# GEOCHEMICAL AND GEOLOGICAL REPORT



On the

HOM CLAIM (514098)

┙ Logan Lake Area Kamloops Mining Division

92I-7E (50° 26' North Latitude, 120° 40' West Longitude)

For

GRANT F. CROOKER 2522 Upper Bench Road Keremeos, BC V0X 1N0 (Owner and Operator)

By

# GRANT F. CROOKER, P.Geó?, CONSULTING GEOLOGIST

August 2006

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#### 1.0 SUMMARY

The Hom project consists of one cell mineral claim covering 500 hectares located in the Kamloops Mining Division. It is located approximately 12 kilometres east of Logan Lake in southern British Columbia and is owned and operated by Grant F. Crooker of Keremeos, BC.

The general area of Kamloops-Merritt has been the scene of intense exploration and mining activity for more than 100 years. The exploration culminated with the discovery and development of the bulk tonnage copper-molybdenum deposits at Craigmont, Afton and Highland Valley.

Exploration has been carried out in the vicinity of the Hom project since the late 1880's with seven mineral occurrences (Figure 3.0) having been documented. These include Bertha/Molly, Chatrandts, JHC, Rhyolite, Pom Pom, Plug and Meadow. Shaft sinking, trenching, drilling, prospecting and geological, geochemical and geophysical surveys have been carried out over the showings. Most of the old showings are related to copper mineralization. However the Plug and Meadow showings have yielded significant gold and silver values.

Late Triassic Nicola Group arc-volcanic rocks and sedimentary facies underlie the Hom property, most of which are central belt facies rocks that are mainly augite and plagioclase-phyric basalt flows and associated breccias.

During 1986 Western Resource Technologies Inc. carried out a stream sediment sampling survey in the Logan Lake area, part of which covered the Hom property. One drainage yielded stream sediment samples anomalous in gold (64 ppb), silver (1.7 to 2.0 ppm) and arsenic (21 to 35 ppm).

The 2006 work program was designed to test the area of the anomalous stream sediment samples with additional stream sediment sampling and soil sampling.

The following conclusions can be drawn from the 2006 work program:

- 1.1 The stream sediment sampling delineated one strongly anomalous gold value (120 ppb) and one weakly anomalous gold value (10 ppb). Both values were collected from the same northerly flowing stream in the southeast corner of the Hom property.
- 1.2 The soil sampling did not delineate any strongly anomalous gold values. A number of weakly anomalous gold values (10 ppb) were delineated along line 1400N between 700E and 800E.
- 1.3 The soil sampling delineated a strongly anomalous, coincidental molybdenum-antimony-lead anomaly on line 1200N between 1000E and 1350E. Arsenic is also elevated within the anomaly.
- 1.4 The absence of copper with the strong molybdenum anomaly precludes the possibility of a coppermolybdenum prospect.
- 1.5 The strong molybdenum-antimony-lead anomaly with elevated arsenic values is similar to the pathfinder geochemistry associated with the Melba epithermal gold-silver prospect located 6 kilometres northeast of the Horn project. The molybdenum-antimony-lead anomaly could be an expression of an epithermal prospect.

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Recommendations are as follows:

- 1.1 The additional soil samples collected during the 2006 program should be analysed for gold and by 28 element ICP.
- 1.2 Additional grid lines should be established and soil sampled north and south of line 1200N to determine the extent of the molybdenum-antimony-lead anomaly.
- 1.3 Prospecting and geological mapping should be carried out over the grid lines to determine the source of the molybdenum-antimony-lead anomaly.
- 1.4 An additional claim should be staked south of the Hom claim to protect any extensions of the molybdenum-antimony-lead anomaly to the south

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#### 2.0 INTRODUCTION

#### 2.1 GENERAL

Field work was carried out on the Hom project by Grant F. Crooker, P. Geo. of GFC Consultants Inc. (owner and operator) during May of 2006.

The work program consisted of establishing grid lines, soil and stream sediment geochemical sampling, prospecting and limited geological mapping.

#### 2.2 LOCATION AND ACCESS

The property (Figure 1.0) is located approximately 12 kilometres east of Logan Lake in southern British Columbia and is centred at lies 50° 26' north latitude and 120° 40' west longitude (NTS 92I-7E).

The Surrey Lake Forest Access road provides access to the property. A rehabilitated logging road turns off the Surrey Lake road 500 metres south-west of Desmond Lake and cuts through the centre of the property, while numerous old four wheel drive roads access other areas.

#### 2.3 PHYSIOGRAPHY

The property is located in the Interior Plateau of southern British Columbia. Topography is gentle to steep and elevation varies from 1220 to 1380 metres above sea level. Snowfall is not excessive and water is usually available from the creek and swamps.

Vegetation consists of swamps, open grassy meadows and forest-covered areas. The forested areas vary from aspen and spruce to jack pine and fir.

#### 2.4 PROPERTY AND CLAIM STATUS

The Hom mineral claim (Figure 2.0) is owned by Grant F. Crooker of 2522 Upper Bench Road Keremeos, BC, V0X 1N0 and consists of one cell claim covering 500 hectares.

			TABLE 1.0 - CLA	IM DATA	
Property	Area Ha	Mining Division	Tenure No.	Good To Date y/m/d	New Good To Date m/d/y
НОМ	576.22	Kamloops	514098	2006/Jun/17	2008/Dec/08*

\* Upon acceptance of this report.

