Regional Geologist, Smithers **Date Approved:** 2005.07.12 **Off Confidential:** 2005.12.08

ASSESSMENT REPORT: 27671 **Mining Division(s):** Omineca

Property Name: Pimpernel

Location:

NAD 27	**Latitude:**	54 10 56	**Longitude:**	127 01 52	**UTM:**	09	6005370 628492
NAD 83	**Latitude:**	54 10 56	**Longitude:**	127 01 58	**UTM:**	09	6005584 628379
NTS:	093L03E						
BCGS:	093L015						

Camp: 042 Telkwa Range

Claim(s): Pimper, Pimpernel

Operator(s): Electrum Resource Corp.
Author(s): Zastavnikovich, Sam

Report Year: 2005

No. of Pages: 37 Pages

Commodities Searched For: Copper, Silver, Gold

General Work Categories: GEOC

Work Done: Geochemical
ROCK Rock (16 sample(s);)
Elements Analyzed For : Multielement
SILT Silt (17 sample(s);) No. of maps : 1 ; Scale(s) : 1:10 000
Elements Analyzed For : Multielement

Keywords: Jurassic, Hazelton Group, Buck Creek Formation, Andesites, Gabbros

Statement Nos.: 3221627

MINFILE Nos.: 093L 221

Related Reports: 04194, 06233, 06554, 06658, 07014, 07646, 08447, 12480, 13097, 15175, 15787, 16872, 19743, 24892, 25485

GEOCHEMICAL RECONNAISSANCE ASSESSMENT REPORT
On the PIMPERNEL MINERAL PROPERTY

Omineca M.D.
93L/3E

Lat.54°10'29''N

Long.127°02'50''W

Sept.-Oct., 2004

For Owner/Operator
Electrum Resources Corporation

Dec., 2004
Delta, B.C.

S. Zastavnikovich, P.Geo.

Table of Contents

1. Introduction & Description 1

2. Physiography 1

3. General Geology 2

4. Geochemical Survey 3

Rock Samples Geochemistry 3
Drainage Geochemistry 4
Till and Soil Samples Geochemistry 4

5. Conclusions 5

6. Recommendations 6

7. References 7

8. Statement of Qualifications 8

After Page

Correlation Table 1 – 14 Pimpernel 2004 Rocks 3
Correlation Table 2 – 15 Pimpernel 2004 H.Q. Drainage (Stream Sediments)..... 4

Appendices
Appendix I Statement of Expenditures
Appendix II Rock Samples Descriptions
Appendix III Analytical Certificates and Procedures

Maps After Page

Fig.1 - Index Map.....1
Fig.2 - Claim Locations Map, 1:32,000, ...1
Fig.3 - General Geology, 1:100,000, ...2
Fig. 4 - Geochemical Map, 1:10,000, w. claim outlines, drainage,
topography, sample location numbers and analytical results,.....in pocket
Fig.4a- Off property Sample SHsed001 Location Map, 1:50,000 4

INTRODUCTION & DESCRIPTION

The Pimpernel 40-unit mineral property is located on the south side of Morice River, two kilometers east of Lamprey Creek, on map 93L/3E, some 40 kilometres south of Houston in central British Columbia, Index Map, Fig.1.
Access to the claim property is south on the Frypan Lake logging road from kilometer 42 on the Morice Main all-weather gravel road, Claim Locations Map, Fig. 2, and Fig. 4.
The Pimpernel group mineral claims are owned by Electrum Resources Corporation, with December 8th as the common anniversary, as per Notice to Group #3221437.
The present status of the claims is as indicated below:

Tenure #	Claim Name	Owner Number		Map Number	Work Recorded To	Status	Mining Division	Area	Tag Number
383427	PIMPERNEL	107591	100%	093L015	2008.12.08*	G.S.	15 OMINECA	20 un	238635
398672	PIMP 1	107591	100%	093L015	2006.12.08	G.S.	15 OMINECA	1 un	716621M
414854	PIMPER	107591	100%	093L015	2007.12.08*	G.S.	15 OMINECA	20 un	217276

* Uppon approval of this Report.

The claims area exploration history is detailed in the 1989 A.R.#19743, (see References).
From September 29th to October 7th, 2004 the writer conducted a reconnaissance-scale field-sieved high-quality drainage sampling geochemical survey of the previously un-sampled western and southern sectors of the Pimpernel claims area, supplemented by rock sampling and spot soil and glacial till investigations, in an attempt to identify presence of geochemical trace element pathfinders for Equity Mines-type Cu-Ag-Au mineralization in the Pimpernel claims area.
The multi-trace element analytical results for rock and soil samples have been correlated in Correlation Tables 1, 2 overleaf in order to assist in interpretation of the manner of their occurrence and, ultimately, their anomalous significance.
The rock sample descriptions are presented in Appendix II, while complete analytical results with their analytical methodologies, for 50 elements + gold by ICP-MS on 15-gram samples, are attached in Appendix III.
The sample locations are presented on the 1:10,000 scale topographic basemap, with claim outlines and the main geological features, with inscribed values for the most significant elements, Au, Ag, Hg, Cu and As, Fig. 4, in pocket. A high-quality comparison drainage sample was obtained from area adjacent to Equity Mine, Fig. 4a.

PHYSIOGRAPHY

The area of the Pimpernel claims group lies on a gentle regional north-facing slope ranging in elevation from 950 m. in the center to 700 m. in the Morice River Valley in the north. Pimpernel Mountain rises to1570 m. beyond the claims to the south.
Isolated outcrops are present at higher elevations and in road cuts along Morice River, as sampled, Fig. 4, in pocket.
The claim area is mantled in glacial overburden ranging from thick lateral moraine along the Morice River valley to thin sheets at higher elevations along the volcanic ridges.

FIG. 1 INDEX MAP

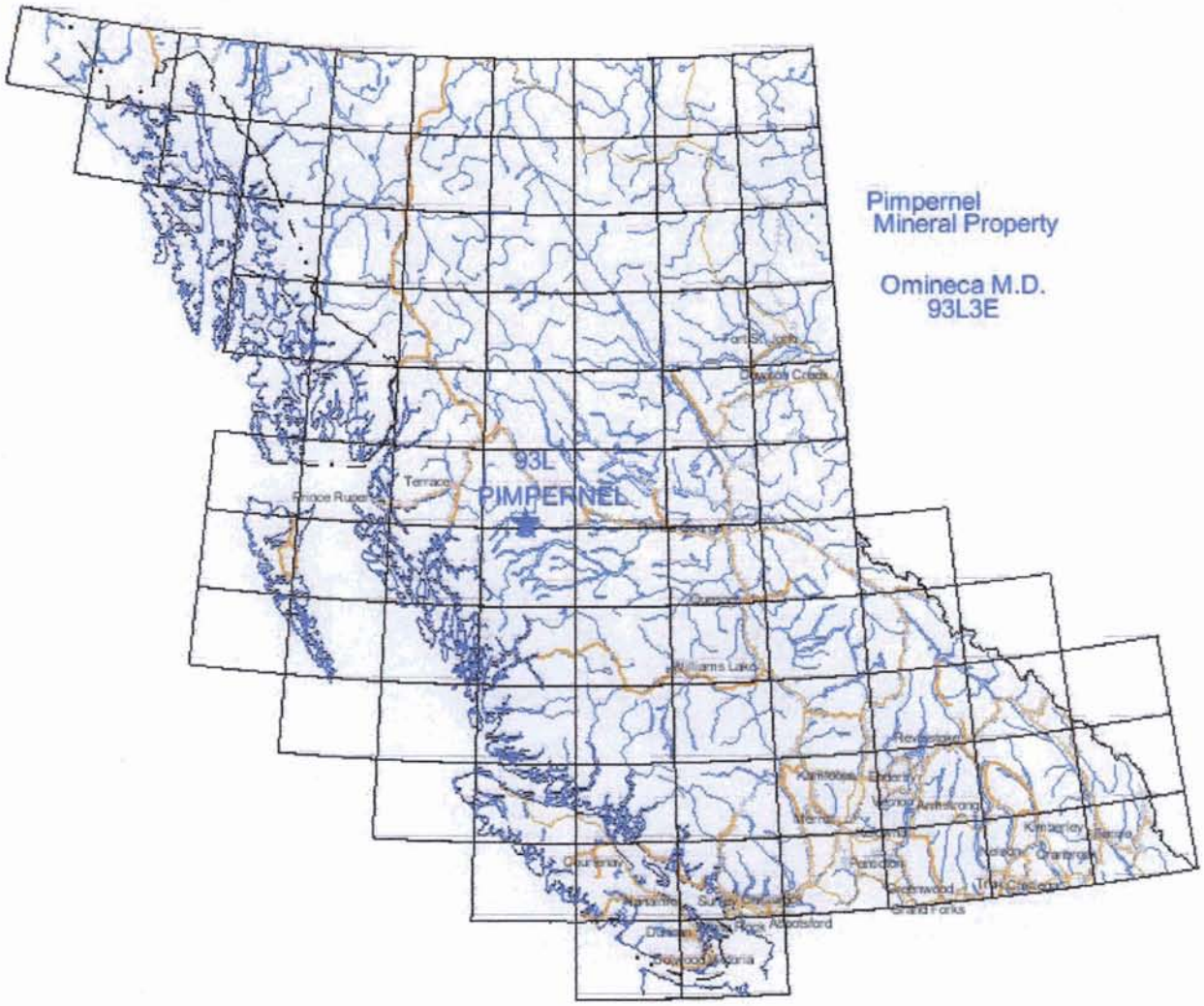
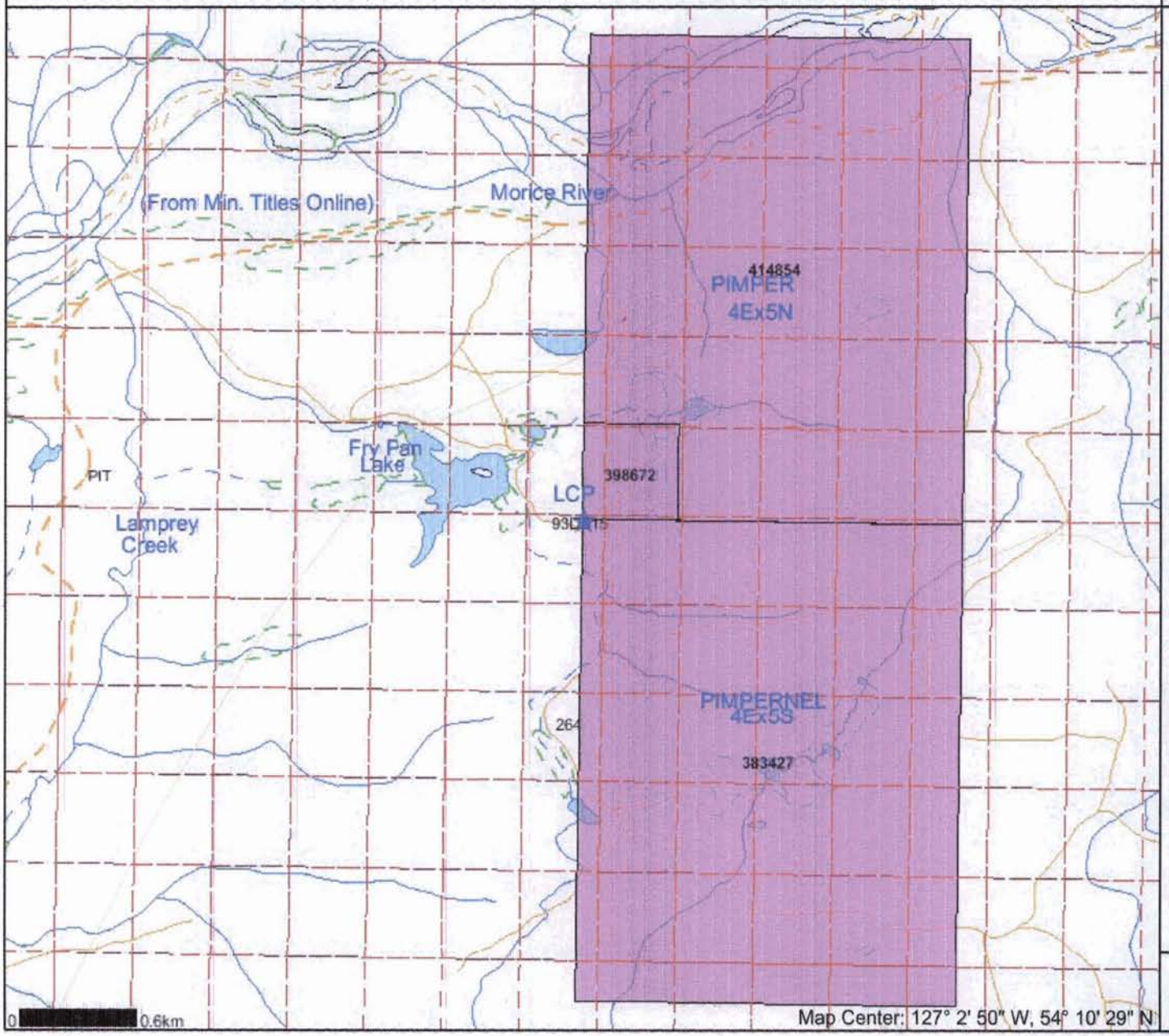


