 degrees and dipping 20 degrees south. This fault is possibly a splay off the Brew fault (see Brew, 092HNE275), 1.35 kilometres northwest. The zone is strongly clay altered and occasionally cut by quartz veins up to 6 centimetres wide. Trace to 1 per cent fine-grained pyrite is present within the fault.

#### **HN-WEN** prospect (Volcanic redbed Cu)

#### MINFILE 092HNE058

#### Seven kilometres north

Adits and trenches were initially cut around 1900; later work included diamond drilling and trenching in the 1960s and 1970s.

#### **ECHO** showing (Volcanic redbed Cu) MINFILE 092HNE059

#### Eight kilometres north

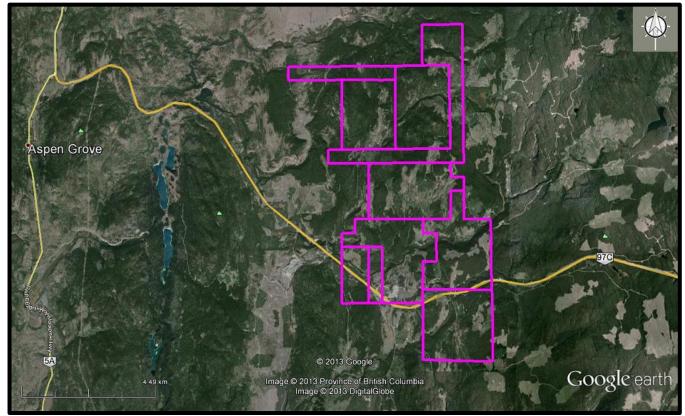
The Echo occurrence is hosted in the Upper Triassic Nicola Group, which regionally consists of alkalic and calcalkalic volcanics and intrusions of island arc origin, and which is the principal component of the Quesnel Terrane in southern British Columbia (Geological Survey of Canada Maps 41-1989, 1713A). This belt has been of major economic interest because of its potential for porphyry copper-gold mineralization.

The occurrence lies in the northern assemblage of the Eastern belt of the Nicola Group (after Preto, Bulletin 69). This assemblage mainly consists of well-bedded submarine volcaniclastic rocks and volcanic flows. The main Aspen Grove copper camp lies several kilometres to the west in the Central belt, separated by the north-striking Kentucky-Alleyne fault system (Bulletin 69).

History: Property Area (cont'd) ECHO showing (cont'd)

The area of the occurrence is underlain by augite porphyritic volcanic flows of andesitic to basaltic composition, and volcanic tuff and breccia (Assessment Report 1586; Geological Survey of Canada Map 41-1989). The volcanics may be affected by low grade propylitic and chloritic alteration. Less than 1 kilometre to the north of the occurrence is the east-striking contact of the Early Jurassic Pennask batholith, a large intrusion of medium-grained granodiorite to quartz diorite.

Figure 4. Toni 589859 Claim Group: Claim Map & Topography (Base Map from MapPlace & Google)



## **PAYCINCI** developed prospect (Volcanic redbed Cu) MINFILE 092HNE084

#### Ten kilometres west-northwest

The Cincinnatti deposit was first explored by the Bates brothers in the early 1900s. A number of trenches, and one adit 120 metres long, were excavated between 1899 and 1913. Payco Mines Ltd. and Alscope Consolidated Ltd. conducted geological and geophysical surveys, trenching and diamond and percussion drilling between 1963 and 1967. An additional 15 holes totalling 1000 metres were drilled by Gold River Mines and Enterprises Ltd. in 1973 and Sienna Developments Ltd. in 1979. The deposit was most recently sampled by Pacific Copperfields Ltd. in 1992.

In 1998, Christopher James Gold Corp. optioned the property. Reserves are estimated at 1.8 million tonnes grading 1 per cent copper (Tom Schroeter, 1998).

History: Property Area (cont'd)

**BUNKER HILL** showing (Volcanic redbed Cu) MINFILE 092HNE089 Ten kilometres west

The Bunker Hill showing is 1.05 kilometres west-southwest of the north end of Bluey Lake and 2.25 kilometres southwest of the south end of Kentucky Lake.

ELK past producer (Intrusion-related Au pyrrhotite veins; Polymetallic veins Ag-Pb-Zn +/-Au; Au-quartz veins) MINFILE 092HNE096 Seven kilometres east

From 1992 and 1995 (inclusive), 16,570 tonnes of ore were mined and milled and 1,518,777 grams (48,830 ounces) of gold and 1,903,000 grams (61,183 ounces) of silver recovered.

In 1996, Fairfield shipped all remaining stockpiles, estimated to contain 2700 tonnes and grading greater than 12 grams per tonne (Information Circular 1997-1, page 21). A total of 994 metres of ramp access and three development levels exist underground.

*Reverse circulation drilling, underground diamond drilling, reclamation, road construction, water sampling and aerial photography were also undertaken during this period.* 

Surface and underground diamond drill programs were carried out in the Siwash Mine area from 1994 to 1996 to define the resource. Exploration surface drilling was also carried out during the 1995 and 1996 field seasons to test trench targets between the Siwash mine site and the South Showing area 2.5 kilometres to the south. Limited prospecting and environmental monitoring was undertaken from 1997 to 1999.

In 1995, Fairfield Minerals with the support from the Explore B.C. Program carried out an extensive program including geochemistry, 13,972 metres of surface and underground diamond drilling in 315 holes and reserve calculations.

**AU-WEN** prospect (Intrusion-related Au pyrrhotite veins; Polymetallic veins Ag-Pb-Zn+/-Au) MINFILE 092HNE144

Seven kilometres north

Work on this showing dates back to the 1930s when visible gold was discovered in soil.

#### **SHRIMPTON CREEK PLACER** past producer (Surficial placers)

MINFILE 092HNE180

#### Three kilometres west-southwest

The creek was worked by F. Keeling in 1939, between 6.4 and 8 kilometres above Missezula Lake.