#### 2.5 AREA AND PROPERTY HISTORY

The Kamloops-Merritt-Logan Lake area has been the scene of intense exploration activity over the past 100 years. This activity culminated with the discovery and development of the porphyry copper-molybdenum mines in the Highland Valley, the Craigmont mine near Merritt and the Afton mine near Kamloops, beginning in the 1960's. Small mines with good copper-gold values were worked south of Kamloops Lake in earlier days.

Prospecting and development has been carried out in the vicinity of the Hom property for almost 100 years, although no showings are known on the Hom claim. The documented showings near the property (Figure 3.0) are Bertha/Molly, JHC, Pom Pom, Chatrandts, Rhyolite, Plug and Meadow. Shaft sinking, trenching, drilling, prospecting, and geophysical and geochemical surveys have been carried out on the properties, and a brief summary of the showings is given below.



#### **Bertha/Molly Showing**

The Bertha/Molly showing was first staked in 1888 by Wright and Fletcher. A shaft was sunk on the main showing (No. 1 Showing) and lodes 3 feet to 4.5 feet in thickness were discovered. In 1928 Meadow Creek Mines worked the Number 1 Showing and a few tons of high-grade copper ore were sorted for shipment. Dunmore Mines Ltd. carried out road building, trenching and diamond drilling in 1954. A small mill was erected but the supergene copper minerals were not amenable to gravity concentration. Dunmore Mines in 1957 and Hemsworth reported that the holes encountered only sparse mineralization.

Highhawk Mines Ltd. and Consolidated Standard mines Ltd. acquired ground in the vicinity in 1972. Approximately 17 line miles of grid were established northwest of Dupont Lake to encompass Number 2 and 4 Showings. Soil geochemical and Induced Polarization surveys were conducted and two diamond drill holes totalling 750 feet were drilled to test IP anomalies flanking copper soil geochemical responses. Both holes encountered fracture related copper mineralization but the holes were not assayed and the claims were allowed to lapse.

#### JHC SHOWING

Vanex Minerals Ltd. acquired claims covering the JHC showing in 1958. They conducted magnetic surveys and physical work under the direction of Hill, Stark and Associates, consulting Engineers. In 1959 Vanex drilled two holes in the JHC area:

Hole No. 1

This hole was located approximately 3000 feet north of Homfray Lake and was drilled vertically to a depth of 358 feet to test a magnetic high. The lower portion of the hole encountered a siliceous, altered grey-green rock with considerable pyrite. No assays were reported but the recommendation was made to extend the hole to 1000 feet.

Hole No. 2

This hole was located on the west shore of Homfray Lake and was drilled at minus 45 degrees to a depth of at least to 293 feet. Altered volcanic rocks were noted but no mineralization was reported and no reason given for drilling the hole.

Craigmont Mines Limited staked claims in the area of the JHC showing in 1970. A small survey consisting of geological mapping, geochemical sampling and magnetic and IP surveying was conducted. Two holes totalling 800 feet were drilled but the location and results of the drilling are unknown.

#### Pom Pom Showing

Newmont Mining Corporation of Canada staked the Pom Pom claims in 1973 after copper mineralization grading 0.17% copper was discovered. A small grid was established and mapping, soil geochemical sampling, magnetic and IP surveying (one line mile) were conducted. Follow up investigations were not conducted.

#### **Chatrandts Showing**

The Minister of Mines Report for 1916 describes the showing as consisting of several deep open cuts and a 40foot long adit. The location is not well documented and no further information is available on the showing.



#### Plug and Meadow Showings

In 1972 Texada Mines Ltd. conducted geological mapping, magnetic and IP surveying and soil geochemical sampling (copper, zinc and silver) on 14 line miles of grid covering the Plug and Meadow showings. The coincidental targets were percussion drilled with eight holes totalling 1400 feet.

The Plug showing is described as underlain by altered lapilli tuff, minor lenses of limey sediments and chloritic schist. Narrow hornblende and andesite sills cut the sedimentary and volcanic rocks. Carbonate-quartzmariposite schist with a N 20° W strike and a steep easterly dip is in contact with the chloritic schist. One percussion drill hole tested the zone and encountered altered volcanic rocks with no visible mineralization.

The Meadow showing is underlain by chlorite-mica-feldspar schist and a pyritic quartz feldspar porphyry. Narrow hornblende and andesite sills cut the other rock types.

A five to ten-foot wide zone of quartz-mariposite schist (east-west strike, dip 75° south) occurs within the chlorite-mica-feldspar schist and contains minor silver bearing galena, sphalerite and chalcopyrite. During 1959 several AX diamond drill holes tested this zone, but the results are unknown.

From 1985 to 1988 Western Resource Technologies Inc. carried out work programs on the Rhyolite, Dupont Lake and Meadow Creek grids (Figure 3.0). A silt sampling program was carried out over all drainages covered by the WRT claims. Soil and rock geochemical sampling, prospecting and magnetic and VLF-EM surveys were carried out over the grids. Anomalous copper, lead, zinc, gold, silver and arsenic values were found in silt and soil samples. As well, a number of VLF-EM conductors and magnetic trends were found.

During 1996 and 1997 Goldcliff Resource Corporation conducted work programs on the Plug and Meadow showings The 1996 program established a grid over most of the property and conducted soil geochemical sampling and VLF-EM and magnetic surveying over the grid. Silt geochemical sampling was also carried out on the major drainages on the property.