FIG. 2 CLAIM LOCATIONS MAP



Legend

- Indian Reserves
- National Parks
- Parks
- Mineral Titles Grid
- Mineral Tenures
- Reserves (Sites)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Mining Divisions
- BCGS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours
- Transportation - Points (TRIM)
- Helipad
- Transportation - Lines (TRIM)
- Airfield
- Airport
- Airstrip
- Airport.Abandoned
- Ferry Route
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 2 Lanes
- Road (Gravel Undivided) - U/C - 1 Lane
- Road (Gravel Undivided) - U/C - 2 Lanes
- Road (Paved Divided) - Not Elevated - 1 Lane Each Way
- Road (Paved Divided) - Not Elevated - 2 Lanes Each Way
- Road (Paved Divided) - U/C - Not Elevated - 2 Lanes Each Way
- Road (Paved Undivided) - Not Elevated - 1 Lane
- Road (Paved Undivided) - Not Elevated - 2 Lanes
- Road (Paved Undivided) - Not Elevated - 4 Lanes
- Road (Paved Undivided) - U/C - Not Elevated - 4 Lanes
- Road (Unimproved)
- Cut (Roadway)
- Embankment/Fill (Roadway)
- Trail
- Bridge - Foot
- Bridge - Trestle
- Tunnel
- Bridge
- Rail Line (Double Track)
- Rail Line (Multiple Track)
- Rail Line (Single Track)

Scale: 1:32,204

DO NOT USE FOR NAVIGATION

GEOLOGY

The general geology of the claims area is copied from the 1972 GEMBC by B.N. Church, and shown on Fig. 3 overleaf.

GENERAL GEOLOGY: The bedded units are mainly volcanic comprising rocks thought to be part of the Hazelton assemblage, and cover rocks equivalent to the Tip Top Hill, Buck Creek, and younger Tertiary formations. Igneous intrusions consist of a granite stock, a small gabbroic intrusion, and an assortment of dykes.

Bedded Rocks: Rocks believed to be part of the Hazelton Group crop out near the east boundary, mainly on Tsalit Mountain, in the west and northwest parts, and locally in the north-central part of the map-area. Most of these rocks are mottled greenish grey and epidote bearing. They display vestiges of primary volcanic structures such as amygdales and breccia textures. A distinctive brownish maroon pyroclastic phase, commonly charged with small feldspar laths was found on the ridges east of Lamprey Creek and near the main access roads in the northwest part of the map-area.

Tertiary volcanic rocks tentatively correlated with the Eocene Houston phase of the Buck Creek assemblage are exposed on scattered knolls in the central part of the map-area and on the slopes of Pimpernel Mountain to the south. These lavas and volcanic breccias are commonly medium or dark brown and aphanitic. In thin section the rocks are found to consist largely of tiny plagioclase microlites and clusters of small pyroxene crystals in the glassy matrix. X-ray analysis shows an average of less than 2 per cent quartz; this is in contrast with the older volcanic rocks of the area which range to as much as 40 per cent quartz in some cases. Arc fusion analysis of 10 samples shows that the rocks are typically andesitic having an average refractive index of 1.552.

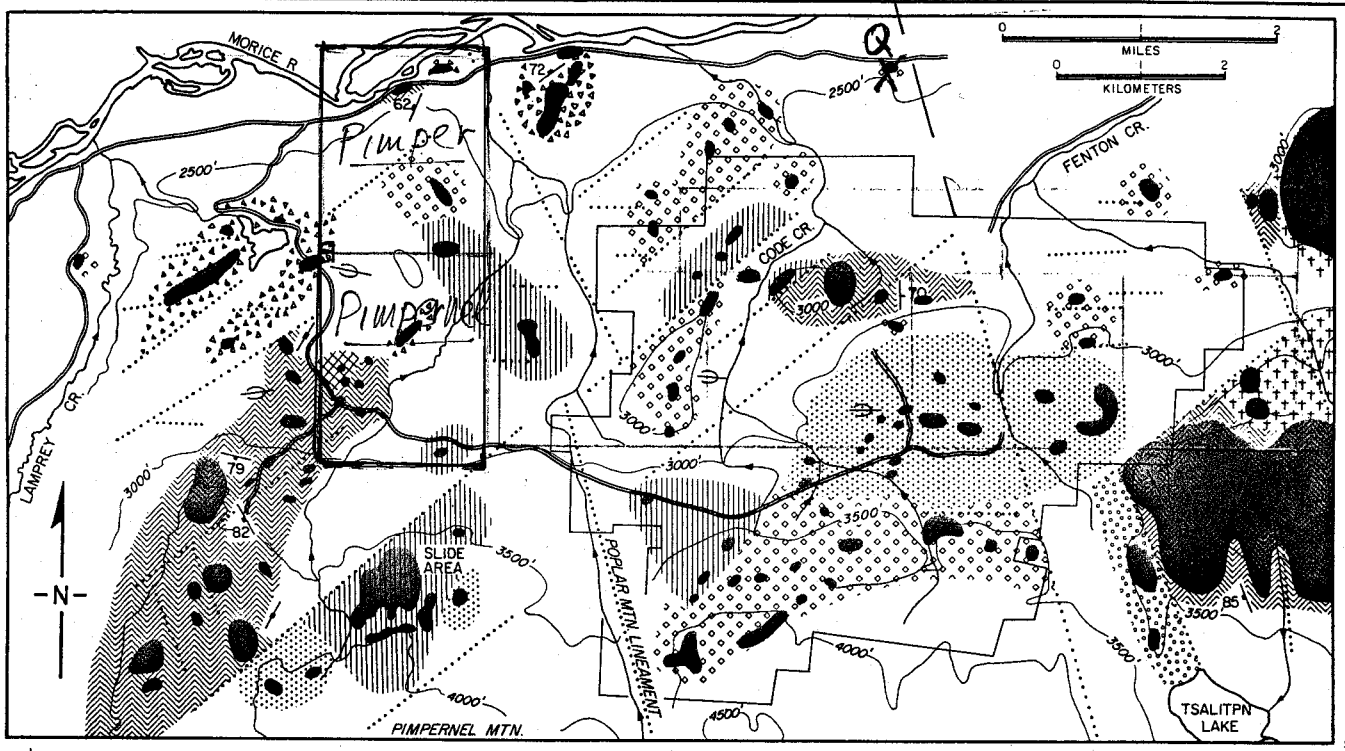
Intrusive Igneous Rocks: ...

...The only other intrusion worthy of description is a small fine medium-grained gabbroic stock, about one-quarter mile in diameter, found cropping out just northeast of the main access logging road in the west-central part of the map-area, Fig.4, in pocket. I.E., Fig.3. *Thin section study of two samples of a feldspathic phase of this rock shows an average of 85 per cent plagioclase (An40 to An50), 14 percent pyroxene and equivalent alteration products, and 1 per cent magnetite and other accessories. A minor occurrence of chalcopyrite has been reported in the vicinity of this body.*

STRUCTURAL GEOLOGY: The area is characterized by a reticulate pattern of small valleys and draws which evidently mark a system of important fractures. The so-called Poplar Mountain lineament which originates near the centre of the map-area is the most conspicuous regionally. This line can be traced approximately 15 miles to the southeast, striking about 165 degrees to Tagetochlain Lake. It sharply defines the west side of Poplar Mountain which proves to be a large fault block. Somewhat weaker subparallel lineaments are observed near Tsalitpn Lake and Tsalit Mountain.

A second series of prominent lineaments coincides with a number of small but important faults trending about 050 degrees. Movement on these has chopped the geology in the northwest sector into a number of northeasterly elongated panels. Some offset in the northern extension of the Poplar Mountain lineament is also apparent.
(GEM '72, p.374-377).

Pimpernel Mineral Property



BEDDED ROCKS

TERTIARY

- FENTON CREEK VOLCANIC ROCKS: RHYOLITE AND TRACHYTE BRECCIA AND GLASSY LAVA
- BUCK CREEK VOLCANIC ROCKS?: MAINLY FRESH BROWN APHANITIC ANDESITE

UPPER MESOZOIC

- TIP TOP HILL VOLCANIC ROCKS?: DACITIC PYROCLASTIC ROCKS AND LAVAS
- SEDIMENTARY ROCKS; MAINLY SANDSTONE, LOCALLY RUST-COLOURED

LOWER OR MIDDLE MESOZOIC

- HAZELTON GROUP: MAINLY MAROON AND BROWN ANDESITIC AND DACITIC PYROCLASTIC ROCKS AND/EPIDOTE-BEARING MOTTLED GREY-GREENISH ANDESITE AND BASALT AND MINOR RHYOLITE

IGNEOUS INTRUSIONS

TERTIARY

- OWEN HILL GRANITE

MESOZOIC

- SMALL GABBRO STOCK

SYMBOLS

- BEDROCK EXPOSURE
- BEDDING ATTITUDE
- MAIN JOINT SET; VERTICAL, INCLINED
- GLACIAL STRIAE
- TOPOGRAPHIC LINEAMENT
- BOUNDARY-CODE-FEN CLAIM BLOCK
- TOPOGRAPHIC CONTOUR 4000'
- SMALL STREAM
- ROAD

xQ - Quarry

Figure 40
GEOLOGY
OF THE
CODE CREEK AREA

GENERAL GEOLOGY (by B.N. Church, in GEM 1972)

S. Zastavnikovich, P.Geo.

Dec.'04

FIG. 3

GEOCHEMICAL SURVEY

In order to identify any anomalous multi-element geochemical signatures as pathfinders for Equity Mine-type copper-silver-gold mineralization that may be present on the Pimpernel mineral claims group, the writer conducted a reconnaissance-scale stream sediment sampling survey, supplemented with bedrock sampling, over the previously un-sampled southern and western sectors of the Pimpernel property, Fig. 4, in pocket.
The 15 drainage samples were wet-sieved in the field in order to isolate the single-phase lithic sediment fraction, free from organic matter and the lightest clay fractions.
The high-quality samples can in turn uniquely provide repeatedly-detectable subtle detrital and hydromorphic geochemical multi-element anomalies related to distant sub-cropping and/or blind mineralization present under deep overburden.
For the type Cu-Ag-Au mineralization signature, a sample was collected in Superstition Creek, separated by a ridge from the mined-out Southern Tail ore-body at Equity Mines.

To enhance the geochemical interpretability of the drainage analytical results outcrops were sampled where encountered in the Pimpernel claims area, supplemented by several angular float rocks of presumed local origin, for a total of 14 rock samples, as described in Appendix II.
In addition, glacial till from thick lateral moraine and thin upland sheet was sampled, as well as the corresponding B-horizon soils, one sample each, to establish comparisons, as described below and plotted on the sample location Map, Fig. 4, in pocket.
All samples were analyzed for fire-geochemical gold, and the 50-trace-elements ICP-MS package at Acme Laboratories in Vancouver using standard geochemical methods, as described in Appendix III.
The rock and stream sediment multi-element analytical results are correlated overleaf in Tables 1 and 2 respectively.