## POT 1 showing (Volcanic redbed Cu)

## MINFILE 092HNE204

#### Ten kilometres north-northwest

The Pot 1 occurrence is a showing of gold-silver-copper mineralization, just east of the historical Aspen Grove copper camp, between Merritt and Princeton. The occurrence is located 1.1 kilometres northeast of Pothole Lake, between Quilchena and Pothole creeks, 7 kilometres east-northeast of the community of Aspen Grove.

Sookochoff Consultants Inc.

## **GEOLOGY: REGIONAL**

The Aspen Grove geological district is located within the regional Quesnel Trough, a 30 to 60, km wide belt of Lower Mesozoic volcanic and related strata enclosed between older rocks and much invaded by batholiths and lesser intrusions (Campbell and Tipper, 1970). The southern part is the well-known Nicola belt, continuing nearly 200 km to its termination at the U.S. border and containing the important copper deposits of the Highland Valley, Craigmont, Copper Mountain, Afton, Brenda, in addition to the historic Hedley gold camp.

The Nicola Group has been divided into western, central, and eastern belts on the basis of lithology and lithogeochemistry and by major fault systems. Variation from calc-alkaline to shoshinitic compositions from west to east has been interpreted to reflect eastward dipping subduction in the Nicola arc.

The eastern belt of the Nicola Group is in a fault contact with the central belt of the Nicola Group. The fault is the northerly striking Kentucky-Alleyne fault zone and is within six kilometres west of the Property.

## **GEOLOGY: PROPERTY**

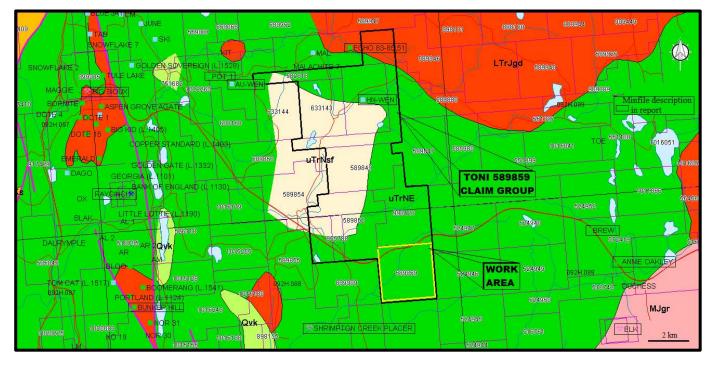
As indicated by the BC government supported MapPlace geological maps, the Property predominantly is underlain by the Eastern Nicola Group basaltic volcanic rocks (*uTrNE*) with a succession of Upper Triassic mudstone, siltstone, shale, and fine clastic sedimentary rocks (*UTrNsf*) within most of the western claim group, and a small portion of the late Triassic granodioritic intrusive (LTrJgd) occurring in contact with the Nicola Group in the north.

## **GEOLOGY: PROPERTY AREA**

The geology on some of the more selected significant mineral *MINFILE* reported showings, prospects, and past producers peripheral to the Property (*Figure 5*) are reported as follows. The distance from the Property is relative to the Tenure 589859 claim, which is the subject of the structural analysis.

## Figure 5. Geology, Claims, Index, & Minfile

(Base Map from MapPlace)



Sookochoff Consultants Inc.

## **GEOLOGY MAP LEGEND**

#### **Pleistocene to Holocene**

Qvk

Unnamed alkalic volcanic rocks

#### **Upper Triassic: Nicola Group**

**Eastern Volcanic Facies** uTrNE

lower amphibolite/kyanite grade metamorphic rocks

uTtNsf

mudstone, siltstone, shale, fine clastic sedimentary rocks

uTrNMl

basaltic volcanic rocks

uTrJum unnamed ultramafic rocks

**Central Volcanic Facies** 

uTrNc

andesitic volcanic rocks

#### Late Triassic to Early Jurassic

LTrJgd

unnamed granodiorite intrusive rocks

LTrJdr

dioritic to gabbroic intrusive rocks

#### Geology: Property Area (cont'd)

**HN-WEN** prospect (Volcanic redbed Cu) MINFILE 092HNE058 Seven kilometres north

The HN-WEN occurrence is hosted in the Upper Triassic Nicola Group, which regionally consists of alkalic and calcalkalic volcanics and intrusions of island arc origin, and which is the principal component of the Quesnel Terrane in southern British Columbia (Geological Survey of Canada Maps 41-1989, 1713A). This belt has been of major economic interest because of its potential for porphyry copper-gold mineralization.

*The occurrence lies in the northern assemblage of the Eastern belt of the Nicola Group (after Preto, Bulletin 69).* 

This assemblage mainly consists of well-bedded submarine volcaniclastic rocks and volcanic flows. The main Aspen Grove copper camp lies several kilometres to the west in the Central belt, separated by the north-striking Kentucky-Alleyne fault system (Bulletin 69).

The area of the occurrence is underlain by augite porphyritic volcanic flows of andesitic to basaltic composition, fragmental rocks including tuff and breccia, and argillites (Assessment Reports 1586, 4230). The argillites are dark grey to black, well bedded, and locally limy. They are somewhat carbonaceous and pyritic. Minor rock types present include feldspar porphyry and locally lenses of diorite. About 2.5 kilometres to the northeast is the contact with the Early Jurassic Pennask batholith, a large intrusion of medium-grained granodiorite to quartz diorite.

The contact between the volcanic rocks and the argillites passes through the centre of the mineralized area. The contact is parallel to bedding, striking 130 degrees and dipping 40 degrees southwest, with the volcanic rocks on the northeast side (Assessment Report 4230).