The 1997 work program consisted of trenching and percussion drilling of the Plug and Meadow showings. At the Plug showing, trenching discovered economically significant gold and silver values over a 10 metre strike length, related to a one to two metre wide, east-west striking, moderately south dipping shear zone. The shear zone yielded gold values ranging from 1.005 grams/tonne across 1 metre to 4.560 grams/tonne across 2 metres, and silver values ranging from 36.8 grams/tonne across 1 metre to 113 grams/tonne across 2 metres. Carbonate-quartz-mariposite alteration adjacent to the shear zone also yielded moderately to strongly anomalous gold and silver values. Gold values ranged from 0.20 grams/tonne across 0.50 metres to 84.8 grams/tonne across 1.5 metres.

Percussion drilling of the shear zone and carbonate-quartz-mariposite alteration yielded strongly anomalous gold and silver values. The interval from 10 to 40 feet (five foot sample intervals) yielded anomalous gold values ranging from 0.700 to 2.850 grams/tonne, and anomalous silver values ranging from 4.8 to 40.2 grams/tonne.

Stream sediment sampling on the Hom property by a previous operator yielded several samples anomalous in gold and arsenic. The 2006 work program was designed to follow up on these anomalous stream sediment samples.

#### 3.0 EXPLORATION PROCEDURE

#### 3.1 GRID PARAMETERS

-survey total -2.0 kilometres -baseline direction north-south -survey lines perpendicular to baseline -survey line separation 200 metres -survey station separation 25 metres -stations marked with flagging and metal tags with grid coordinates -declination 19 degrees

#### 3.2 GEOCHEMICAL SURVEY PARAMETERS

- -survey total -7 stream sediment samples collected -stream sediment samples collected from active portion of stream -stream sediment samples sieved to -20 mesh in field -approximately 500 grams of material collected for each sample
- -survey total -74 soil samples collected -38 samples sent for analysis -survey line separation 200 metres -survey sample spacing 25 metres -soil sample depth 10 to 20 centimetres -samples taken from brown B horizon -approximately 500 grams of material collected for each sample

The stream sediment geochemical values were plotted on Figure 5.00 and the certificates of analysis listed in Appendix I. The soil geochemical values were plotted on Figures 5.20 through 5.60.

#### 3.3 SAMPLE ANALYSIS

Stream sediment and soil samples collected were sent to Eco Tech Laboratory Ltd., 10041 Dallas Drive, Kamloops BC, V2C 6T4 for analysis. Laboratory technique for silt sediment and soil samples consisted of drying the samples and sieving to minus 80 mesh. Gold (30 gram sample, fire assay, atomic adsorption finish, results in parts per billion) and 28 element ICP analysis (Jarrel Ash 61E ICP, aqua-regia digestion) were carried out on all the samples.

Eco Tech Laboratory Ltd. is not ISO 9002 certified, however all Eco Tech assayers are certified by the British Columbia government. Resplit and repeat analyses were performed with excellent correlation to the original results.

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#### 4.0 GEOLOGY AND MINERALIZATION

#### 4.1 REGIONAL GEOLOGY

The area of the property lies within the Intermontane Belt of the Canadian Cordillera and is part of Quesnellia. Late Triassic arc-volcanic rocks (Figure 4.0) and volcanogenic sedimentary rocks of the Nicola Group underlie the property.

The Nicola Horst lies approximately 3 kilometres east of the property and is a northerly trending block 40 kilometres long, entirely separated from the surrounding Nicola Group volcanic rocks by Tertiary normal faults. The Clapperton fault forms the west boundary fault of the Nicola Horst, and this Tertiary extensional fault may provide a conduit for mineralising solutions in the Logan Lake area.

#### 4.2 CLAIM GEOLOGY

Late Triassic arc-volcanic rocks and sedimentary facies of the Nicola Group that have been divided into three belts on the basis of distinct facies and assemblages underlie or outcrop adjacent to the Hom property. These three belts have been named the western (TNw), central (TNc) and eastern (TNe) belts.

Central belt facies rocks that are mainly augite and plagioclase-phyric basalt flows and associated breccias underlie most of the property. Sub-volcanic intrusions of diorite and gabbro are also abundant. Eastern belt facies rocks that consists almost entirely of mafic augite-phyric volcaniclastic rocks, ranging from coarse breccias to fine wacke and siltstone lie northeast of the property. Western belt facies rocks that consist of a succession of calcalkaline, mainly plagioclase-phyric andesite flows and breccias, with lenticular interlayers of limestone and bedded volcaniclastic rocks lie southwest of the property.

Three outcrops were mapped on a recently rehabilitated logging road (Figure 5.0). The outcrops consisted of green and minor purple basalt flows with 1 to 10 millimetre calcite filled amygdules. Epidote was also noted along some fractures.

#### BC Administrative Area Layers

- 🛚 🔺 BC Communities
  - City
  - ₩ Town
  - Village
  - Resort Municipality
  - Settlement
  - **Community**
  - A District Municipality

#### **Mineral Titles Layers**

- MTO Mineral Titles Online Labels <200K Placer Mineral
- **Topographic Layers** 
  - Roads 1:250K (<2M)
  - Contours index1:20K (<200K)
  - Lakes 1:250K (<2M)
    - Rivers 1:250K (<2M)

#### Grid Layers

2.5%

2.000

Grid 1:20K maps - outline

# BCGS Geology Layers 2005

- Bedrock geology by lithology (hatched) alkaline volcanic rocks alluvium, till ∑andesitic volcanic rocks argillite. greywacke, wacke, conglomera...