Rock Samples Geochemistry

Despite a lack of strongly anomalous base and precious metals values in the fourteen rock samples collected, correlation Table 1, overleaf, indicates a strongly positive relation between gold and silver values and the trace elements Se, Re, S at the 0.9-0.8 level, As at 0.6, and Hg, Ti, at 0.6-0.5, mostly based on off-property rock sample PR012 from the roadside quarry near KM35, located on the projected Tsalitpn Lake lineament, Fig. 3.
Appendix II rock sample descriptions indicate that similar but fresh, non-anomalous, PR013 also lacks the Fe-rusty limonite, although its higher carbonate contains stronger Cu, Ge values, Appendix III.
Conversely, samples PR001-003, collected near the common L.C.P. along the western claim line, which vary only in the % of carbonate cement, carry corresponding Au, Ag, Te, Hg values, while all other trace elements, except carbonates, vary with the Fe content.

Thus in the very weakly anomalous rocks collected in the Pimpernel claims area, both precious and base metals trace elements preferentially concentrate in sulfide-derived 'rust', i.e., secondary (Mn)Fe-oxides, lacking which, the secondary carbonate cement may carry anomalous trace element values, particularly those of Au, Ag, Te, Cu, Hg.

For Electrum Resources

PIMPERNEL ROCKS

Correlation Table 1

2004Rx	Au,p	Ag,p	Cu	As	Hg,p	S%	Re,p	Se	Te	Pb	Zn	Cd	K%	Sb	Bi	Mn	Cr	Ni	Co	V	Ti%	Fe%	Cs	Na%	Mg%	Ca%	Sr	Ba	P%	B	Al%	Li	Sc	Tl	Ga	Mo
Ag,ppb	0.9	1.0																																	
Cu	0.3	0.1	1.0																																
As	0.6	0.6	0.5	1.0																															
Hg,ppb	0.4	0.6	0.0	0.5	1.0																														
S%	0.8	0.8	0.3	0.8	0.7	1.0																													
Re,ppb	0.9	0.8	0.4	0.6	0.5	0.9	1.0																												
Se	0.9	0.8	0.3	0.6	0.5	0.9	1.0	1.0																											
Te	0.0	0.1	-0.3	-0.2	-0.3	-0.3	-0.2	-0.1	1.0																										
Pb	0.0	0.0	-0.2	-0.1	0.1	0.0	-0.1	-0.2	-0.2	1.0																									
Zn	-0.2	-0.1	-0.1	-0.2	-0.1	-0.3	-0.2	-0.3	-0.1	0.5	1.0																								
Cd	0.0	-0.1	-0.1	0.0	-0.1	0.0	-0.1	-0.1	-0.1	0.9	0.5	1.0																							
K%	0.0	0.2	-0.3	0.2	0.2	0.1	-0.2	-0.2	-0.2	0.2	0.2	0.1	1.0																						
Sb	-0.1	0.1	0.3	0.4	0.2	0.0	-0.1	-0.1	-0.2	0.2	0.5	0.2	0.2	1.0																					
Bi	0.1	0.2	-0.2	0.0	0.2	0.0	0.0	0.0	0.0	-0.1	0.2	-0.2	0.7	0.3	1.0																				
Mn	-0.1	0.0	0.1	-0.2	-0.2	-0.3	-0.1	-0.1	-0.1	-0.1	0.7	-0.1	-0.2	0.5	0.1	1.0																			
Cr	0.2	-0.1	0.4	0.1	0.0	0.2	0.2	0.2	-0.3	-0.3	-0.3	-0.2	-0.2	-0.3	-0.3	-0.3	1.0																		
Ni	0.1	-0.2	0.4	0.0	-0.1	0.0	0.1	0.0	-0.3	-0.2	-0.1	-0.2	-0.2	-0.3	-0.3	-0.2	1.0	1.0																	
Co	0.3	0.2	0.8	0.4	0.0	0.3	0.4	0.4	-0.3	-0.4	0.0	-0.3	-0.3	0.1	-0.3	0.3	0.6	0.7	1.0																
V	0.4	0.4	0.6	0.5	0.1	0.5	0.5	0.5	-0.4	-0.4	-0.1	-0.3	-0.3	0.2	-0.3	0.4	0.4	0.3	0.8	1.0															
Ti%	0.6	0.5	0.4	0.6	0.3	0.8	0.7	0.7	-0.4	-0.3	-0.5	-0.3	0.1	-0.4	0.0	-0.4	0.6	0.4	0.5	0.5	1.0														
Fe%	0.1	0.3	0.3	0.4	0.1	0.3	0.2	0.2	-0.3	-0.4	0.2	-0.4	0.0	0.3	-0.2	0.6	0.2	0.2	0.7	0.9	0.3	1.0													
Cs	-0.2	0.0	0.2	0.1	0.0	-0.1	-0.2	-0.1	-0.2	0.0	0.5	-0.1	0.1	0.7	0.0	0.7	-0.2	-0.2	0.3	0.5	-0.2	0.7	1.0												
Na%	-0.1	-0.2	0.1	-0.3	-0.3	-0.2	-0.1	-0.2	-0.1	-0.2	0.2	-0.2	0.0	-0.4	-0.1	0.0	0.6	0.8	0.5	0.1	0.3	0.2	-0.2	1.0											
Mg%	0.1	0.0	0.3	-0.1	-0.1	0.0	0.2	0.2	0.0	-0.4	0.0	-0.3	-0.4	-0.3	-0.4	0.2	0.7	0.7	0.7	0.5	0.3	0.5	0.1	0.7	1.0										
Ca%	-0.1	-0.1	-0.1	-0.2	-0.2	-0.1	0.0	0.0	0.7	-0.3	-0.5	-0.1	-0.7	-0.4	-0.5	-0.1	-0.2	-0.2	-0.2	-0.1	-0.2	-0.3	-0.2	-0.2	0.2	1.0									
Sr	-0.1	0.0	-0.3	-0.3	-0.2	-0.2	-0.1	-0.1	0.9	-0.2	-0.3	-0.1	-0.4	-0.3	-0.3	-0.2	-0.2	-0.2	-0.3	-0.2	-0.3	-0.3	-0.2	-0.1	0.1	0.8	1.0								
Ba	-0.1	0.2	-0.3	0.3	0.1	0.2	-0.1	-0.1	0.4	-0.2	-0.4	-0.2	0.3	-0.1	-0.1	-0.4	-0.1	-0.1	-0.1	0.1	0.2	0.2	0.0	-0.1	0.0	0.2	0.4	1.0							
P%	-0.3	-0.2	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	0.1	-0.3	0.2	-0.3	-0.2	-0.3	-0.3	0.4	-0.2	-0.1	0.0	0.0	-0.2	0.3	0.0	0.3	0.2	0.1	0.3	0.1	1.0						
B	0.1	0.1	0.7	0.4	-0.2	-0.1	0.0	0.0	0.0	-0.1	0.2	0.1	0.0	0.7	0.1	0.4	-0.1	0.0	0.4	0.3	-0.2	0.2	0.4	-0.2	-0.1	-0.2	-0.3	-0.2	-0.3	1.0					
Al%	0.4	0.2	0.7	0.4	0.2	0.5	0.5	0.5	-0.5	-0.3	-0.3	-0.3	-0.3	-0.1	-0.3	0.0	0.7	0.7	0.8	0.8	0.7	0.6	0.1	0.3	0.6	-0.2	-0.4	-0.1	-0.3	0.2	1.0				
Li	0.1	0.2	0.6	0.3	0.0	0.1	0.2	0.2	-0.3	-0.2	0.4	-0.2	-0.1	0.5	0.0	0.6	0.2	0.3	0.8	0.8	0.2	0.8	0.8	0.2	0.5	-0.3	-0.2	-0.1	0.0	0.5	0.6	1.0			
Sc	0.3	0.3	0.8	0.6	0.0	0.3	0.4	0.4	-0.3	-0.3	0.1	-0.2	-0.2	0.6	0.0	0.5	0.0	0.0	0.7	0.8	0.2	0.7	0.7	-0.2	0.1	-0.2	-0.3	-0.1	-0.1	0.7	0.5	0.8	1.0		
Tl	0.0	0.1	0.3	0.5	0.0	0.0	-0.1	-0.1	0.0	0.0	0.2	0.2	0.4	0.6	0.3	0.1	-0.3	-0.2	0.1	0.0	-0.1	0.0	0.2	-0.2	-0.3	-0.3	-0.2	0.1	-0.2	0.7	-0.2	0.2	0.4	1.0	
Ga	0.3	0.2	0.7	0.3	0.0	0.4	0.5	0.5	-0.5	-0.4	-0.2	-0.5	-0.3	-0.1	-0.2	0.2	0.5	0.4	0.8	0.8	0.7	0.6	0.3	0.2	0.5	-0.1	-0.4	-0.2	-0.1	0.2	0.9	0.6	0.6	-0.2	1.0
Mo	-0.1	0.0	-0.5	-0.1	0.2	0.1	0.0	-0.1	-0.3	0.4	0.1	0.3	0.7	-0.2	0.4	-0.3	-0.2	-0.3	-0.5	-0.4	0.2	-0.3	-0.2	0.0	-0.4	-0.4	-0.3	0.1	-0.1	-0.5	-0.3	-0.4	-0.4	0.0	-0.3
U	-0.3	-0.1	-0.5	-0.4	-0.3	-0.3	-0.2	-0.2	0.5	-0.2	-0.1	-0.2	0.0	-0.5	0.0	0.0	-0.4	-0.3	-0.4	-0.3	-0.2	-0.2	-0.2	0.1	0.1	0.5	0.6	0.3	0.5	-0.5	-0.5	-0.3	-0.4	0.0	-0.4
Th	-0.3	-0.2	-0.4	-0.3	-0.2	-0.3	-0.2	-0.3	-0.1	-0.1	0.1	-0.1	0.5	-0.3	0.4	0.0	-0.3	-0.3	-0.3	-0.3	0.0	-0.1	-0.1	0.2	-0.2	-0.2	0.0	0.0	0.4	-0.4	-0.4	-0.2	-0.3	0.1	-0.2
Ge	0.5	0.2	0.5	0.2	0.1	0.4	0.6	0.6	-0.3	-0.3	-0.5	-0.3	-0.3	-0.4	-0.2	-0.2	0.1	0.0	0.3	0.3	0.5	0.0	-0.3	-0.1	0.0	0.2	-0.2	-0.3	0.0	0.1	0.5	-0.1	0.2	-0.2	0.6
Hf	0.2	0.2	0.0	0.4	0.1	0.3	0.3	0.2	-0.4	-0.3	-0.2	-0.3	0.6	-0.1	0.4	-0.2	0.1	0.0	0.1	0.2	0.6	0.2	0.0	0.1	-0.1	-0.5	-0.4	0.3	0.0	-0.2	0.2	0.1	0.2	0.3	0.3
Nb	-0.2	-0.1	-0.4	-0.3	-0.3	-0.2	-0.1	-0.2	0.4	-0.3	-0.2	-0.3	0.0	-0.6	-0.1	-0.1	-0.3	-0.2	-0.2	-0.2	0.0	-0.1	-0.2	0.2	0.1	0.4	0.6	0.4	0.6	-0.5	-0.4	-0.2	-0.3	-0.1	-0.2
Rb	-0.2	0.0	-0.3	-0.1	-0.1	-0.2	-0.2	-0.3	-0.1	0.1	0.3	-0.1	0.9	0.1	0.7	0.1	-0.4	-0.3	-0.3	-0.2	0.0	0.0	0.2	0.1	-0.3	-0.5	-0.3	0.1	0.0	-0.1	-0.4	0.0	-0.1	0.4	-0.2
Sn	-0.1	0.1	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	0.1	-0.3	0.2	-0.3	0.3	-0.2	0.3	0.5	-0.4	-0.4	-0.1	0.0	-0.1	0.2	0.1	0.2	0.0	-0.1	0.0	0.1	0.7	-0.2	-0.3	0.0	0.0	0.1	-0.1
Zr	0.3	0.3	0.0	0.5	0.2	0.5	0.4	0.4	-0.3	-0.4	-0.3	-0.3	0.3	-0.3	0.1	-0.2	0.1	0.1	0.2	0.3	0.7	0.3	-0.3	0.2	0.1	-0.3	-0.3	0.3	0.3	-0.2	0.2	0.0	0.2	0.3	0.2
Y	-0.2	0.0	-0.1	-0.2	-0.4	-0.4	-0.2	-0.2	0.2	-0.2	0.6	-0.1	0.1	0.4	0.3	0.8	-0.5	-0.4	0.0	0.1	-0.5	0.3	0.5	-0.1	-0.1	-0.2	-0.1	-0.2	0.5	0.4	-0.4	0.3	0.4	0.3	-0.1
Ce	-0.3	-0.2	-0.5	-0.4	-0.4	-0.4	-0.3	-0.3	0.1	-0.1	0.2	-0.1	0.3	-0.3	0.2	0.2	-0.4	-0.3	-0.4	-0.3	-0.2	-0.1	-0.1	0.3	-0.1	0.0	0.2	0.0	0.8	-0.4	-0.5	-0.3	-0.3	0.0	-0.3
La	-0.3	-0.3	-0.5	-0.4	-0.4	-0.4	-0.3	-0.3	0.1	-0.1	0.2	-0.2	0.3	-0.4	0.2	0.2	-0.4	-0.3	-0.4	-0.3	-0.2	-0.1	-0.2	0.3	-0.2	0.0	0.1	0.0	0.8	-0.4	-0.5	-0.3	-0.3	0.0	-0.3
In	-0.1	0.1	0.1	0.1	-0.3	-0.3	-0.1	-0.1	0.1	-0.3	0.5	-0.2	0.1	0.6	0.2	0.8	-0.4	-0.3	0.2	0.4	-0.3	0.6	0.8	-0.1	0.0	-0.2	-0.1	-0.1	0.3	0.6	-0.1	0.6	0.7	0.3	0.2
Be	-0.1	0.1	-0.5	0.0	-0.1	-0.1	-0.1	-0.1	0.1	-0.4	-0.1	-0.4	0.5	0.0	0.6	0.1	-0.3	-0.3	-0.3	-0.1	0.0	0.1	0.0	-0.1	-0.4	-0.3	-0.1	0.2	0.4	-0.1	-0.4	-0.2	0.0	0.2	-0.2