#### Geology: Property Area (cont'd)

## ECHO showing (Volcanic redbed Cu) MINFILE 092HNE059

#### Eight kilometres north

Chalcopyrite and malachite are present in trenches and open-cuts in volcanics over an area 1000 by 800 metres. Chalcopyrite is disseminated, or concentrated in quartz-calcite veins (Assessment Report 1586). The Echo occurrence lies directly along the strike of prominent fractures which host significant copper-silver mineralization at the HN-WEN occurrence (092HNE058), 2 kilometres to the south-southeast (Assessment Report 4230).

## **PAYCINCI** developed prospect (Volcanic redbed Cu) MINFILE 092HNE084

#### Ten kilometres west-northwest

The deposit is located in the southern portion of an area of hilly upland situated in the centre of the Aspen Grove copper camp, known as the Fairweather Hills. The Fairweather Hills region is underlain by the Central volcanic facies of the Upper Triassic Nicola Group, comprising intermediate, feldspar and feldspar augite porphyritic pyroclastics and flows, and associated alkaline intrusions. The intrusions vary from diorite to monzonite in composition and are thought to be comagmatic with the Nicola Group, ranging in age from Late Triassic to Early Jurassic.

Locally, the area is underlain by red and green laharic breccias, augite andesite porphyry and minor sediments of the Nicola Group (Central belt, Bulletin 69). The units generally strike north-northwest and dip east. This sequence is broken up into a series of tilted fault blocks trending north.

#### BUNKER HILL showing (Volcanic redbed Cu)

#### MINFILE 092HNE089

#### Ten kilometres west

Several trenches and old pits expose chalcocite, bornite, chalcopyrite, pyrite, malachite and azurite in brecciated and altered pyroxene plagioclase porphyritic andesite of the Upper Triassic Nicola Group (Central belt, Bulletin 69). Brown carbonate (?) alteration is associated with sulphide mineralization **ELK** past producer (Intrusion-related Au pyrrhotite veins; Polymetallic veins Ag-Pb-Zn

#### +/-Au; Au-quartz veins)

#### MINFILE 092HNE096

#### Seven kilometres east

The Elk property is underlain by Upper Triassic volcanics and sediments of the Nicola Group and by Middle Jurassic granites and granodiorites of the Osprey Lake batholith. The contact between these units trends northeasterly across the property. Early Tertiary feldspar porphyry stocks and dikes of the Otter intrusions occur throughout the property. The western property area is underlain by steeply west-dipping andesitic to basaltic flows, agglomerates, tuffs and minor siltstone and limestone units of the Nicola Group. The eastern half of the property is underlain by granitic rocks of the Osprey Lake batholith.

#### Geology: Property Area (cont'd)

**AU-WEN** prospect (Intrusion-related Au pyrrhotite veins; Polymetallic veins Ag-Pb-Zn+/-Au) MINFILE 092HNE144

#### Seven kilometres north

The occurrence lies in the northern assemblage of the Eastern belt of the Nicola Group (after Preto, Bulletin 69). This assemblage mainly consists of well-bedded submarine volcaniclastic rocks, ranging from tuffaceous volcanic siltstones characteristic of the lower part, to coarse volcanic conglomerate and laharic breccias in the upper part.

The AU occurrence is centred on the main gold showing, a small stripped, drilled and trenched area just off a gravel road south of Quilchena Creek (Assessment Reports 5766, 16008).

This and most of the surrounding area is underlain by andesitic to dacitic tuff, cherty tuff, black argillite, and volcanic sandstone and siltstone. The rocks are strongly fractured in a variety of orientations. Bedding in the tuff has been measured to strike 060 degrees and dip 54 degrees northwest, but it varies.

About 1 kilometre to the north of the main showing is biotite hornblende granodiorite and quartz monzonite of the Early Jurassic Pennask batholith, and about 500 metres to the west are porphyritic andesitic and basaltic volcanic rocks (Bulletin 69; Assessment Report 16008). Small bodies of diorite and micromonzonite, possibly subvolcanic, are quite common in the area, on the surface and in drill core (Assessment Report 16008). Some of the volcanics have sustained carbonate and epidote alteration, and locally they have pervasive hematite (Assessment Report 16008).

#### **SHRIMPTON CREEK PLACER** past producer (Surficial placers)

#### MINFILE 092HNE180

#### Three kilometres west-southwest

Shrimpton Creek flows southwest from its headwaters immediately south of The Wart for 10 kilometres. The creek continues south- southwest for 6 kilometres before entering Missezula Lake, 38.5 kilometres north of Princeton. Most of the creek flows through a broad, gently sloping valley, which steepens somewhat in the lower 4 kilometres.

## $POT \ 1$ showing (Volcanic redbed Cu)

#### MINFILE 092HNE204

#### Ten kilometres north-northwest

The Pot 1 occurrence is hosted in the Upper Triassic Nicola Group, which regionally consists of alkalic and calcalkalic volcanics and intrusions of island arc origin, and which is the principal component of the Quesnel Terrane in southern British Columbia (Geological Survey of Canada Maps 41-1989, 1713A). This belt has been of major economic interest because of its potential for porphyry copper-gold mineralization.

The occurrence lies in the northern assemblage of the Eastern belt or facies of the Nicola Group (after Preto, Bulletin 69). This assemblage mainly consists of alkalic volcanic flows and well bedded submarine volcaniclastic rocks, ranging from tuffaceous volcanic siltstones characteristic of the lower part, to coarse volcanic conglomerate and laharic breccias in the upper part.

#### Geology: Property Area (cont'd)

Pot 1 showing (cont'd)

The assemblage is characterized by a paucity of intrusive rocks in comparison to the main Aspen Grove copper camp in the Central belt a few kilometres to the west, separated by the Kentucky-Alleyne fault system (Bulletin 69).