C

- basaltic volcanic rocks Stimodal volcanic rocks L. I blueschist metamorphic rocks

2,000

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#### SCALE 1:21,349 **GRANT F. CROOKER** HOM CLAIM LOCATION AND GEOLOGY erec. FESSIO KAMLOOPS MINING DIVISION 4,000 6,000 PROVINCE 921-047 OF F. CROOK FIG 4.0 BRITISH COLUMBIA SCIEN

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#### 5.0 GEOCHEMISTRY

#### 5.1 STREAM SEDIMENT GEOCHEMISTRY

Seven stream sediment samples (Figure 5.00) were collected from drainages on the Horn property. Other drainages were traversed in an attempt to collect stream sediment samples but all were choked with organic material and samples could not be collected.

Gold values ranged from <5 to 120 ppb, and samples 10 ppb and greater were considered anomalous. Sample H26004 gave a strongly anomalous value of 120 ppb, while sample H26006 gave a weakly anomalous value of 10 ppb. Both samples were collected from the same northerly flowing stream in the southeast corner of the property.

No other elements were considered anomalous for the stream sediment survey.

#### 5.2 SOIL GEOCHEMISTRY

Seventy-four soil samples were collected from the Hom property and thirty-eight were analysed for gold and by 28 element ICP. Table 2.0 displays background and anomalous values chosen for gold, molybdenum, antimony, lead and copper.

TA	BLE 2.0 ANOMALOUS	SOIL GEOCHEMICAL VALUE	S
ELEMENT	RANGE	BACKGROUND	ANOMALOUS
Au ppb	<5 - 10	5	10
Mo ppm	<1 - 349	1	5
Sb ppm	<5 - 45	5	10
Pb ppm	42 - 370	60	120
Cu ppm	14 - 92	30	61

#### Gold

Gold values ranged from <5 to 10 ppb (Figure 5.20) with background established at 5 ppb and anomalous values 10 ppb and greater. No strong gold geochemical anomalies were outlined by the survey. However three consecutive samples (700E to 800E) on line 1400N gave weakly anomalous values of 10 ppb.

#### Molybdenum

Molybdenum values ranged from <1 to 349 ppm (Figure 5.30) with background established at 1 ppm and values 5 ppm and greater anomalous. One very strong molybdenum anomaly was outlined on line 1200N between 1000E and 1350E. Antimony and lead are both coincidentally anomalous with molybdenum.

#### Antimony

Antimony values ranged from <5 to 45 ppm (Figure 5.40) with background established at 5 ppm and values 10 ppm and greater anomalous. One very strong antimony anomaly was outlined on line 1200N between 1000E and 1300E. Molybdenum and lead are coincidentally anomalous with antimony.









### Lead

Lead values ranged from 42 to 370 ppm (Figure 5.50) with background established at 60 ppm and values 120 ppm and greater anomalous. One strong lead anomaly was outlined on line 1200N between 1050E and 1300E on line 1200N. Molybdenum and antimony are coincidentally anomalous with lead.

#### Copper

Copper values ranged from 14 to 92 ppm (Figure 5.60) with background established at 30 ppm and values 61 ppm and greater anomalous. Only two copper values were considered anomalous and they do not occur coincidentally with the molybdenum-antimony-lead anomaly.

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#### 6.0 CONCLUSIONS

- 6.1 The stream sediment sampling delineated one strongly anomalous gold value (120 ppb) and one weakly anomalous gold value (10 ppb). Both values were collected from the same northerly flowing stream in the southeast corner of the Hom property.
- 6.2 The soil sampling did not delineate any strongly anomalous gold values. A number of weakly anomalous gold values (10 ppb) were delineated along line 1400N between 700E and 800E.
- 6.3 The soil sampling delineated a strongly anomalous, coincidental molybdenum-antimony-lead anomaly on line 1200N between 1000E and 1350E. Arsenic is also elevated within the anomaly.
- 6.4 The absence of copper with the strong molybdenum anomaly precludes the possibility of a coppermolybdenum prospect.
- 6.5 The strong molybdenum-antimony-lead anomaly with elevated arsenic values is similar to the pathfinder geochemistry associated with the Melba epithermal gold-silver prospect located 6 kilometres northeast of the Hom project. The molybdenum-antimony-lead anomaly could be an expression of an epithermal prospect.

#### **7.0 RECOMMENDATIONS**

Recommendations are as follows:

- 7.1 The additional soil samples collected during the 2006 program should be analysed for gold and by 28 element ICP.
- 7.2 Additional grid lines should be established and soil sampled north and south of line 1200N to determine the extent of the molybdenum-antimony-lead anomaly.
- 7.3 Prospecting and geological mapping should be carried out over the grid lines to determine the source of the molybdenum-antimony-lead anomaly.
- 7.4 An additional claim should be staked south of the Hom claim to protect any extensions of the molybdenum-antimony-lead anomaly to the south

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Sept 4/2006

#### 8.0 REFERENCES

BC Dept. of Mines GEM: 1971(pp294), 1972 (pp158, 181, 183), 1971 (pp184, 186).

BCMM Annual Reports: 1888 (pp315), 1915 (pp212), 1929 (pp217, 228), 1930(pp195, 282), 1955 (pp35), 1956 (pp46), 1958 (pp29), 1959 (pp38, 143).