04Rx	U	Th	Ge	Hf	Nb	Rb	Sn	Zr	Y	Ce	La	In
Th	0.7	1.0										
Ge	-0.2	-0.1	1.0									
Hf	0.2	0.6	0.1	1.0								
Nb	0.9	0.7	-0.1	0.4	1.0							
Rb	0.3	0.8	-0.3	0.7	0.3	1.0						
Sn	0.7	0.8	0.0	0.4	0.7	0.6	1.0					
Zr	0.3	0.5	0.3	0.8	0.4	0.3	0.5	1.0				
Y	0.2	0.3	-0.2	0.0	0.2	0.4	0.7	0.0	1.0			
Ce	0.7	0.9	-0.1	0.4	0.8	0.6	0.9	0.4	0.5	1.0		
La	0.7	0.9	-0.1	0.4	0.8	0.6	0.9	0.4	0.5	1.0	1.0	
In	-0.1	0.0	-0.2	0.0	-0.1	0.3	0.5	-0.1	0.9	0.2	0.2	1.0
Be	0.3	0.6	-0.1	0.6	0.4	0.6	0.7	0.5	0.5	0.6	0.7	0.4

Drainage Geochemistry

By far the highest gold values obtained in the reconnaissance drainage sampling over the east and south sides of the Pimpernel property reside in drainage samples PSED08 at 59 ppb Au, and PSED06, with 30 ppb Au, both of which are located in northwesterly lineament gullies intersecting with the east to northeasterly path of the lateral moraine in the Morice River valley. Neither sample contains other anomalous trace elements which, combined with the singular correlation of gold with titanium at the 0.4 level, Table 2, overleaf, indicate that these detrital Au drainage anomalies are of placer origin.

More significant for Cu-Ag-Au type mineralization potential on the property are the multi-trace-element anomalous values present in drainage sample PSED001, collected near the common L.C.P. along the western claim line, in the small southern tributary to Frypan Lake, Map Fig. 4, and Appendix III. Anomalous silver value of 197 ppb Ag, plus weakly anomalous Cu, As, Hg, Pb, Zn, Cd, Sb, Ba, Tl are associated with anomalous Mn and Al values, indicating the hydromorphic nature of this base- and precious-metals anomaly in secondary (Fe)Mn-oxides and clays.
However, these are the same anomalous trace elements associated with the strongly anomalous gold value of 677 ppb Au present in high-quality drainage sample SHSED01, collected by the writer for comparison from Superstition Creek on Silver Hope property, flowing on opposite side of a small spur ridge adjacent to the mined-out Southern Tail Cu-Ag-Au Equity Mines ore-body, Fig.s 4, 4a, overleaf, and Appendix III.

Anomalous Bi value is present in the upstream sample PSED15, probably located closer to the mineralized source, adjacent to the west side of the mapped gabbro stock present on the Pimpernel claim, Fig.s 3, 4, while the mobile trace elements Zn,Tl, associated with anomalous Mn, are still weakly anomalous downstream in sample PSED12, at exit from Frypan Lake, Fig. 4, in pocket.
Correlation Table2 summarizes the strong positive relationship between pathfinder elements and highest silver values present in the two high-quality drainage samples from the small stream along the western side of the Pimpernel gabbro stock, and those present in the sample from the Equity Mine vicinity.

Till and Soil Samples Geochemistry

The analytical results in Appendix III indicate that neither till sample contains useful pathfinder trace element values, nor does the B-horizon soil sample PS002, collected over thick glacial overburden, Fig. 4.
The B-horizon soil sample PS001, collected over the PR004 outcrop at 820 m. elevation in central part of the property, is less anomalous in most trace elements except Ag, Hg, As, Zn and Ba, than the corresponding rock sample, but more enriched in all elements, except Na, than the till sample PT01 located across the high central valley, Fig. 4 and Appendix III. These relationships suggest that soil sampling on the property should only be relied upon in areas of thin glacial overburden, more likely to be present at higher elevations.