The area of the Pot 1 occurrence is underlain by purple to grey-green augite plagioclase porphyritic andesite to basalt (or trachyandesite and trachybasalt) (Bulletin 69; Preliminary Map 15). Minor volcanic siltstone, wacke and tuff may be present (Assessment Report 13714). These rocks are intruded by northwest-striking dikes of granodiorite to quartz monzonite. The volcanic rocks at the showing are highly fractured and altered with epidote, quartz-carbonate veins, and minor hematite (Assessment Report 13714).

minor disseminated molybdenite. The intrusive is also fractured to some extent, with one prominent set striking 055 to 070 degrees and dipping steeply southeast.

#### **BREW** showing (Alkalic porphyry Cu-Au; Subvolcanic Cu-Ag-Au; As-Sb) MINFILE 092HNE275

#### Seven kilometres east

This occurrence is hosted in volcanics and minor sediments of the Upper Triassic Nicola Group, 2.6 kilometres northwest of the Middle Jurassic Osprey Lake batholith. The volcanics consist primarily of andesite and fine-grained diorite. The contact between the two units is gradational, suggesting the diorite may be a subvolcanic equivalent of the andesite. Minor tuffs, lapilli tuffs, agglomerates, and feldspar porphyritic andesite are also present. The sediments consist of mudstone, siltstone, shale, and rare carbonate, intercalated with the pyroclastic units.

A major fault zone, the Brew fault, striking 140 degrees and dipping steeply southwest, is exposed along the Coquihalla Highway for 600 metres.

The zone is approximately 40 metres wide. It is somewhat gossanous and exhibits carbonate and clay alteration and sporadic silicification. Some quartz +/- calcite stringers and blebs are present but not common. Pyrite is ubiquitous along the entire fault. Sections of the zone are strongly mineralized with massive veins, narrow stringers and occasional disseminations of marcasite, pyrite and pyrrhotite. Samples of pyritic clay-altered sections have yielded up to 0.280 gram per tonne gold and 0.445 per cent arsenic (Assessment Report, 18041, page 8, samples 128665, 44719)

A sample from a zone of quartz stringers analysed 0.600 gram per tonne gold (sample 239716).

This fault is traversed by several significant fault/shear zones striking 100 to 120 degrees. One major crossfault, the Mugwump fault, is exposed west of the Brew fault, striking 100 degrees and dipping 60 degrees south.

## MINERALIZATION: PROPERTY AREA

The mineralization on some of the more selected significant mineral *MINFILE* reported showings, prospects, and past producers peripheral to the Property (Figure 5) are reported as follows. The distance from the Property is relative to the Tenure 589859 claim, which is the subject of the structural analysis.

#### **HN-WEN** prospect (Volcanic redbed Cu) MINFILE 092HNE058

#### Seven kilometres north

The mineralization is restricted to the volcanics. It is exposed in 3 adits and at least 8 trenches, and is marked by alteration, mainly epidotization, silicification, carbonatization, moderate chloritization and local pyritization. Chalcopyrite is the only copper mineral: it is disseminated, or concentrated in quartz and calcite veins and veinlets between 0.3 and 30 centimetres thick, usually about 8 centimetres thick. Pyrite, pyrrhotite and rare specular hematite are also present in the veins. Locally oxidation has produced abundant malachite, azurite and limonite.

The mineralized zone measures 760 by 90 metres and has a depth of about 75 metres. Diamond drilling indicates that it strikes 160 degrees and dips vertically or steeply east, so it is not parallel to the volcanic-sedimentary contact, indicating that the contact is not the controlling factor.

Rather, the veins hosting the mineralization are structurally controlled by numerous faults and fractures which consistently strike 160 degrees and dip 85 degrees east (Assessment Report 4230). Incidentally, the Echo occurrence (092HNE059) lies on this trend, 2 kilometres to the north-northwest, and the mineralization may also extend south-southeast of the HN-WEN occurrence (Assessment Report 4230).

Some significant copper and silver values have been obtained from the workings and diamond drill core. A 1.5-metre chip sample from Adit Number 1 was assayed at 4.39 per cent copper, 92.6 grams per tonne silver, and 0.7 gram per tonne gold (Assessment Report 4230).

A grab sample from here was assayed at 4.84 per cent copper, 46.6 grams per tonne silver and 0.7 gram per tonne gold (Assessment Report 4230). Both samples were from oxidized material and may not be representative of grade throughout the deposit (Assessment Report 4230). A drill core sample (hole HNS 72-1) assayed 1.12 per cent copper and 3.4 grams per tonne silver (Assessment Report 4230).

The average grade of the whole deposit has been estimated at 0.08 per cent copper, with a generally low gold and silver content (Assessment Report 4230).

ECHO showing (Volcanic redbed Cu) MINFILE 092HNE059 Eight kilometres north

Chalcopyrite and malachite are present in trenches and opencuts in volcanics over an area 1000 by 800 metres. Chalcopyrite is disseminated, or concentrated in quartz-calcite veins (Assessment Report 1586). The Echo occurrence lies directly along the strike of prominent fractures which host significant copper-silver mineralization at the HN-WEN occurrence (092HNE058), 2 kilometres to the south-southeast (Assessment Report 4230).

## PAYCINCI developed prospect (Volcanic redbed Cu) MINFILE 092HNE084

#### Ten kilometres west-northwest

Hypogene and supergene copper mineralization occurs in green laharic breccia, near the contact with red laharic breccia to the east. This mineralization consists primarily of disseminated and fracture controlled chalcocite and native copper, accompanied by lesser malachite and azurite, and minor chalcopyrite, bornite, cuprite and pyrite. Drilling indicates chalcopyrite becomes more abundant at depth at the expense of chalcocite. This mineralization is exposed along the crest and east flank of a small northerly trending ridge, over a north-south distance of 400 metres.

Drill indicated reserves are 54,000 tonnes grading 0.876 per cent copper (Assessment Report 7654, page 1). Precious metal values are generally low. Six rock samples analysed 1.1 to 2.4 per cent copper, 0.005 to 0.010 gram per tonne gold and 1.3 to 5.7 grams per tonne silver (Assessment Report 14108, Figure 5, samples 2051 to 2056). One chip sample taken along a trench yielded 0.89 per cent copper over 49 metres (George Cross News Letter No. 90 (May 8), 1992).