BC MEMPR: Mineral Inventory Map 92I (Ashcroft).

BC MEMPR: Nicola Lake Region, Geology (J.M. Moore and A.R. Pettipas) and Mineral Deposits (R.E. Myers and T.B. Hubner), Open File 1990-29,

Cockfield, W.E., (1948): Geology and Mineral Deposits of Nicola Map Area, Memoir 249.

Crooker, G.F. and Rockel, E.R., (June 1986): Geochemical and Geophysical Report on the WRT 1 to 15 Claims, 92I/7E, for Western Resource Technologies Inc. AR# 14959

Crooker, G.F. and Rockel, E.R., (March 1988): Geochemical and Geophysical Report on the WRT 1 to 15 Claims, 92I/7E, for Western Resource Technologies Inc. AR# 17337

Crooker, G.F. and Rockel, E.R., (December 1988): Geological, Geochemical and Geophysical Report on the WRT 1 to 6 and 9 to 15 Claims, for Western Resource Technologies Inc. AR# 18048

Crooker, G.F., (May 1992): Geophysical Report on the JB 1 to 12 Claims, 92I-7E, for Grant F. Crooker. AR# 22346

Crooker, G.F., (November 1996): Geological, Geochemical and Geophysical Report on the S1 to 48 Claims for Goldcliff Resource Corporation. AR# 24862

Crooker, G.F., (December 1997): Geological, Trenching and Reverse Circulation Drilling Report on the S1 to 48 Claims for Goldcliff Resource Corporation.

Crocker, G.F., (January 1997): Geological, Geochemical and Geophysical Report on the M 1-7 and GA 1-8 Mineral Claims for Walloper Gold Resources Corporation.

Crooker, G. F. (December 2001): Geochemical, Trenching and Core Drilling Report on the M 1-7 and GA 1-8 Mineral Claims for Walloper Gold Resources Corporation.

Elwell, J.P., (March 1973): Geochemical and Magnetometer Survey Ram Claim Group, Kamloops Mining Division for Rio Sierra Developments Ltd. AR# 4222

Geological Survey of Canada: Map 886A, Nicola (East Half) 1961.

Geological Survey of Canada: Bedrock Geology of Ashcroft (92I) Map Area, OF 980.

Grexton, P.L., (May 1994): Genesis Property, 1994 Soil Survey, Kamloops Mining Division for P.L. Grexton. AR# 23362.

Hill, L.H., (March 1959): Report Covering Geophysical and Physical Work on 71 Claims of Vanex Holdings, Meadow Creek Area, Kamloops Mining Division. AR# 266 Hill, L.H., (March 1959): Report on Geophysical Survey of Dunmore Mines Ltd, Meadow Creek Area, Kamloops and Nicola Mining Divisions. AR# 265

Hill, L.H., (June 1959): Report on Geophysical Survey of Lucky Jim Nos. 1, 2, 3 and 4, Kamloops Mining Division, for Vanes Minerals. AR# 228

Hogan, J.W., (July 1972): Geochemical Report, JIG and GJ Claims, Homfray Lake, BC, for Consolidated Standard Mines Ltd and Highhawk Mines Ltd. AR# 3763

McBeath, S., (November 1958): Report on Geophysical Survey of Sunshine 10, 11, 15 and 16 Mineral Claims, Kamloops Mining Division, for Vanex Minerals Ltd. AR# 234

National Geochemical Reconnaissance Survey (19081): 92 | Ashcroft BC, BC Ministry of Energy Mines and Petroleum Resources and Geological Survey of Canada.

Nordin, G. and DeLean, J., (October 1972): Magnetometer and Geochemical Report on the Plug Claims, Kamloops Mining Division on behalf of Texada Mines Ltd. AR# 4041

Scott, A. and Cochrane, D.R., (October 1972): Geophysical Report on an Induced Polarization Survey of the Plug Claims, Kamloops Mining Division on behalf of Texada Mines Ltd. AR# 4042

Sookochoff, L., (April 1979): VLF-EM and Magnetometer Report on the Homfray Lake Property, Kamloops Mining Division for Thunderbolt Resources Ltd. AR# 7268

Tough, T.R., (April 27 1972): Geological Report on the Homfray Lake Property, Kamloops Mining Division for Highhawk Mines Ltd. and Consolidated Standard Mines Ltd.

Tully, D.W., (April 1974): Magnetometer Survey and Preliminary Geochemical Soil Sample Work Program over the Max Claim Group for Host Ventures Ltd. AR# 4948

Ven Huizen, G.L., (February 1989): VLF-EM and Magnetometer Surveys on the Parl #1 Mining Claim for Gold Parl Resources Ltd. AR# 18563

White, G.E., (July 1972): Geophysical Report on an Induced polarization Survey on behalf of Highhawk Mines Ltd and Consolidated Standard Mines Ltd. AR# 3764

#### 9.0 CERTIFICATE OF QUALIFICATIONS

I, Grant F. Crooker, of 2522 Upper Bench Road, PO Box 404, Keremeos, British Columbia, Canada, V0X 1N0 do certify that:

I am a Consulting Geologist registered with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (Registration No. 18961);

I am a Fellow of the Geological Association of Canada (Registration No. 3758) and I am a Member of the Canadian Institute of Mining and Metallurgy and Petroleum;

I am a graduate (1972) of the University of British Columbia with a Bachelor of Science degree (B.Sc.) from the Faculty of Science having completed the Major program in geology;

I have practised my profession as a geologist for more than 30 years, and since 1980, I have been practising as a consulting geologist and, in this capacity, have examined and reported on numerous mineral properties in North and South America;

I have based this report on field examinations within the area of interest and on a review of the technical and geological data;

I am the owner of the Hom Claim (514098)

Respectf **SERDITARI** 

Grant F. Grooker Seo.. GFC Consultants inc.