For Electrum Resources

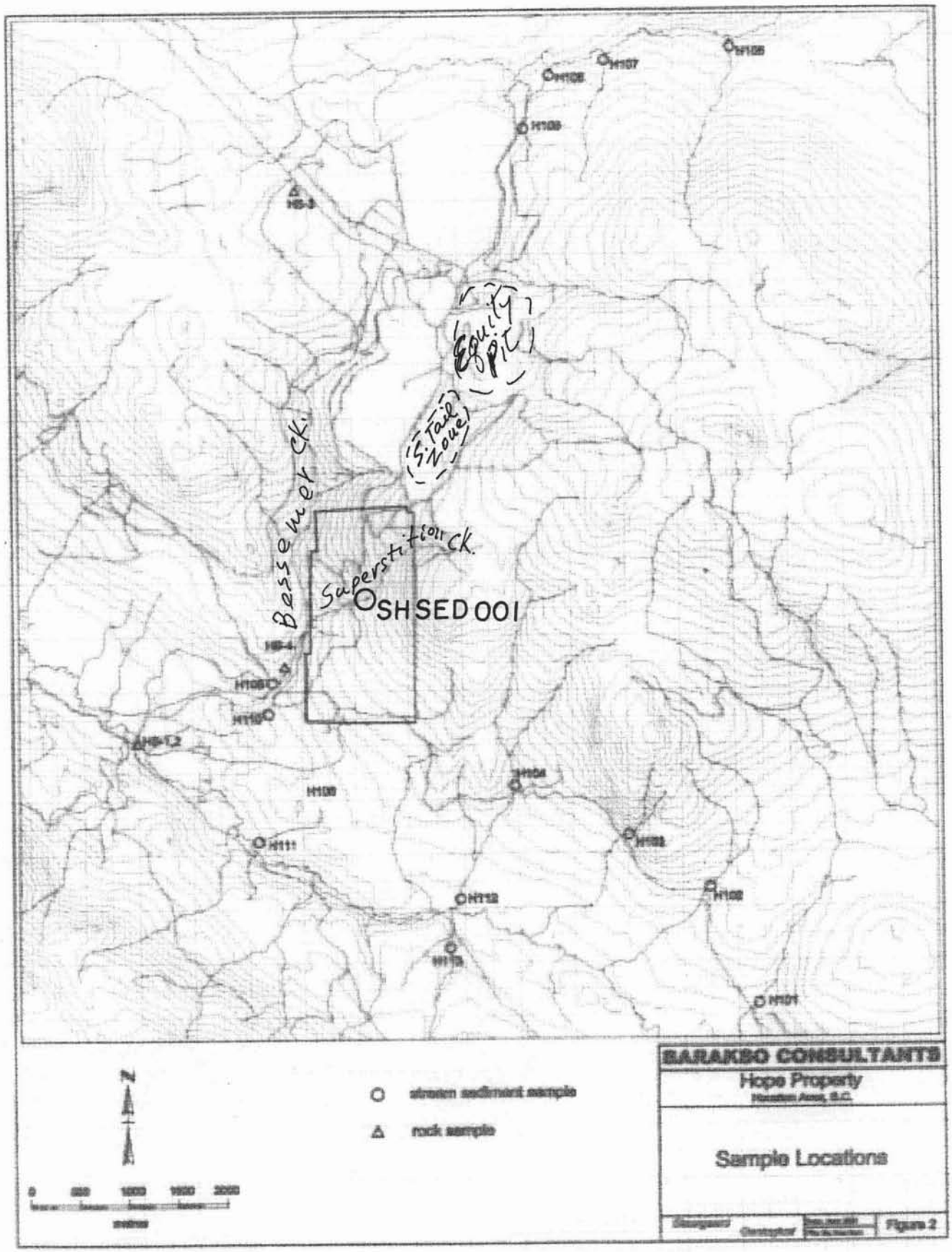
PIMPERNEL SEDIMENTS

Correlation Table 2

'04 Seds	Au,p	Ag,p	Cu	As	Hg,p	S%	Re,p	Se	Te	Pb	Zn	Cd	K%	Sb	Bi	Mn	Cr	Ni	Co	V	Ti%	Fe%	Cs	Na%	Mg%	Ca%	Sr	Ba	P%	B	Al%	Li	Sc	Tl	Ga	Mo
Ag,ppb	0.0	1.0																																	
Cu	0.0	0.7	1.0																																
As	-0.3	0.7	0.4	1.0																															
Hg,ppb	-0.2	0.9	0.6	0.7	1.0																														
S%	-0.1	-0.3	-0.3	0.0	-0.1	1.0																													
Re,ppb	-0.1	0.3	0.1	0.2	0.5	-0.1	1.0																												
Se	0.0	0.1	0.2	0.0	0.2	-0.2	0.3	1.0																											
Te	0.3	0.5	0.7	0.4	0.5	-0.1	0.2	0.5	1.0																										
Pb	-0.1	0.8	0.7	0.5	0.7	-0.3	-0.1	0.1	0.3	1.0																									
Zn	-0.1	0.8	0.7	0.6	0.7	0.1	0.2	0.1	0.4	0.7	1.0																								
Cd	-0.1	0.9	0.8	0.6	0.8	-0.3	0.2	0.1	0.4	0.9	0.8	1.0																							
K%	-0.1	0.2	0.0	0.3	0.3	0.4	0.1	-0.3	-0.1	0.2	0.4	0.3	1.0																						
Sb	-0.1	0.9	0.6	0.5	0.7	-0.2	0.0	0.0	0.3	1.0	0.8	0.8	0.2	1.0																					
Bi	-0.1	0.3	-0.1	0.0	0.2	-0.2	-0.2	0.0	-0.1	0.5	0.0	0.1	-0.1	0.5	1.0																				
Mn	-0.1	0.8	0.8	0.7	0.7	-0.2	0.2	0.1	0.4	0.7	0.9	0.9	0.2	0.8	-0.1	1.0																			
Cr	0.2	0.0	0.5	-0.3	-0.1	0.0	0.0	-0.1	0.0	0.1	0.0	0.2	0.1	0.0	-0.2	0.1	1.0																		
Ni	-0.2	0.5	0.7	0.2	0.5	0.1	0.2	0.2	0.4	0.4	0.4	0.6	0.1	0.3	-0.1	0.4	0.6	1.0																	
Co	-0.1	0.2	0.5	0.2	0.3	0.1	0.4	0.2	0.3	0.2	0.6	0.4	0.0	0.3	-0.2	0.7	0.3	0.4	1.0																
V	0.2	-0.2	0.4	-0.3	-0.4	-0.2	-0.2	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	-0.3	0.1	0.8	0.2	0.4	1.0															
Ti%	0.4	-0.5	0.1	-0.5	-0.6	0.0	-0.2	0.0	0.0	-0.2	-0.2	-0.3	-0.4	-0.2	-0.2	-0.1	0.5	-0.2	0.4	0.7	1.0														
Fe%	0.1	0.0	0.3	-0.1	-0.1	0.0	0.3	-0.1	-0.1	0.0	0.3	0.2	0.1	0.1	-0.4	0.4	0.5	0.1	0.8	0.7	0.6	1.0													
Cs	-0.3	0.5	-0.1	0.7	0.6	0.1	0.1	0.1	0.1	0.4	0.3	0.3	0.5	0.4	0.4	0.2	-0.5	0.0	-0.2	-0.6	-0.8	-0.5	1.0												
Na%	0.2	-0.1	0.0	0.2	0.0	0.2	0.1	0.4	0.4	-0.2	-0.2	-0.1	0.4	-0.3	-0.3	-0.2	0.0	-0.1	-0.1	0.0	-0.1	-0.2	0.3	1.0											
Mg%	0.0	0.1	0.4	0.1	0.1	0.4	0.1	0.1	0.3	0.1	0.6	0.2	-0.1	0.2	-0.3	0.5	0.2	0.2	0.8	0.2	0.5	0.5	-0.4	-0.1	1.0										
Ca%	0.3	0.2	0.7	0.3	0.2	0.1	0.0	0.2	0.7	0.3	0.4	0.4	0.1	0.3	-0.2	0.5	0.4	0.3	0.5	0.4	0.4	0.4	-0.1	0.5	0.6	1.0									
Sr	-0.1	0.2	0.1	0.6	0.3	0.1	0.0	0.3	0.4	0.2	0.0	0.2	0.3	0.0	0.0	0.1	-0.3	0.1	-0.3	-0.2	-0.5	-0.5	0.7	0.8	-0.4	0.3	1.0								
Ba	-0.2	0.6	0.2	0.6	0.8	0.0	0.7	0.0	0.2	0.3	0.5	0.6	0.4	0.3	0.0	0.5	-0.1	0.3	0.3	-0.4	-0.6	0.1	0.6	0.1	0.0	0.0	0.3	1.0							
P%	-0.1	0.0	-0.2	0.4	0.2	0.3	0.0	0.0	-0.1	0.1	0.0	0.1	0.6	-0.1	-0.1	0.0	-0.1	0.0	-0.2	-0.1	-0.4	-0.2	0.7	0.6	-0.4	0.1	0.7	0.4	1.0						
B	0.0	0.0	0.0	-0.2	0.0	0.2	-0.1	-0.3	-0.3	0.1	0.1	0.1	0.8	0.1	-0.1	-0.1	0.4	0.2	-0.2	0.3	-0.2	0.1	0.2	0.3	-0.3	0.0	0.1	0.1	0.5	1.0					
Al%	-0.1	0.6	0.6	0.5	0.7	0.1	0.5	0.1	0.5	0.4	0.8	0.6	0.1	0.6	-0.2	0.8	0.1	0.4	0.8	-0.1	0.0	0.4	0.0	-0.2	0.8	0.5	-0.1	0.5	-0.2	-0.2	1.0				
Li	-0.1	0.2	0.3	0.2	0.3	0.4	0.3	0.0	0.2	0.1	0.7	0.3	0.1	0.3	-0.3	0.6	0.2	0.3	0.8	0.0	0.2	0.6	-0.2	-0.3	0.9	0.3	-0.4	0.3	-0.3	-0.1	0.9	1.0			
Sc	0.0	0.4	0.6	0.3	0.4	0.1	0.3	0.1	0.4	0.3	0.8	0.5	0.1	0.4	-0.3	0.8	0.2	0.3	0.9	0.2	0.3	0.7	-0.2	-0.2	0.9	0.6	-0.3	0.3	-0.3	-0.2	0.9	0.9	1.0		
Tl	-0.3	0.8	0.3	0.8	0.8	0.0	0.2	0.2	0.2	0.7	0.8	0.7	0.4	0.7	0.3	0.7	-0.4	0.2	0.2	-0.5	-0.6	-0.1	0.7	-0.1	0.2	0.1	0.3	0.7	0.3	-0.1	0.6	0.3	0.4	1.0	
Ga	0.0	0.2	0.5	0.2	0.3	0.2	0.3	0.0	0.2	0.2	0.7	0.4	0.1	0.3	-0.3	0.7	0.3	0.3	0.9	0.3	0.5	0.8	-0.3	-0.2	0.9	0.5	-0.4	0.2	-0.3	-0.1	0.8	0.9	1.0	0.3	1.0
Mo	-0.2	0.1	0.0	0.4	0.2	-0.1	0.1	0.4	0.2	0.0	-0.2	0.1	0.2	-0.2	-0.2	0.0	-0.2	0.1	-0.2	0.0	-0.5	-0.3	0.5	0.7	-0.5	0.1	0.9	0.2	0.7	0.1	-0.3	-0.4	-0.4	0.2	-0.4	1.0
U	-0.2	0.3	0.1	0.5	0.4	0.0	0.0	0.3	0.3	0.3	0.0	0.3	0.5	0.1	0.0	0.0	-0.2	0.2	-0.3	-0.2	-0.6	-0.5	0.7	0.7	-0.5	0.1	0.9	0.4	0.8	0.3	-0.2	-0.4	-0.4	0.4	-0.5	0.9
Th	-0.1	-0.1	-0.3	-0.1	-0.1	0.2	-0.2	0.0	-0.3	0.0	-0.3	-0.1	0.6	-0.1	0.2	-0.4	0.0	0.0	-0.6	-0.1	-0.5	-0.4	0.6	0.4	-0.7	-0.3	0.5	0.0	0.7	0.7	-0.6	-0.6	-0.7	0.0	-0.6	0.5
Hf	0.1	-0.3	0.2	-0.5	-0.5	-0.3	-0.3	0.1	-0.2	0.0	-0.1	-0.1	-0.4	0.0	-0.1	0.0	0.4	-0.1	0.3	0.7	0.9	0.6	-0.7	-0.2	0.3	0.2	-0.5	-0.6	-0.4	-0.1	-0.1	0.1	0.3	-0.4	0.4	-0.4
Nb	0.1	0.4	0.2	0.4	0.5	-0.3	0.7	0.0	0.3	0.0	0.3	0.3	-0.3	0.1	-0.2	0.4	-0.1	0.1	0.5	-0.2	0.0	0.3	-0.1	-0.2	0.3	0.1	-0.1	0.6	-0.2	-0.5	0.6	0.4	0.4	0.2	0.4	-0.1
Rb	-0.2	0.7	0.3	0.6	0.8	0.1	0.2	-0.1	0.2	0.5	0.6	0.6	0.8	0.5	0.1	0.5	-0.1	0.3	0.0	-0.3	-0.7	-0.1	0.8	0.2	-0.1	0.1	0.5	0.7	0.5	0.5	0.3	0.1	0.1	0.7	0.0	0.3
Sn	-0.2	0.6	0.3	0.5	0.6	0.1	0.0	0.2	0.2	0.7	0.8	0.6	0.2	0.7	0.2	0.7	-0.4	0.0	0.4	-0.3	-0.2	0.1	0.4	-0.3	0.5	0.2	0.0	0.3	0.0	-0.2	0.6	0.5	0.6	0.9	0.5	-0.2
Zr	0.0	-0.5	0.0	-0.5	-0.7	-0.1	-0.5	0.1	-0.3	0.0	-0.2	-0.2	-0.4	-0.1	0.1	-0.1	0.2	-0.3	0.2	0.6	0.8	0.3	-0.5	-0.1	0.3	0.2	-0.3	-0.7	-0.2	-0.1	-0.2	-0.1	0.1	-0.4	0.2	-0.3
Y	-0.1	0.6	0.7	0.6	0.6	0.0	0.4	0.2	0.5	0.5	0.9	0.7	0.3	0.6	-0.2	0.9	0.2	0.4	0.8	0.2	0.1	0.6	0.1	0.1	0.7	0.7	0.1	0.5	0.1	0.0	0.9	0.7	0.9	0.6	0.8	0.0
Ce	-0.2	0.5	0.3	0.5	0.5	0.0	0.0	0.0	0.1	0.5	0.3	0.6	0.6	0.4	0.1	0.3	0.1	0.4	-0.1	0.0	-0.6	-0.1	0.7	0.4	-0.4	0.2	0.7	0.6	0.8	0.5	0.0	-0.2	-0.2	0.5	-0.2	0.6
La	-0.2	0.3	0.0	0.4	0.4	0.1	0.0	0.0	-0.1	0.4	0.1	0.4	0.7	0.2	0.2	0.1	0.1	0.3	-0.3	-0.1	-0.6	-0.3	0.8	0.4	-0.5	0.0	0.7	0.5	0.9	0.6	-0.2	-0.4	-0.4	0.4	-0.4	0.6
In	-0.2	0.9	0.8	0.5	0.8	-0.2	0.1	0.0	0.4	0.9	0.8	0.9	0.2	0.9	0.2	0.9	0.1	0.5	0.4	0.0	-0.2	0.2	0.2	-0.3	0.4	0.4	0.0	0.4	-0.1	0.1	0.7	0.5	0.6	0.7	0.5	-0.2
Be	-0.1	0.7	0.6	0.4	0.7	0.0	0.2	0.2	0.4	0.6	0.8	0.7	0.5	0.7	-0.1	0.7	0.1	0.6	0.3	0.0	-0.4	0.1	0.3	0.0	0.3	0.3	0.2	0.3	0.0	0.3	0.6	0.5	0.5	0.6	0.4	0.1

'04 Seds	U	Th	Hf	Nb	Rb	Sn	Zr	Y	Ce	La	In
Th	0.7	1.0									
Hf	-0.5	-0.3	1.0								
Nb	-0.2	-0.6	-0.1	1.0							
Rb	0.6	0.4	-0.6	0.0	1.0						
Sn	0.0	-0.3	0.0	0.1	0.4	1.0					
Zr	-0.4	-0.1	0.9	-0.4	-0.7	0.0	1.0				
Y	0.1	-0.4	0.1	0.4	0.4	0.6	-0.1	1.0			
Ce	0.8	0.7	-0.4	-0.1	0.8	0.1	-0.4	0.3	1.0		
La	0.8	0.8	-0.5	-0.2	0.7	0.0	-0.4	0.1	1.0	1.0	
In	0.1	-0.3	0.0	0.2	0.5	0.7	-0.1	0.7	0.4	0.1	1.0
Be	0.2	-0.1	-0.2	0.0	0.7	0.6	-0.4	0.6	0.4	0.2	0.8

'04 Seds | Au,p | Ag,p | Cu | As | Hg,p | S% | Re,p | Se | Te | Pb | Zn | Cd | K% | Sb | Bi | Mn | Cr | Ni | Co | V | Ti% | Fe% | Cs | Na% | Mg% | Ca% | Sr | Ba | P% | B | Al% | Li | Sc | Tl | Ga | Mo



(Map from A.R. # 26751)

FIG. 4a

CONCLUSIONS

1. As documented in the 1989 A.R. #19743, previous mineral exploration in the Pimpernel claims area, including limited drilling, mainly focused on the geophysical conductors located to the south of the gabbro stock on the present Pimpernel claim.