#### **BUNKER HILL** showing (Volcanic redbed Cu)

#### MINFILE 092HNE089

#### Ten kilometres west

Copper mineralization is also found 470 metres east-southeast of the trenches, in red volcanic breccia and lahar deposits. Four rock samples analysed 0.229 to 0.857 per cent copper (Assessment Report 14141, Figure 5b, samples 2211, 2285, 2286, 2289).

#### ELK past producer (Intrusion-related Au pyrrhotite veins; Polymetallic veins Ag-Pb-Zn

#### +/-Au; Au-quartz veins)

#### MINFILE 092HNE096

#### Seven kilometres east

Gold-silver mineralization on the Elk property is hosted primarily by pyritic quartz veins and stringers in altered pyritic granitic and, less frequently, volcanic rocks. Crosscutting relationships indicate that the veins are Tertiary in age; they may be related to Tertiary Otter intrusive events.

To date, mineralization has been located in four areas on the Elk property: Siwash North, South Showing (092HNE261), North Showing (092HNE281) and Siwash Lake (092HNE041, 295).

The Siwash Lake zone is 800 metres south of the Siwash North deposit; the North Showing and South Showing areas are 2 and 3 kilometres south of Siwash North respectively.

In the Siwash North area, gold occurs in veins measuring 5-70 centimetres wide, hosted by a zone of strongly sericitic altered granite and, in the west, volcanic rocks. In general, the mineralized zone trends east-northeast with southerly dips from 20-80 degrees (from east to west), and appears to be related to minor shearing. Quartz veining occurs in a number of parallel to subparallel zones. Each zone consists of one or more veins within an elevation range of 5 to 10 metres that can be correlated as a group to adjacent drill holes. In the eastern parts of the area, up to six subparallel zones occur. Five of these zones are consistent enough to be labelled the A, B, C, D and E zones.

#### ELK past producer (cont'd)

Mineralization in the west has been identified in one or locally two zones (the B and C zones). The main mineralized zone (B) is consistent, with only minor exceptions, across the entire drill grid.

*The Siwash North structure has been tested to 335 metres down dip and along a strike length of 925 metres. The zone remains open to depth and along strike.* 

At surface, supergene alteration has leached out most of the sulphides with some pyrite and chalcopyrite remaining. Mineralization occurs primarily as native gold, occasionally as spectacular aggregates of coarse flakes in frothy quartz (strong pyrite boxwork) or in fractures in the vein. Electrum was noted in one area as very coarse-grained flakes associated with strong manganese staining. Gold is rarely seen in boxworks in sericitic (phyllic) alteration.

In drill core, mineralization has not been affected by supergene processes. Metallic minerals in drill core include pyrite, chalcopyrite, sphalerite, galena, tetrahedrite, maldonite? pyrrhotite and native gold in order of decreasing abundance. Gold is strongly associated with pyrite and with a blue-grey mineral. Photomicrographs show the gold commonly in contact with this mineral, which may be a gold-bismuth alloy (maldonite?) or a copper-bismuth-antimony sulphosalt.

Gangue mineralogy consists primarily of quartz and altered wallrock fragments. Ankerite is commonly present, with lesser amounts of calcite. Minor barite is also present. Fluorite was noted in one vein as very small (less than 1 millimetre) zoned purple cubes scattered in the quartz.

Stronger alteration generally accompanies higher grade gold mineralization. Seven main types of alteration were recognized in the granitic rocks throughout the property: propylitic, argillic, sericitic, potassium feldspar stable phyllic, phyllic, advanced argillic and silicic. Locally, potassic alteration, skarnification and silicification are evident, but are relatively minor and do not appear to be related to mineralization.

Propylitic alteration is generally light green with biotite and hornblende altered to chlorite, and plagioclase is saussuritized. In volcanics, the colour is generally olive green, and the rock is soft. Argillic alteration is exemplified by bleached rock, with plagioclase white and clay-altered; potassium feldspar is slightly altered.

Volcanics are bleached to light green or grey. Sericitic alteration is typically pale green with a micaceous sheen, with plagioclase altered to sericite; trace disseminated pyrite may be present. This type of alteration is often associated with quartz veins and appears to be the lowest grade alteration associated with gold mineralization. It is not recognized in volcanics.

Potassium feldspar stable phyllic alteration is light pink, green or yellowish with potassium feldspar fresh and pink and blocky. Plagioclase and mafic minerals are altered to fine-grained quartz-sericite-pyrite. It often occurs with veins and is associated with gold mineralization; it is not recognized in volcanics.

Phyllic alteration is generally grey, fine-grained quartz-sericite-pyrite alteration usually associated with veins and often gradational to quartz and often auriferous. Advanced argillic alteration is exemplified by most or all of feldspar being destroyed, quartz is "free-floating". The alteration is often sheared and white in colour and is often associated with quartz veins.

ELK past producer (cont'd)

Volcanics are white or blue coloured. Silicic alteration is quartz veining or replacement that is hard with moderate conchoidal fracture. There is a strong symmetrical zoning of alteration around the quartz veins: vein-advanced argillic-phyllic-potassium feldspar stable phyllic-argillic-propylitic.

Measured geological reserves of the Siwash North deposit are 308,414 tonnes grading 22.17 grams per tonne gold and 24.68 grams per tonne silver using a cutoff grade of 10 grams per tonne gold.

Reserves are based on results from 107 drillholes at 50-metre grid spacings along 804 metres of strike length to 304 metres downdip. All veining intercepts have been adjusted for true width and assays diluted to 2-metre mining widths (George Cross News Letter No. 223 (November), 1991).