Sept 4/ 2006

APPENDIX I

CERTIFICATES OF ANALYSIS

ECO TECH LABORATORY LTD. 10041 Dallas Drive KAMLOOPS, B.C. V2C 6T4

Phone: 250-573-5700 Fax : 250-573-4557 ICP CERTIFICATE OF ANALYSIS AK 2006-550

Goldcliff Resources Corp. c/o L.W. Saleken 6976 Laburnum St Vancouver BC V6P 5M9

No. of samples received: 7 Sample Type: Silts **Project: Hom Shipment #: H-01** Submitted by: Grant Crooker

.

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag /	AI %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Мо	Na %	Ni	P	Pb	Sb	Sn	Sr	Te	TI %_	U	<u>v</u>	W	Y	Zn
1	H26001	<5	<0.2	1.48	<5	65	<2	1.05	<1	23	54	23	4.08	<10	1.36	537	<1	0.02	38	780	18	<5	<20	22	<10	0.07	<10	102	<10	4	68
2	H26002	5	<0.2	1.53	<5	65	<2	0.77	<1	23	65	22	4.27	<10	1.45	640	<1	0.02	40	860	18	<5	<20	17	<10	0.07	<10	108	<10	2	49
3	H26003	5	<0.2	1.47	5	70	<2	0.88	<1	15	32	72	2.92	<10	1.04	306	<1	0.02	23	870	16	<5	<20	22	<10	0.09	<10	109	<10	5	43
4	H26004	120	<0.2	1.65	<5	55	2	0.70	<1	22	78	31	4.28	<10	1.64	377	<1	0.02	45	820	22	<5	<20	14	<10	0.06	<10	109	<10	3	51
5	H26005	10	<0.2	1.67	<5	95	2	0.91	<1	25	84	34	4.90	<10	1.81	1191	1	0.02	51	860	20	<5	<20	18	<10	0.07	<10	120	<10	<1	54
6	H26006	<5	<0.2	1.38	<5	100	<2	0.77	<1	20	51	26	4,71	<10	1.22	1122	1	0.02	32	890	18	<5	<20	13	<10	0.07	<10	113	<10	2	46
7	H26007	<5	<0.2	1.63	<5	90	2	0.71	<1	25	94	40	4.39	<10	1.82	880	<1	0.02	50	740	24	<5	<20	17	<10	0.07	<10	122	<10	3	50
<u>QC DAI</u> Repeat: 1	<b>A:</b> H26001	<5	<0.2	1.46	<5	65	<2	1.04	<1	24	57	21	4.12	<10	1.37	515	<1	0.02	36	820	22	<5	<20	19	<10	0.08	<10	102	<10	5	65
<b>Standar</b> GEO'06	d:	810	1.4	1.50	55	155	<2	1.51	1	16	59	86	3.77	<10	0.83	683	<1	0.02	29	630	20	<5	<20	54	<10	0.11	<10	73	<10	10	76
JJ/bp dt/534 XLS/06																					(•	ECO Jura B.C.	<b>Jeac</b> Certif	A LA Juse ied	BORA	TORT	<del>710</del> ,				

ECO TECH LABORATORY LTD. 10041 Dallas Drive KAMLOOPS, B.C. V2C 6T4

Phone: 250-573-5700 Fax : 250-573-4557 GEOTEC CONSULTING LTD. 6976 LABURNUM STREET VANCOUVER, BC V6P 5M9

#### ATTENTION: LEN SALEKEN

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No. of samples received: 38 Sample Type: Soil **Project: Hom Shipment #: H-01** Submitted by: Grant Crooker

#### Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Te	Ti %	U	V	W	Y	Zn
1	L1200N 600E	<5	<0.2 1.41	10	135	<b>~</b> 2	0.47	<1	15	27	25	3.37	<10	0.51	798	<1	0.02	16	360	44	<5	<20	24	<10	0.07	<10	95	<10	4	59
2	L1200N 650E	<5	<0.2 1.44	10	80	<2	0.43	<1	15	30	23	3.66	<10	0.60	846	<1	0.02	17	440	42	<5	<20	10	<10	0.05	<10	100	<10	1	65
3	L1200N 700E	<5	0.2 1.74	10	140	<2	0.58	<1	19	39	34	3.93	<10	0.67	1318	<1	0.02	22	460	52	<5	<20	19	<10	0.05	<10	106	<10	5	77
4	L1200N 750E	<5	<0.2 1.88	10	145	<2	0.60	<1	19	46	32	3.88	<10	0.86	834	<1	0.03	23	250	58	<5	<20	40	<10	0.08	<10	112	<10	6	49
5	L1200N 800E	<5	0.2 1.78	10	145	<2	1.33	<1	15	37	36	3.41	<10	0.79	743	<1	0.04	22	450	54	<5	<20	101	<10	0.06	<10	83	<10	8	50
6	L1200N 850E	5	<0.2 1.89	10	140	<2	0.68	<1	22	44	44	4.35	<10	0.85	1010	<1	0.02	28	330	60	<5	<20	52	<10	0.05	<10	108	<10	7	55
7	L1200N 900E	<5	<0.2 1.91	<5	120	2	0.66	<1	21	42	39	4.38	<10	0.78	948	<1	0.02	27	240	62	<5	<20	41	<10	0.06	<10	107	<10	7	56
8	L1200N 950E	5	0.2 1.74	<5	145	<2	0.97	<1	15	32	56	3.43	<10	0.65	1008	<1	0.02	22	360	66	<5	<20	60	<10	0.06	<10	82	<10	10	65
9	L1200N 1000E	10	<0.2 2.20	<5	145	<2	0.66	<1	23	54	49	4.78	<10	1.24	678	8	0.02	33	1340	100	10	<20	25	<10	0.07	<10	129	<10	4	63
10	L1200N 1050E	5	<0.2 1.84	<5	400	<2	0.60	<1	14	28	34	2.81	<10	0.58	1420	36	0.02	18	790	162	5	<20	13	<10	0.09	<10	72	<10	10	64
11	L1200N 1100E	<5	<0.2 1.34	10	190	<2	0.51	<1	16	25	15	2.45	<10	0.63	468	93	0.02	10	770	192	20	<20	12	<10	0.14	<10	67	<10	12	46
12	L1200N 1150E	<5	<0.2 1.56	15	390	<2	0.76	<1	25	50	21	3.21	<10	0.90	597	349	0.02	20	980	356	30	<20	4	<10	0.19	<10	79	<10	31	78
13	L1200N 1200E	5	0.2 1.62	20	270	2	1.03	1	15	21	30	2.11	<10	0.78	409	248	0.02	14	610	370	45	<20	<1	<10	0.16	<10	52	<10	27	30
14	L1200N 1250E	5	<0.2 1.70	15	205	<2	0.65	<1	17	35	22	2.85	<10	0.95	622	115	0.02	19	810	220	25	<20	<1	<10	0.16	<10	77	<10	6	43
15	L1200N 1300E	<5	<0.2 1.60	<5	185	<2	0.55	<1	15	34	21	2.87	<10	0.74	695	23	0.02	18	830	120	15	<20	11	<10	0.11	<10	77	<10	5	52
16	L1200N 1350E	<5	<0.2 1.97	<5	130	<2	0.42	<1	19	57	17	4.01	<10	1.16	380	8	0.02	28	470	98	5	<20	5	<10	0.08	<10	107	<10	<1	44
17	L1200N 1400E	5	<0.2 1.76	<5	135	<2	0.44	<1	17	46	28	3.49	<10	0.78	645	<1	0.02	22	820	76	<5	<20	20	<10	0.09	<10	95	<10	5	40
18	L1200N 1450E	5	<0.2 1.88	<5	95	<2	0.39	<1	17	43	17	3.54	<10	0.85	732	<1	0.02	23	430	68	<5	<20	11	<10	0.07	<10	94	<10	2	42
19	L1200N 1500E	<5	<0.2 2.00	10	135	<2	0.40	<1	14	27	19	2.96	<10	0.54	1019	<1	0.02	18	570	68	<5	<20	12	<10	0.07	<10	70	<10	4	58
20	L1400N 600E	10	0.2 2.15	10	190	<2	0.97	<1	15	34	92	3.64	<10	0.93	930	<1	0.03	24	380	68	<5	<20	83	<10	0.06	<10	89	<10	14	61
21	L1400N 650E	5	<0.2 1.66	<5	155	<2	0.66	<1	20	41	34	3.83	<10	0.72	1099	<1	0.02	24	450	60	<5	<20	56	<10	0.06	10	102	<10	12	48
22	L1400N 700E	10	<0.2 1.55	5	145	<2	0.57	<1	15	36	21	3.43	<10	0.64	1138	<1	0.02	20	460	48	<5	<20	22	<10	0.07	<10	89	<10	5	62
23	L1400N 750E	10	<0.2 2.14	5	160	<2	0.58	<1	25	54	38	5.03	<10	0.95	1421	2	0.02	37	380	62	<5	<20	18	<10	0.05	<10	122	<10	3	69
24	L1400N 800E	10	<0.2 1.61	10	150	<2	0.58	<1	16	32	24	3.34	<10	0.56	858	<1	0.02	19	830	50	<5	<20	22	<10	0.07	<10	87	<10	4	52
25	L1400N 850E	5	<0.2 1.81	10	155	<2	0.53	<1	17	37	25	3.58	<10	0.73	1274	<1	0.02	21	610	58	<5	<20	32	<10	0.07	<10	91	<10	6	58
26	L1400N 900E	5	<0.2 2.00	10	170	<2	0.65	<1	15	32	37	3.36	<10	0.66	1135	<1	0.03	21	460	64	<5	<20	36	<10	0.06	<10	82	<10	10	48
27	L1400N 950E	5	<0.2 1.54	5	110	<2	0.46	<1	15	34	24	3.55	<10	0.61	563	<1	0.02	20	600	48	<5	<20	17	<10	0.08	<10	96	<10	4	45
28	L1400N 1000E	5	<0.2 1.51	5	195	<2	0.71	<1	14	30	27	3.24	<10	0.54	1457	<1	0.02	18	590	46	<5	<20	39	<10	0.07	<10	83	<10	8	57
29	L1400N 1050E	5	<0.2 1.47	10	205	2	0.66	<1	14	31	27	3.43	<10	0.48	1366	<1	0.02	18	1310	44	<5	<20	35	<10	0.07	<10	89	<10	3	106
30	L1400N 1100E	5	0.2 2.12	10	185	2	1.07	<1	16	34	87	3.88	<10 Page 1	0.70	1359	<1	0.03	21	490	64	<5	<20	63	<10	0.06	<10	96	<10	14	74

ECO TECH LABORATORY LTD.