The subdued but extensive pathfinder signature identified by the writer with high-quality silt samples from the small drainage along the west-northwest side of the gabbro stock suggests potential for blind Equity-type Cu-Ag-Au mineralization to be present in the under-explored western side of the Pimpernel property.
This subtle but significant anomaly could only be identified with high-quality, single phase, lithic drainage samples, and would be lost to organics- and light clay minerals-contaminated routine stream sediment sampling surveys.

2. The weakly anomalous precious- and base-metals trace element geochemistry in rock samples collected on the Pimpernel mineral claims and vicinity occur in association with elevated Fe, Mn values in limonite, and secondarily with carbonate elements, both present as fracture coatings, which, like the anomalous drainage samples, indicate hydromorphic dispersion from oxidized sulfide minerals, probably at some depth.

RECOMMENDATIONS

1. The Pimpernel mineral claims and vicinity, particularly their under-explored western side, should be covered with a detailed geochemical high-quality drainage sampling survey, and the results integrated with those of previous reconnaissance-scale high-quality drainage sampling, in order to completely define the nature and extent of the pathfinder multi-element anomalies for possible Equity-style Cu-Ag-Au mineralization.

2. The Pimpernel mineral property should be extended to the west, to cover the newly-identified prospective ground.

REFERENCES

Church, B.N., Geology, Exploration and Mining in British Columbia, 1972, p.374-377.

A.R. # 25485: Zastavnikovich, S., Geochemical Reconnaissance Assessment Report on the Pimpernel Mineral Claim, Mar.,1998, for owner Electrum Res. Corp.

A.R. # 24892: Candy, C., Report on a MaxMin Survey, Pimpernel Project, Jan.,1997.

A.R. # 19743: Demczuk, L., and Sampson, C.J., Report on 1989 Diamond Drilling Program on the Hagas Claims, Dec.,1989, for Progold Res. Ltd.

A.R. # 26751: Zastavnikovich, S., Geochemical Assesment Report on the Silver Hope Mineral Claims, Nov.,2001, for owner Sci-Tek Resources Ltd.

CERTIFICATE

I, Sam Zastavnikovich, do hereby certify that:

1. *I am a consulting geochemist with offices at 5063-56th Street, Delta, B.C., V4K 3C3, and am a 1969 graduate of the University of Alberta, with B. Ed. degree in Physical Sciences.*

2. *I have been continuously employed from 1969 to 1982, and seasonally since 1966, by Falconbridge Ltd. of Toronto and Vancouver as field geochemist working in Canada, U.S.A., the Caribbean and S. America.*

3. *Since 1982 to present I have continuously practiced as a consulting geochemist in the mineral exploration industry.*

4. *I am a Fellow of the Association of Exploration Geochemists.*

5. *I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia, Canada.*

6. *I have no direct nor indirect interest in the subject properties or the client company.*

7. *This report is based on my own fieldwork and observations on the property.*

S. Zastavnikovich, P. Geo.
Consulting Geochemist

PROFESSIONAL
PROVINCE OF
S. Zastavnikovich
BRITISH COLUMBIA
GEOSCIENTIST

APPENDIX I

Statement of Expenditures

PIMPERNEL GROUP Mineral Claims

Fieldwork & travel (Sept. 29,30, Oct 02-05,07, 2004):	
Project preparation (Sept.28th, 1 day @ $400/d)	400.00
S. Zastavnikovich, geochemist, 7 days @ $400/d	2800.00
Food, 7 man days @ $35/d	245.00
Lodging, trailer, 7 days @ $50/d	350.00
Transport, 4 x 4 truck, 7 days @ $50/d	350.00
Fuel ($542.15), and mileage @ 10c/km (327.00)	869.15
Field Supplies,	88.19
Telephone,	48.00
Sample preparation, delivery, office consultation, Oct.29,	400.00
Analysis, (on 15 gram sample):	
23 sediment, soil, till samples, prep @ $1.60	36.80
16 rock samples, prep @ $5.25	84.00
39 Gp.1F ICP-MS + OPT, fire geochem. Au @ $22.25	867.75
GST 7% on Analysis	84.00
Assessment Report:	
Geochemical Report preparation and interpretation,	2000.00
Report typing, maps, reproductions	350.00
Statement of Work prep. and registration, (Dec. 8th, ½ d)	200.00
Report deliveries and consultation, (½ d.)	200.00
Two trips, mileage @ 20c/km and parking	40.00
Total Expenditure	$ 9,412.89

APPENDIX II

'04 Rock Sample Descriptions- Pimpernel Mineral Claims

Sample # Description

PR001 - Grayish carbonate-mud-cement, with 20% <1 cm. siliceous volcanic fragments. May not be in place.

PR002 - Similar to PR 001 above, but with 90% siliceous volc. frag.s. in vesicular carbonate cement.

PR003 - Isolated reddish-gray siliceous volcanic fragments, as above in PR002 but larger, massive, without the cement.

PR004 - Dark green volcanic rock, epidotized, non-magnetic. Outcrop.

PR005 - As PR004 above, but more strongly epidotized, w. calcite veinlets. Outcrop.

PR006 - Purplish volcanic breccia, with 1-2 cm. wide ankeritic veins. Outcrop.

PR007 - Dark greenish volcanic, with quartz-carbonate veinlets. Float.

PR008 - Light greenish fine grained qrtz-fldspr porph. w. a few biotite flakes. Float.

PR009 - Whitish rhyolite to crystal lithic tuff, w. Fe,Mn-coated hair fraftures. Outcrop.

PR010 - Dark greenish andesite dyke?, w. Fe,Mn-sealed oxidized fractures. Outcrop.

PR011 - Dense rhyolite, with parallel hairline ankeritic fractures. Outcrop.

Located 2km. east of property, in roadside quarry outcrop at km 39:

PR012 - Dark green brecciated andesite, with quartz-calcite blebs and veinlets, rusty.

PR013 - As PR012 above, but completely fresh, no visible rust.

PR014 - Rusty intermediate volcanic, with ankeritic vuggs.

APPENDIX II

'04 Rock Sample Descriptions- Pimpernel Mineral Claims

Sample # Description

PR001 - Grayish carbonate-mud-cement, with 20% <1 cm. siliceous volcanic fragments. May not be in place.

PR002 - Similar to PR 001 above, but with 90% siliceous volc. frag.s. in vesicular carbonate cement.

PR003 - Isolated reddish-gray siliceous volcanic fragments, as above in PR002 but larger, massive, without the cement.

PR004 - Dark green volcanic rock, epidotized, non-magnetic. Outcrop.

PR005 - As PR004 above, but more strongly epidotized, w. calcite veinlets. Outcrop.

PR006 - Purplish volcanic breccia, with 1-2 cm. wide ankeritic veins. Outcrop.

PR007 - Dark greenish volcanic, with quartz-carbonate veinlets. Float.

PR008 - Light greenish fine grained qrtz-fldspr porph. w. a few biotite flakes. Float.

PR009 - Whitish rhyolite to crystal lithic tuff, w. Fe,Mn-coated hair fraftures. Outcrop.

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Located 2km. east of property, in roadside quarry outcrop at km 39:

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PR013 - As PR012 above, but completely fresh, no visible rust.

PR014 - Rusty intermediate volcanic, with ankeritic vuggs.

APPENDIX III

Analytical Certificates and Procedures

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Barakso Consultants Ltd. PROJECT Pimpernel File # A406735 (a)

912 - 510 W. Hastings St., Vancouver BC V6B 1L8 Submitted by: Sam Zastavnikovich

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
SI	.11	1.08	.59	1.0	3	.5	.1	5	.04	.1	<.1	.2	<.1	3.7	<.01	.04	<.02	<2	.17	<.001	<.5	1.5	.01	4.8	.001	1	.01	.675	.01	<.1	.1	<.02	.01	<5	.1	<.02	<.1
PR 001	.16	4.81	1.47	24.7	56	2.9	3.7	366	1.04	3.1	1.2	1.3	.8	2094.7	.14	.08	<.02	22	20.77	.068	8.3	1.3	.85	355.8	.005	2	.25	.028	.02	<.1	2.1	.02	<.01	8	.1	.07	1.0
PR 002	.43	7.53	2.67	55.0	46	1.7	8.5	988	2.54	6.5	1.9	.4	2.2	800.3	.23	.10	<.02	53	16.36	.116	13.4	.8	1.95	187.8	.009	2	.35	.035	.02	<.1	3.9	.03	.01	5	.1	.04	1.7
PR 003	.52	13.26	1.78	66.1	33	6.7	10.8	882	3.72	7.6	.7	.2	4.2	207.6	.06	.11	<.02	66	2.90	.216	24.9	2.7	.47	80.9	.024	2	.67	.081	.06	<.1	6.7	.02	<.01	<5	<.1	<.02	3.2
PR 004	.18	78.66	.56	57.9	24	94.8	31.0	609	3.65	1.5	.1	.8	.2	47.9	.05	.04	<.02	90	1.44	.049	1.9	162.0	3.28	62.2	.115	3	3.20	.189	.05	<.1	4.4	<.02	<.01	<5	<.1	<.02	6.6
PR 005	.52	6.56	4.16	16.7	12	30.5	7.1	594	1.47	7.4	.1	.3	.1	136.9	.18	.33	.02	69	7.38	.027	3.8	76.5	.45	18.4	.033	2	1.31	.004	.01	<.1	7.8	<.02	<.01	<5	.1	<.02	3.5
PR 006	.13	104.99	19.50	67.8	35	11.3	17.5	801	2.13	65.8	.1	1.1	.6	30.1	.51	1.03	.03	59	2.61	.008	2.9	4.5	.12	48.5	.002	8	.69	.009	.09	<.1	15.0	.14	.01	6	<.1	.02	1.8
PR 007	.47	13.46	5.47	68.6	73	2.0	3.4	905	1.98	6.9	.3	3.2	1.5	11.4	.05	.47	.07	11	.62	.037	8.8	2.1	.15	53.2	.005	5	.67	.035	.19	<.1	7.0	.04	<.01	<5	.1	.04	2.4
PR 008	2.16	4.64	6.99	49.1	30	3.2	3.9	552	1.68	.9	1.6	<.2	9.2	18.8	.07	.10	.06	29	.45	.060	24.9	3.4	.30	159.4	.094	1	.54	.072	.24	<.1	3.0	.06	.01	5	<.1	<.02	3.4
PR 009	.95	8.35	30.75	65.9	51	.4	2.6	595	1.47	11.4	.1	<.2	.9	12.4	.15	.61	.05	7	1.53	.022	3.5	.5	.04	50.3	.001	2	.50	.011	.13	<.1	1.3	.03	.17	175	.1	<.02	1.0
PR 010	.17	64.61	3.35	96.2	46	3.5	23.9	1449	6.45	16.7	.1	<.2	.6	84.0	.07	.89	.02	180	3.61	.073	4.0	1.0	1.51	86.7	.010	5	2.15	.023	.06	<.1	20.8	.03	<.01	19	.1	<.02	7.7
PR 011	1.46	6.21	99.00	98.7	43	1.4	1.5	579	.97	7.0	.1	1.7	1.0	14.1	1.10	.36	<.02	2	1.32	.019	5.0	.8	.05	37.9	<.001	2	.42	.032	.13	<.1	.8	.02	.09	23	<.1	<.02	.9
PR 012	.56	78.64	5.83	38.5	127	23.0	26.5	667	3.79	80.2	.1	8.2	.2	18.7	.17	.24	.03	160	4.90	.023	1.2	62.5	1.48	19.0	.195	3	3.01	.032	.04	<.1	16.0	.03	.67	118	.8	<.02	7.6
PR 013	.40	93.96	1.42	9.7	27	8.7	11.2	463	1.37	12.3	.1	1.4	.1	18.7	.04	.05	<.02	63	12.44	.011	.9	25.5	.27	2.0	.085	4	2.40	.007	<.01	<.1	7.0	<.02	.12	19	.2	<.02	7.2
PR 014	.98	30.10	3.68	19.0	79	14.8	13.2	304	4.42	89.2	.1	2.3	.2	14.6	.06	.39	.02	113	1.35	.029	.6	50.3	.62	561.7	.153	3	1.96	.015	.21	<.1	9.9	.06	.40	87	.2	<.02	4.3
RE PR 014	1.02	31.20	3.82	20.4	87	15.3	13.4	318	4.53	91.3	.1	2.4	.2	15.8	.06	.41	.02	118	1.44	.031	1.0	50.7	.64	609.4	.162	3	2.03	.018	.19	<.1	10.6	.06	.39	90	.2	<.02	4.6
GROC 06	.94	11.65	3.30	37.1	22	25.9	12.5	482	3.15	.6	.7	<.2	3.7	90.7	.04	.03	.04	71	.82	.148	28.5	38.6	.82	139.4	.140	1	1.09	.124	.19	<.1	7.0	.08	<.01	<5	<.1	<.02	3.7
GROC 07	.58	30.71	5.89	64.5	20	36.5	15.8	654	3.32	.3	1.1	<.2	5.5	197.9	.07	.03	.06	33	1.09	.173	40.3	39.9	1.47	1513.9	.156	<1	1.66	.100	.25	<.1	7.7	.07	<.01	<5	<.1	<.02	5.1
STANDARD DS5	12.35	144.69	25.72	139.9	288	24.5	11.8	742	2.99	18.0	5.7	43.1	2.6	46.0	5.40	3.85	5.98	59	.73	.096	12.1	179.9	.68	136.3	.092	18	1.97	.032	.14	5.0	3.3	1.03	.03	174	4.9	.88	6.4