The revised drill indicated reserve, based on more realistic open pit and underground mining widths of 0.39 to 0.79 metre with a 20.5 grams per tonne gold cutoff grade, is 122,458 tonnes averaging 54.5 grams per tonne gold (George Cross News Letter No. 65 (April 2), 1993).

Surface drilling was done on fences 10-50 metres apart, underground drilling on fences 10 metres apart. Reserve calculations by the company and consultant Roscoe Postle gave the following results (Explore B.C. Program 95/96 - A38):

Probable (undiluted) 16,991 tonnes at 28,200 tonnes at 50.2 g/t gold 26.6 g/t gold

Possible (undiluted) 50,260 tonnes at 66,400 tonnes at 42.0 g/t gold 31.4 g/t gold

The 1996 exploration program consisted of 6873 metres of drilling in 91 holes. The Siwash zone has been traced along a 914 metre strike length and downdip to 245 metres.

*Reserves estimated by the company at January 1, 1996 were 121,350 tonnes grading 25.4 grams per tonne gold and 35.3 grams per tonne silver.* 

These include a diluted, probable open-pit resource of 11,340 tonnes grading 58.97 grams per tonne gold, an underground probable resource below the open pit of 20,225 tonnes grading 26.74 grams per tonne gold, and a further possible underground resource of 89,790 tonnes grading 23.66 grams per tonne gold (Information Circular 1997-1, page 21).

Surface diamond drilling totaling 1413.96 metres in 12 holes was completed on the Siwash Mining lease during 2000 testing the B, WD and Gold Creek West (GCW) zones.

A trenching program was carried out in 2001 in the Siwash East Area consisting of six trenches totaling 202 meters. Almaden Resources and Fairfield Minerals Ltd. merged into Almaden Minerals Ltd. in February, 2002.

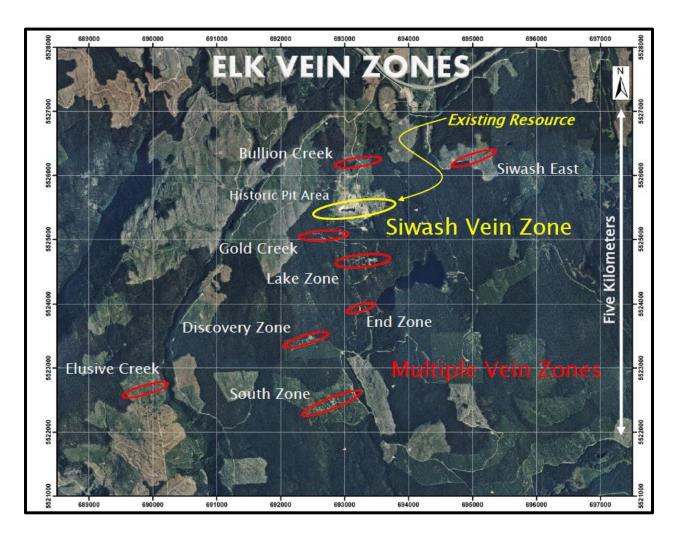
In 2002, Almaden undertook a 26 hole surface diamond drill program for a total of 4995.67 metres testing the B, WD, GCW and Bullion Creek zones. During the 2003 field season a 6570 metre, 30 hole, diamond drill program was carried out by Almaden in the Siwash North area testing the WD zone. The WD vein system is located approximately 100 metres north of the Siwash B zone vein and has been tested over a strike length of 610m and down dip for 380m.

By the end of May 2004, a total of eight mineralized veins had been discovered on the property. Four vein systems had been drilled in the Siwash area: the B system with a strike length of 900 m has been tested down dip to 320 m; the WD zone with a strike length of 650 m has been tested to 370 m down dip; the GCW zone with a strike length of 300 m has been tested to 130 m down dip and the Bullion Creek (BC) zone which has been tested with two holes to a depth of 75 m.

ELK past producer (cont'd)

*Figure 6.* Elk Mineral Zones showing the indicated localized association to structural intersections of the major north trending Elk or Siwash fault and a subsidiary set of easterly to northeasterly trending faults.

(Map from Gold Mountain Mining Corporation January 2012 Corporate Presentation)



A new 43-101 compliant resource was calculated using drill data for the Siwash B and WD veins, just two of eight known mesothermal vein structures on the property.

Global (bulk-tonnage and underground mineable) measured and indicated resources were reported to total 668,300 tonnes grading 9.66 grams per tonne gold (207,600 ounces) plus an additional 1,317,200 tonnes grading 4.91 grams per tonne gold (207,800 ounces) in the inferred category (News Release, Almaden Minerals Limited, May 28, 2004).

ELK past producer (cont'd)

Included in the global figures is a higher grade, underground-mineable resource totaling 164,000 tonnes grading 33.69 g/t gold in the measured and indicated category, plus another 195 200 tonnes grading 16.38 g/t gold in the inferred category.

In 2004 a diamond drill program consisting of 10,265 meters of NQ drilling in 44 holes was completed. As reported by Almaden in 2001, a possible extension to the B and WD vein systems was found roughly two kilometres along strike to the east, on the other side of an area of overburden cover and no outcrop, as part of a trenching program. Grab samples of the vein material taken at surface returned averaged analyses of 31.6 grams per tonne gold and 104.4 grams per tonne silver (News Release, Almaden Minerals Limited, March 4, 2005. This discovery added about two kilometres of prospective, unexplored strike length to the high-grade vein system.

**AU-WEN** prospect (Intrusion-related Au pyrrhotite veins; Polymetallic veins Ag-Pb-Zn+/-Au) MINFILE 092HNE144

#### Seven kilometres north

Pyrite, pyrrhotite, chalcopyrite and arsenopyrite are disseminated sporadically in the tuffaceous rocks and argillite, up to about 1 per cent, and also occur in fractures (Assessment Reports 11241, 16008). Native gold is associated with the sulphides in narrow quartz-filled fractures in these rocks (Assessment Report 16008). Minor malachite occurs in volcanics.