Et #.	Tag #	Au(ppb)	Ag	A1 %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Мо	Na %	Ni	<u>P</u>	Pb	Sb	Sn	Sr	Te	<u>Tì %</u>	<u> </u>	<u>v</u>	W	<u> </u>	Zn
31	L1400N 1150E	<5	<0.2	1.36	10	165	<2	0.42	<1	10	22	17	2.74	<10	0.35	915	<1	0.02	12	990	42	<5	<20	17	<10	0.06	<10	69	<10	2	40
32	L1400N 1200E	5	<0.2	1.76	15	285	2	0.42	<1	12	36	17	3.01	<10	0.57	2440	<1	0.02	21	600	56	<5	<20	16	<10	0.06	<10	81	<10	4	139
33	L1400N 1250E	5	<0.2	1.55	10	100	<2	0.52	<1	16	45	18	3.38	<10	0.70	628	<1	0.02	21	390	46	<5	<20	18	<10	0.09	<10	97	<10	3	41
34	L1400N 1300E	5	<0.2	1.96	15	135	2	0.48	<1	18	59	24	3.95	<10	0.93	969	<1	0.02	32	680	60	<5	<20	17	<10	0.07	<10	104	<10	3	57
35	L1400N 1350E	<5	<0.2	1.89	10	165	2	0.66	<1	20	44	20	3.96	<10	0.92	1853	<1	0.02	26	370	54	<5	<20	20	<10	0.08	<10	110	<10	2	48
		_			4.0	407	~			••		•											-00		-10	0.00	-10	104	-10	~	
36	L1400N 1400E	5	<0.2	2.16	10	125	<2	0.52	<1	21	50	33	4.13	<10	0.84	1049	<1	0.02	29	290	12	<5	<20	28	<10	0.06	<10	104	<10	8	44
37	L1400N 1450E	10	<0.2	1.47	10	80	2	0.46	<1	15	34	14	3.31	<10	0.65	633	<1	0.02	17	430	48	<5	<20	9	<10	0.07	<10	60	\$10	4	46
38	L1400N 1500E	5	<0.2	1.76	10	135	2	0.58	<1	12	23	17	2.77	<10	0.38	622	<1	0.02	12	330	58	<5	<20	24	<10	0.06	<10	58	<10	5	45
	TA:																														
Repeat																															
1	L1200N 600E	5	<0.2	1.43	10	165	<2	0.55	<1	15	26	23	3.10	<10	0.56	649	12	0.02	13	460	90	10	<20	14	<10	0.09	<10	90	<10	5	54
10	L1200N 1050E	5	<0.2	1.90	5	345	<2	0.54	<1	14	29	36	3.26	<10	0.51	1573	<1	0.02	17	650	68	<5	<20	25	<10	0.06	<10	80	<10	8	69
19	L1200N 1500E	5	<0.2	2.10	10	145	<2	0.42	<1	14	29	19	3.13	<10	0.56	1038	<1	0.02	18	550	66	<5	<20	16	<10	0.07	<10	75	<10	3	62
28	L1400N 1000E	<5	<0.2	1.61	5	240	<2	0.79	<1	15	-33	29	3.53	<10	0.57	1539	<1	0.03	20	590	50	<5	<20	45	<10	80.0	<10	93	<10	8	60
36	L1400N 1400E	5	<0.2	2.09	10	110	3	0.50	<1	21	48	32	4.01	<10	0.82	1051	<1	0.02	29	280	70	<5	<20	16	<10	0.05	<10	101	<10	4	43
Standa	rd.																														
GEO'06	}		1.5	1.63	60	140	<2	1.43	<1	18	53	91	4.06	<10	0.83	764	<1	0.02	26	690	24	<5	<20	56	<10	0.11	<10	72	<10	9	75
OXF41	•	810					-		,																						

ECO TECH LABORATORY LTD. Jutta Jealquse B.C. Certified Assayer

JJ/bp df/558 XLS/06

# APPENDIX II

# COST STATEMENT

# COST STATEMENT

# SALARIES

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Grant Crooker, Geologist May 10, 17, 21, 26, August 20, 27, 2006 6 days @ \$ 500.00/day	\$	3,000.00
MEALS & ACCOMMODATION		
Grant Crooker –		
Hotel 3 days @ \$ 78.98/day		236.94
Meals 3 days @ \$ 30.00/day		90.00
TRANSPORTATION		
Vehicle Rental (1996 Chev 3/4 ton 4 x 4) 3 days @ \$ 70.00/day		210.00
Gasoline		150.00
ANALYSES		
7 stream sediment samples, 28 element ICP, gold (30 results ppb) @ \$ 20.70/sample	) gram, FA, AA finish,	144.90
38 soil samples, 28 element ICP, gold (30 gram, FA, A results ppb) @ \$ 20.70/sample	₩A finish,	786.00
SUPPLIES		50.00
FREIGHT		25.00
DRAUGHTING		200.00
PREPARATION OF REPORT (Printing etc)	Total	<u>    100.00</u> 4993.44