GROUP 1F15 - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: ROCK R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA ____ DATE RECEIVED: OCT 29 2004 DATE REPORT MAILED: Nov 24/04

BRITISH COLUMBIA CERTIFIED ASSAYER
C.L
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

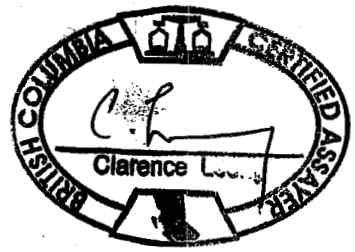
Barakso Consultants Ltd. PROJECT Pimpernel File # A406735 (b)

912 - 510 W. Hastings St., Vancouver BC V6B 1L8 Submitted by: Sam Zastavnikovich

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
SI	.01	<.1	<.02	.02	.1	<.1	<.05	.6	.06	<.1	<.02	<1	<.1	.2	15
PR 001	.30	<.1	.03	.24	.9	.2	<.05	.7	6.11	16.4	.02	<1	.2	2.8	15
PR 002	.26	.1	.05	.19	1.3	.6	<.05	4.6	10.32	26.9	.02	<1	.2	3.6	15
PR 003	.27	.2	.14	.21	3.0	.7	<.05	6.4	15.53	49.4	.04	<1	.4	4.9	15
PR 004	.17	.1	.09	.05	1.2	.1	<.05	3.1	2.76	4.2	<.02	<1	.1	17.2	15
PR 005	.45	.1	.10	.02	.3	.1	<.05	2.6	5.57	4.0	.02	<1	.3	2.1	15
PR 006	1.81	.1	.11	<.02	3.5	.2	<.05	3.6	12.41	6.7	.04	<1	.2	15.6	15
PR 007	.99	.1	.10	<.02	6.2	.5	<.05	2.1	16.88	18.7	.05	<1	.4	5.2	15
PR 008	.75	.1	.34	.28	11.6	.7	<.05	7.4	9.70	45.9	.02	<1	.4	6.1	15
PR 009	1.01	<.1	.06	<.02	3.4	.1	<.05	1.9	5.43	7.7	<.02	<1	.2	3.7	15
PR 010	7.68	.2	.09	.04	3.7	.4	<.05	1.2	17.18	9.2	.07	<1	.2	32.3	15
PR 011	.84	<.1	.03	<.02	3.1	.1	<.05	.8	4.87	10.5	<.02	<1	.1	1.7	15
PR 012	.18	.3	.19	.05	.9	.3	<.05	7.1	5.56	2.8	.02	5	.2	15.3	15
PR 013	.05	.4	.07	.03	<.1	.1	<.05	2.2	3.08	1.7	<.02	1	.1	3.0	15
PR 014	1.46	.1	.24	.06	3.9	.2	<.05	7.3	2.87	1.3	.02	1	.3	8.9	15
RE PR 014	1.53	.1	.26	.06	4.0	.2	<.05	7.7	3.08	1.4	<.02	2	.2	9.1	15
GROC 06	.52	.2	.09	.25	16.3	.6	<.05	10.4	15.22	50.8	.03	<1	.6	8.7	15
GROC 07	.32	.2	.03	.15	16.8	.9	<.05	4.8	25.32	53.3	.04	<1	.8	12.7	15
STANDARD DS5	6.06	.1	.07	1.67	14.0	6.4	<.05	3.7	6.10	23.6	1.33	<1	1.3	17.1	15

GROUP 1F15 - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: ROCK R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data f FA ____ DATE RECEIVED: OCT 29 2004 DATE REPORT MAILED: Nov 24/04



ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Barakso Consultants Ltd. PROJECT Pimpernel File # A406732 (a)

912 - 510 W. Hastings St., Vancouver BC V6B 1L8 Submitted by: Sam Zastavnikovich

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	1.36	3.11	2.14	38.7	9	3.8	3.4	498	1.92	.4	1.6	<.2	3.8	85.1	.01	<.02	.07	37	.55	.080	6.7	12.4	.51	203.3	.100	1	.97	.094	.41	1.2	2.4	.27	.01	<5	<.1	<.02	3.9
PSED 01	.63	18.65	15.11	125.6	197	14.3	9.3	2234	3.36	15.0	.7	1.3	1.1	44.4	.37	.78	.13	62	.49	.058	9.6	17.8	.47	181.6	.025	2	1.54	.013	.06	<.1	5.1	.16	<.01	32	.1	.02	4.0
PSED 02	.62	8.82	7.29	69.5	34	10.5	7.1	548	3.10	5.7	.7	.4	2.0	41.6	.12	.27	.12	72	.43	.080	11.0	19.4	.35	134.6	.046	4	.80	.018	.07	<.1	3.0	.07	.02	11	.1	<.02	3.0
PSED 03	.54	14.34	8.82	63.5	24	12.0	11.1	1184	5.32	5.4	.4	.3	1.1	26.4	.16	.33	.08	157	.51	.053	7.2	25.8	.49	73.0	.111	2	.96	.013	.03	<.1	4.3	.03	<.01	5	.1	<.02	4.1
PSED 04	.22	8.82	4.46	49.4	15	8.5	6.0	357	2.64	2.6	.3	.2	1.0	18.9	.03	.18	.04	69	.33	.034	4.9	16.1	.42	56.8	.075	1	.80	.012	.02	<.1	3.1	.03	<.01	5	.1	<.02	2.8
PSED 05	.57	9.77	5.41	63.8	22	8.1	7.3	750	3.86	7.3	.4	.8	1.3	31.1	.06	.29	.06	98	.39	.049	6.6	16.9	.38	76.9	.061	3	.83	.014	.06	<.1	3.4	.05	.01	7	<.1	<.02	3.1
PSED 06	.62	8.48	7.16	65.6	37	9.6	7.2	604	3.70	5.8	.6	29.9	1.8	37.9	.09	.29	.10	96	.43	.071	9.5	21.3	.35	101.1	.066	4	.82	.017	.07	<.1	3.1	.06	.02	12	.1	<.02	3.2
PSED 07	.55	8.51	6.42	57.8	30	10.0	7.0	600	2.88	5.8	.6	.4	1.6	39.0	.07	.25	.08	66	.41	.066	9.0	16.3	.36	108.0	.043	4	.83	.017	.07	<.1	3.1	.06	.02	10	<.1	<.02	2.9
PSED 08	.32	11.28	5.88	61.5	38	9.2	7.8	771	3.49	4.2	.3	58.9	.9	28.1	.08	.22	.06	92	.53	.042	5.5	18.6	.46	79.0	.090	1	1.00	.016	.03	<.1	3.9	.02	.01	7	.1	.02	3.5
PSED 09	.44	7.93	3.76	62.8	42	9.8	10.4	850	4.54	7.2	.3	.2	.9	22.5	.08	.15	.04	55	.35	.050	6.3	15.5	.45	178.3	.053	1	1.23	.013	.04	<.1	4.4	.07	.01	16	.1	<.02	4.0
PSED 10	.48	8.98	4.98	59.3	21	14.7	7.6	558	2.92	4.9	.4	.8	1.4	25.9	.06	.22	.07	68	.34	.046	7.5	20.7	.42	86.5	.046	2	.92	.011	.04	<.1	3.0	.04	.03	11	.1	<.02	3.1
PSED 11	.31	13.77	5.75	79.4	39	12.1	10.4	940	3.76	8.3	.4	.9	.9	36.3	.09	.30	.05	82	.58	.049	6.2	22.4	.70	99.5	.084	2	1.39	.018	.05	<.1	5.4	.05	.03	15	.1	.02	4.4
PSED 12	.26	7.87	7.14	100.2	30	7.9	10.4	1415	4.22	9.8	.3	.3	.9	28.5	.09	.38	.04	57	.46	.058	5.8	11.5	.67	100.8	.074	1	1.33	.013	.05	<.1	5.7	.12	.03	11	.1	<.02	4.7
PSED 13	.85	6.48	4.95	43.8	23	8.3	5.7	494	2.30	12.2	.7	.2	1.5	54.4	.05	.10	.07	51	.40	.076	9.2	13.9	.28	119.3	.045	1	.72	.017	.04	<.1	2.2	.06	.02	10	<.1	<.02	2.2
PSED 14	1.28	10.53	5.68	56.2	38	10.6	7.8	703	2.37	9.1	.9	.4	1.5	65.3	.08	.19	.06	64	.47	.069	8.6	12.1	.36	101.2	.040	1	.87	.022	.04	<.1	3.1	.08	.01	13	.2	.02	2.6
PSED 15	.28	8.07	10.69	57.3	63	8.3	6.8	572	2.09	6.1	.4	.4	1.4	31.3	.09	.53	.46	45	.36	.046	7.4	12.7	.35	86.1	.051	1	.84	.011	.03	<.1	2.8	.09	.01	14	.1	<.02	2.6
RE PSED 04	.17	8.76	4.01	50.4	12	8.3	5.9	360	2.59	2.5	.3	.5	.8	19.6	.04	.19	.04	66	.35	.034	4.7	15.9	.43	54.1	.077	1	.83	.011	.02	<.1	3.2	.03	.02	5	<.1	<.02	2.8
GSED 05	.59	14.19	6.57	66.3	41	22.2	10.7	934	2.99	4.7	1.3	.7	1.9	51.8	.15	.35	.07	72	.54	.096	18.0	40.9	.51	192.5	.085	1	1.37	.023	.07	<.1	4.8	.07	.02	31	.1	<.02	4.0
GSED 06	.42	9.48	4.82	58.3	32	16.2	8.4	822	2.60	3.6	.8	22.3	1.7	42.0	.07	.26	.04	62	.48	.076	14.0	32.1	.47	140.1	.086	1	1.24	.021	.06	<.1	4.1	.06	.01	39	.1	<.02	3.4
GSED 07	.86	16.66	7.29	87.9	55	18.0	11.7	1024	3.68	11.9	.9	.7	1.9	70.7	.24	.38	.06	108	.59	.089	16.0	46.2	.54	289.6	.096	1	1.38	.022	.09	<.1	5.3	.14	.05	55	.1	<.02	4.2
SHSED 01	1.47	31.63	20.45	94.8	513	44.6	14.0	511	5.95	23.4	.8	676.7	2.6	40.8	.32	5.14	.63	200	.68	.229	28.6	106.8	.57	173.7	.056	<1	1.01	.009	.06	.4	2.1	.04	.05	518	.2	.06	4.6
STANDARD DS5	12.29	146.90	25.64	137.0	280	24.9	11.7	783	3.03	18.0	6.2	44.0	2.9	46.2	5.35	3.80	6.03	61	.76	.095	12.5	177.2	.68	135.3	.097	18	1.99	.032	.14	5.0	3.4	1.05	.03	174	4.9	.87	6.4