The overall extent of the mineralization has not been determined, although diamond drilling has demonstrated that minor pyrite, pyrrhotite and chalcopyrite, disseminated or associated with quartz or calcite fracture veinlets, does persist below the surface (Assessment Reports 11241, 16008).

Gold values in the area are generally low, but high values have been obtained from trench sampling and drill core at the main showing. Significant gold assays in chip samples range from 6.8 grams per tonne over 5.1 metres to 10.8 grams per tonne over 4.9 metres (Assessment Report 16008).

Grab and select samples assayed between 14.4 and 91 grams per tonne gold (Assessment Reports 5766, 16008). The best drill core intersection assayed 4.97 grams per tonne gold over 1.5 metres (Assessment Report 16008).

Copper is associated with the gold mineralization; one rock sample from the main trench yielded 0.29 per cent copper (Assessment Report 7293). Another sample yielded 26 grams per tonne silver and 0.14 per cent lead (Assessment Report 7293). Silver in diamond drill core is generally under 1 gram per tonne (Assessment Report 11241).

#### SHRIMPTON CREEK PLACER past producer (Surficial placers)

#### MINFILE 092HNE180

#### Three kilometres west-southwest

Particles of flat, well-worn, flaky gold, 1.5 to 3 millimetres in diameter, were recovered from unsorted glacial material. Most of the gold was found near surface. Material lying on or near bedrock was found to be barren of gold.

**POT 1** showing (Volcanic redbed Cu) MINFILE 092HNE204 Ten kilometres north-northwest

#### **Pot 1** showing (cont'd)

Mineralization comprises erratically disseminated chalcopyrite, malachite, azurite and pyrite (Preliminary Map 15; Assessment Report 13714). The copper minerals occur in narrow zones striking southwest, transverse to the regional strike but parallel to a fault 1 kilometre to the northwest (Bulletin 69).

Individual rock samples from the showing were analysed at up to 0.95 gram per tonne gold and 4.8 grams per tonne silver (Assessment Report 13714). A composite chip sample across the showing was analysed at 2.55 grams per tonne gold and 1.9 grams per tonne silver over 130 metres (Assessment Report 13714, Drawing No. 2, sample W301). Gold and silver values appear to be proportional to the degree of alteration and copper mineralization (Assessment Report 13714). Mineralization comprises erratically disseminated chalcopyrite, malachite, azurite and pyrite (Preliminary Map 15; Assessment Report 13714).

#### **BREW** showing (Alkalic porphyry Cu-Au; Subvolcanic Cu-Ag-Au; As-Sb) MINFILE 092HNE275

#### Seven kilometres east

The zone has been traced on surface for 400 metres and is 30 to 40 centimetres wide. It is comprised of strongly gossanous clay and fault gouge containing 1 to 2 per cent pyrite. Quartz and quartz-calcite stringers and quartz blebs occur sporadically throughout the zone. A sample of quartz vein material yielded 0.14 gram per tonne gold and 14.4 grams per tonne silver (Assessment Report, 18041, page 8, sample 239774).

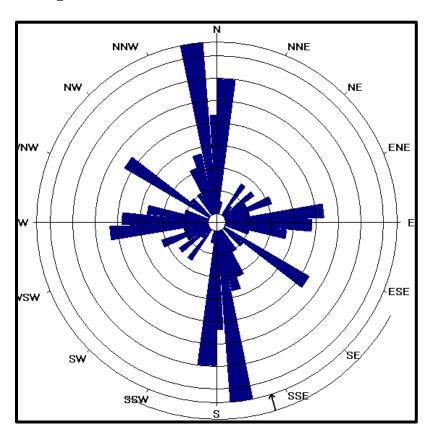


Figure 7. Lineaments as Indicated Structures on Tenure 589859

#### STRUCTURAL ANALYSIS

The structural analysis was performed on a MapPlace hillside shade map of Tenure 589859 by viewing of the map and marking the lineaments, or indicated structures, thereon. A total of 92 lineaments were marked (*Figure 7*), compiled into a 10 degree class interval, and plotted as a Rose Diagram as indicated on *Figure 8*.

Figure 8. Rose Diagram from indicated structures (lineaments) of Figure 7.

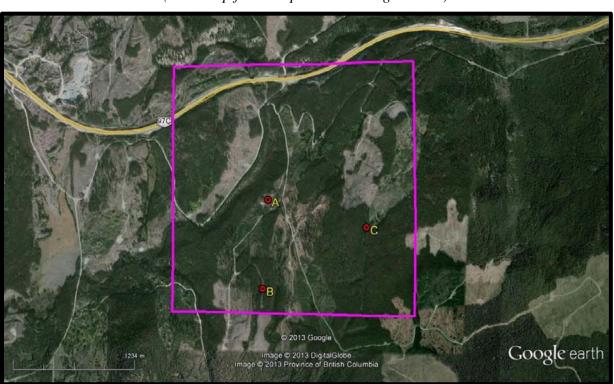


## **STATISTICS**

Axial (non-polar) data No. of Data = 92Sector angle =  $8^{\circ}$ Scale: tick interval = 2% [1.8 data] Maximum = 15.2% [14 data] Mean Resultant dir'n = 163-343[Approx. 95% Confidence interval =  $\pm 44.6^{\circ}$ ] (valid only for unimodal data) Mean Resultant dir'n = 162.6 - 342.6Circ.Median = 001.0 - 181.0Circ.Mean Dev.about median =  $39.6^{\circ}$ Circ. Variance = 0.37Circular Std.Dev. =  $54.96^{\circ}$ Circ. Dispersion = 11.81Circ.Std Error = 0.3582Circ.Skewness = 1.44

Circ.Kurtosis = 0.63 kappa = 0.32 (von Mises concentration param. estimate) Resultant length = 14.60 Mean Resultant length = 0.1587