GROUP 1F15 - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SED. SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data f FA ____ DATE RECEIVED: OCT 29 2004 DATE REPORT MAILED: Nov 22/04

BRITISH COLUMBIA CERTIFIED ASSAYER Clarence L

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Barakso Consultants Ltd. PROJECT Pimpernel File # A406732 (b)

912 - 510 W. Hastings St., Vancouver BC V6B 1L8 Submitted by: Sam Zastavnikovich

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
G-1	2.37	.1	.08	.53	33.2	.5	<.05	1.0	3.91	12.8	<.02	<1	.2	29.8	15
PSED 01	2.21	<.1	.04	.29	8.9	1.9	<.05	1.1	10.47	23.4	.06	1	.5	10.2	15
PSED 02	2.01	<.1	.06	.13	6.8	.5	<.05	2.6	6.93	22.1	.02	<1	.2	6.5	15
PSED 03	.50	.1	.16	.20	2.7	.5	<.05	4.7	8.48	16.0	.03	<1	.2	8.2	15
PSED 04	.45	<.1	.12	.18	2.5	.6	<.05	3.6	4.72	9.3	.02	<1	.2	6.3	15
PSED 05	1.31	<.1	.07	.12	5.6	.4	<.05	2.4	6.28	13.2	.02	<1	.3	7.0	15
PSED 06	1.59	.1	.08	.14	5.9	.8	<.05	2.5	6.55	18.9	.02	1	.3	7.1	15
PSED 07	1.74	<.1	.05	.13	6.4	.6	<.05	2.4	6.20	18.3	.03	<1	.3	7.5	15
PSED 08	.51	<.1	.08	.24	3.6	.4	<.05	2.8	6.34	11.5	.02	<1	.2	7.6	15
PSED 09	1.27	<.1	.05	.39	5.0	.5	<.05	1.3	7.58	13.1	.02	2	.2	10.7	15
PSED 10	.97	<.1	.04	.15	4.5	.4	<.05	1.8	5.11	14.4	.02	<1	.3	9.5	15
PSED 11	1.16	<.1	.07	.22	5.1	.7	<.05	2.5	8.89	13.1	.03	1	.3	11.8	15
PSED 12	1.45	.1	.09	.19	4.5	2.2	<.05	3.6	8.98	12.3	.03	<1	.3	13.4	15
PSED 13	2.04	<.1	.03	.25	4.8	.3	<.05	1.9	5.40	18.5	<.02	<1	.1	3.9	15
PSED 14	2.02	<.1	.05	.16	5.1	.7	<.05	2.4	6.81	17.7	.02	1	.3	5.7	15
PSED 15	2.05	<.1	.06	.16	4.6	1.2	<.05	3.0	5.20	14.0	.03	<1	.2	5.3	15
RE PSED 04	.46	<.1	.12	.18	2.4	.3	<.05	3.6	4.61	9.2	<.02	<1	.2	5.6	15
GSED 05	1.07	.1	.06	.47	14.5	1.0	<.05	4.4	11.78	36.1	.02	1	.5	9.8	15
GSED 06	.62	<.1	.18	.39	10.2	.8	<.05	5.8	8.53	26.7	.03	<1	.4	7.3	15
GSED 07	1.09	<.1	.11	.34	10.6	.7	<.05	6.6	11.26	31.3	.03	1	.5	10.4	15
SHSED 01	1.41	.1	.03	.23	4.7	.5	<.05	1.7	11.24	54.2	.03	<1	.3	12.3	15
STANDARD DS5	5.98	.1	.05	1.79	14.4	6.5	<.05	3.6	6.26	25.0	1.33	<1	1.2	16.7	15

GROUP 1F15 - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SED. SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data f FA ____ DATE RECEIVED: OCT 29 2004 DATE REPORT MAILED: Nov 22/04

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Barakso Consultants Ltd. PROJECT Pimpernel File # A406734 (a)

912 - 510 W. Hastings St., Vancouver BC V6B 1L8 Submitted by: Sam Zastavnikovich

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	1.56	3.33	2.25	38.1	8	4.1	3.6	493	1.89	.4	1.7	.3	3.9	89.9	.01	<.02	.08	37	.56	.080	8.0	13.5	.50	208.0	.107	<1	1.01	.094	.47	1.3	2.7	.27	<.01	<5	<.1	<.02	4.1
PT 01	.22	15.95	4.95	53.2	20	6.1	5.4	741	2.57	11.7	.3	1.1	.9	39.9	.09	.20	.06	39	.58	.038	8.7	10.8	.40	95.4	.011	<1	1.83	.060	.05	<.1	6.1	.03	.02	12	.1	.02	4.8
PT 02	.40	15.56	4.88	68.3	29	16.3	7.8	715	2.52	5.3	.3	.9	1.0	19.8	.09	.18	.08	52	.33	.060	5.9	17.4	.44	103.9	.042	2	1.31	.010	.05	<.1	4.0	.04	.02	13	.1	.02	3.6
STANDARD DS5	12.29	146.90	25.64	137.0	280	24.9	11.7	783	3.03	18.0	6.2	44.0	2.9	46.2	5.35	3.80	6.03	61	.76	.095	12.5	177.2	.68	135.3	.097	18	1.99	.032	.14	5.0	3.4	1.05	.03	174	4.9	.87	6.4

GROUP 1F15 - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: TILL SS80 60C

Data f FA ____ DATE RECEIVED: OCT 29 2004 DATE REPORT MAILED: Nov 22/04

BRITISH COLUMBIA CERTIFIED ASSAYER C.L. Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Barakso Consultants Ltd. PROJECT Pimpernel File # A406734 (b)

912 - 510 W. Hastings St., Vancouver BC V6B 1L8 Submitted by: Sam Zastavnikovich

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
G-1	2.47	.1	.09	.88	35.0	.5	<.05	1.2	4.58	14.8	<.02	1	.3	26.9	15
PT 01	1.17	<.1	.05	.10	2.4	.3	<.05	2.3	16.79	20.8	.02	<1	.4	9.2	15
PT 02	.73	<.1	.05	.27	4.5	.3	<.05	2.0	5.41	12.3	.02	<1	.3	9.0	15
STANDARD DS5	5.98	.1	.05	1.79	14.4	6.5	<.05	3.6	6.26	25.0	1.33	<1	1.2	16.7	15

GROUP 1F15 - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: TILL SS80 60C

Data f FA ____ DATE RECEIVED: OCT 29 2004 DATE REPORT MAILED: Nov 22/04

BRITISH COLUMBIA CERTIFIED ASSAYER C.L. Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Barakso Consultants Ltd. PROJECT Pimpernel File # A406733 (a)

912 - 510 W. Hastings St., Vancouver BC V6B 1L8 Submitted by: Sam Zastavnikovich

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	1.47	3.45	2.29	36.9	9	4.2	3.6	487	1.87	.5	1.7	<.2	4.0	88.0	.01	<.02	.08	37	.55	.077	8.1	13.4	.49	202.8	.108	<1	.98	.083	.42	1.3	2.5	.27	.01	<5	<.1	<.02	4.2
PS 001	.48	53.56	5.08	95.2	100	24.1	10.9	418	3.65	6.6	.3	.8	1.0	22.1	.09	.28	.09	88	.34	.094	4.4	44.0	.86	132.8	.059	1	2.54	.008	.05	<.1	4.8	.05	.02	27	<.1	.03	7.0
PS 002	.33	10.50	4.48	80.2	24	15.1	6.0	413	2.37	4.2	.2	.7	1.0	13.9	.05	.11	.07	50	.19	.078	5.0	18.4	.32	98.6	.027	1	1.42	.005	.04	<.1	2.7	.04	.02	11	.1	<.02	3.8
STANDARD DS5	12.29	146.90	25.64	137.0	280	24.9	11.7	783	3.03	18.0	6.2	44.0	2.9	46.2	5.35	3.80	6.03	61	.76	.095	12.5	177.2	.68	135.3	.097	18	1.99	.032	.14	5.0	3.4	1.05	.03	174	4.9	.87	6.4

GROUP 1F15 - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SOIL SS80 60C

Data f FA ____ DATE RECEIVED: OCT 29 2004 DATE REPORT MAILED: Nov 22/04

BRITISH COLUMBIA CERTIFIED ASSAYER Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Barakso Consultants Ltd. PROJECT Pimpernel File # A406733 (b)

912 - 510 W. Hastings St., Vancouver BC V6B 1L8 Submitted by: Sam Zastavnikovich

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Sample gm
G-1	2.46	.1	.08	.74	34.2	.6	<.05	1.2	4.61	14.7	<.02	<1	.3	28.2	15
PS 001	1.52	<.1	.08	1.10	6.8	.6	<.05	2.7	3.53	8.1	.03	<1	.3	15.6	15
PS 002	.83	<.1	.03	.54	5.4	.3	<.05	1.2	2.70	10.3	.02	<1	.3	7.9	15
STANDARD DS5	5.98	.1	.05	1.79	14.4	6.5	<.05	3.6	6.26	25.0	1.33	<1	1.2	16.7	15

GROUP 1F15 - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SOIL SS80 60C

Data f FA ____ DATE RECEIVED: OCT 29 2004 DATE REPORT MAILED: Nov 22/04

BRITISH COLUMBIA CERTIFIED ASSAYER Clarence Leong

Frypan Lake Lineament

Morice R.

Morice River

KM39

KM40

KM41

KM42

KM43

KM44

PSED07 (0.4, 39, 10, 9, 6)

PSED06 (30.0, 87, 12, 8, 6)

PSED05 (0.8, 22, 7, 10, 7)

PSED02 (0.4, 34, 11, 9, 6)

PR010, 11

PR009 (0.1, 51, 175, 8, 11)

PSED03 (0.3, 24, 5, 14, 5)

PR007, 8 (3.2, 73, 1, 13, 7) (0.1, 30, 5, 1, 5)

PSED08 (59.0, 38, 7, 11, 4)

PSED09 (0.2, 42, 16, 8, 7)

PT01 (1, 20, 12, 16, 12)

PSED04 (0.2, 15, 5, 9, 3)

PR005 (0.3, 12, 1, 7, 7)

PR004 (0.8, 24, 79, 2)

PS001 (0.8, 100, 27, 54, 7)

PSED11 (0.9, 39, 15, 14, 8)

PT02 (0.9, 29, 13, 16, 5)

PS002 (0.7, 24, 11, 11, 4)

PSED10 (0.8, 21, 11, 9, 5)

PSED12 (0.3, 30, 11, 8, 10)

Frypan Lk.

L.C.P.B.

(1.3, 197, 32, 15, 5)

PSED01

PR001, 2, 3 (1.3, 56, 8, 5, 3) (0.4, 46, 5, 8, 7) (0.2, 33, 1, 13, 8)

McBride Lake Lineament

PSED15 (0.4, 63, 14, 8, 6)

Gabbro Stock (approximate)

PR006 (1.1, 35, 6, 105, 66)

PSED13 (0.2, 23, 16, 6, 12)

PSED14 (0.4, 38, 13, 11, 9)

Poplar Lk. Lineament

LEGEND

GEOLOGY

- Intrusive Contact, approx.
- Lineament

GEOCHEMISTRY

Sample

- X PR01 – Rock, (X) float
- ○ PSED01 – Sediment
- △ PT01 – Till
- □ PS 001 – Soil

—ppb—, —ppm—

(0.4, 32, 18, 59, 7) -Au, Ag, Hg, Cu, As

0 500m. 1 K.M.

PIMPERNEL MINERAL PROPERTY

SCALE: 1:10,000	APPROVED BY	DRAWN BY
DATE: Dec., 2004	For Electrum Res,	S.Z.

GEOCHEMISTRY

OMINECA M.D. – NTS 93L/3E | DRAWING NUMBER FIG. 4

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