'Mean' Moments: Cbar = 0.1303; Sbar = -0.0907 'Full' trig. sums: SumCos = 11.9863; Sbar = -8.3447 Mean resultant of doubled angles = 0.4049 Mean direction of doubled angles = 172 (Usage references: Mardia & Jupp, 'Directional Statistics', 1999, Wiley; Fisher, 'Statistical Analysis of Circular Data', 1993, Cambridge University Press) Note: The 95% confidence calculation uses Fisher's (1993) 'large-sample method'



## Figure 9. Cross-structural locations on Google Earth

(Base map from MapPlace & Google Earth)

Table II. Approximate location of Figures 7 & 9 cross-structure locations (UTM-NAD 83)

Area	UTM East	UTM North	Elevation (metres)
Α	684,485	5,528,010	1,386
В	684,466	5,527,184	1,420
С	685,396	5,527,790	1,534

## **INTERPRETATION and CONCLUSIONS**

The Structural analysis on Tenure 589859 of the Toni 589859 Claim Group indicated two dominant structural trends: northerly and northwesterly. The east-west structural direction which is shown as a dominant trend on the Rose diagram is not reflected in any continuous pattern and the degree of lineaments is indicated as possibly local en echelon structures derived from a weaker dynamic force or from a shifting compressional force.

The northerly structures are dominant in the area with the most significant being the northerly trending Kentucky-Alleyne fault system eight kilometres west of the Toni 589859 Claim Group. The northerly faults and fracture systems are reported in the BC Government Minfile records, 10 of which are copied in this report as being relatable to mineral types that should be explored for on the Toni 589859 Claim Group. In many cases, some of the weaker structures, expressed as variably sized, possibly en-echelon shear zones to a stronger structure, host minor mineralization that may be sufficial seepage from a hydrothermal mineral source at depth.

#### Interpretation and Conclusions (cont'd)

The stronger structures could provide the means for tapping a mineral source at greater depths and provide an avenue of transport to the surface and imprint the mineral indicators at or near surface.

Cross structural locations between major structures or a major structure with weaker cross-cutting structures would be the most prospective locations for surficial mineral indicators. This is exemplified at the Elk mineral zones where the main structure, the north trending Elk Fault, is intersected by numerous east-northeasterly trending faults. The cross-structural mineral controlling feature is obvious as the mineral zones are mostly adjacent to the Elk Fault and related to the cross fault intersection (Figure 8).

The centre of the Brenda deposit may in part be related to a cross structure. The grade of the orebody was a function of fracture (vein) density and of the thickness and mineralogy of the filling material. Mineralization decreases outwardly from the most intensely fractured/mineralized rock and the centre of the main mineral zone.

On a smaller scale not related to a productive mineral zone, the POT 1 (*Minfile 092HNE204*) showing structural intersections are indicated as mineral controls. Copper minerals occur in narrow zones striking southwest, transverse to the regional strike but parallel to a fault one kilometre to the northwest.

The three cross-structure locations as determined in the structural analysis of Tenure 589859 and indicated on Figures 5 & 7 would be prime locations to explore for surficial geological indicators of a potential economic deep-seated mineralized porphyry system. These geological indicators may be revealed as pathfinder minerals, minerals and/or alteration products that would be subject to interpretation as economic mineral indicators to follow-up exploration

Respectfully submitted Sookochoff Consultants Inc.



Laurence Sookochoff, PEng

#### SELECTED REFERENCES

**Gold Mining Corporation** – 2012 Corporate Presentation

MapPlace – Map Data downloads

Marshak, S., Mitra, G. – Basic Methods of Structural Geology. pp 258-259, 264\* .Prentice-Hall Inc. 1988

McInnis, M.D., 1973: Property Report on the Buck Group for Great Plains Development Company Ltd. *AR 04,552*.

MtOnline - MINFILE downloads.

092HNE058 – HN-WEN 092HNE059 – ECHO 092HNE084 – PAYCINCI 092HNE089 – BUNKER HILL 092HNE096 – ELK 092HNE144 – AU-WEN 092HNE180 – SHRIMPTON CREEK PLACER 092HNE204 – POT.

Rowe, J.D., 1995 Geochemical Report on the Wave Property for Fairfield Minerals Ltd. *AR* 24,253.

**Sookochoff, L.** – Structural Analysis on Tenure 589862 of the 20 Tenure 589862 Claim Group of the Toni Property for Victory Resources Corporation. May 2, 2010. *AR 31,532*.

**Sookochoff, L.** – Structural Analysis on Tenure 589852 of the 9 Tenure 589852 Claim Group of the Toni Property for Victory Resources Corporation. February 5, 2012. *AR 32,705*.

## STATEMENT OF COSTS

The structural analysis on Tenure 589859 was completed from March 19, 2013 to March 22, 2013 to the value as follows.

Laurence Sookochoff, P.Eng.: 3 days @ \$1,000. /day	\$ 3,000.00
Maps	1,000.00
Report	3,200.00

\$ 7,200.00

\_\_\_\_\_

## CERTIFICATE

I, Laurence Sookochoff, of the City of Vancouver, in the Province of British Columbia, do hereby certify:

That I am a Consulting Geologist and principal of Sookochoff Consultants Inc. with an address at 120 125A-1030 Denman Street, Vancouver, BC V6G 2M6.

I, Laurence Sookochoff, further certify that:

1) I am a graduate of the University of British Columbia (1966) and hold a B.Sc. degree in Geology.

2) I have been practicing my profession for the past forty-seven years.

3) I am registered and in good standing with the Association of Professional Engineers and Geoscientists of British Columbia.

4) The information for this report is based on information as itemized in the Selected Reference section of this report and from work the author has performed on the Toni Property since 2006.

5) I have no interest in the Property as described herein.

6) I am a director of Victory Resources Corporation.



Laurence Sookochoff, P. Eng.