## GEOLOGICAL and GEOCHEMICAL REPORT

ON THE

## **BIMBO CLAIMS**

Record Numbers 331196

CAMBRIA ICEFIELD AREA SKEENA MINING DIVISION BRITISH COLUMBIA

N.T.S.: 103 P/13

LATITUDE: 55 DEGREES 57 MINUTES NORTH LONGITUDE: 129 DEGREES 37 MINUTES WEST

ſ	SUB-RECORDER RECEIVED
ĺ	DEC 1 8 1995
	M.R. #
	VANCOUVER, B.C.

# SSESSMENT REPORT

24,185

for

## CAMNOR RESOURCES LTD.

by

ANDREW L. WILKINS P.Geo.

FILMED

December, 1995

GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORTS

DATE RECEIVED

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## 1.0 INTRODUCTION

Camnor Resources Ltd.'s Bimbo #1 claim is one of several claims that comprise the Willoughby property. The claim occurs within the "Golden Triangle" area of northwestern British Columbia. The region is host to several producing gold mines including Snip, Premier and Eskay Creek. Host rocks include Hazelton Group volcanic and volcaniclastics. The Bimbo #1 claim is underlain by Hazelton Group andesitic volcanics. Three days, September 14-16, representing 5 man-days of labour were spent by a two man crew mapping and sampling the property. Excessive topographic conditions hampered the evaluation. Five rock chip samples were collected. Of the five three were misplaced at the lab. The cost of the evaluation is calculated to be \$5,403.75.

## 2.0 LOCATION AND ACCESS

The Bimbo #1 claim is located 24 kilometres east of Stewart, B.C. The property is centred at latitude 55°17'N, longitude 129°37'W occurring on NTS sheet 103P/13E. Access to the property is by helicopter (Figure 1).

## 3.0 CLIMATE, TOPOGRAPHY AND VEGETATION

The climate in the vicinity of the Bimbo claim is typical of the Coast Range Mountains. Temperatures are moderate due to the proximity of the Pacific Ocean and range from a minimum of -25 degreess in the winter to a maximum of +25 in the summer. The exploration season lasts from June to late September.

Eighty percent of the property is covered by glacial ice. The topography of the property is rugged and steep with precipitous slopes leading away from the Cambria icefield. Elevations on the property range from 1740 to 2440 metres.

Very little vegetation occurs on the property.

## 4.0 **PROPERTY STATUS**

The Bimbo #1 is a twenty unit claim whose tenure number is 331196. Upon acceptance of this report the expiry date will be September 22, 1998. The claim occurs within the Skeena Mining Division (Figure 2).

## 5.0 PROPERTY HISTORY

There is no known record of any work being completed on the Bimbo #1 claim prior to Camnor acquiring it through staking.





## 6.0 1995 WORK PROGRAM

The 1995 program consisted of mapping and rock chip sampling. Extreme topographic conditions hampered the evaluation. The work, undertaken by two contract mountaineering geologists, was completed betweeen September 14 and 16. Five rock chip samples were collected however three of the samples were lost at the lab. For the duration of the program the crew operated from Camnor's camp located at the junction of Fish Creek and White River on the Meziadin Main logging road. A Hughes 500D helicopter chartered from Vancouver Island Helicopters was used to provide access to the property.

The evaluation was completed by Andrew Wilkins and Martin Zahorec.

### 7.0 REGIONAL GEOLOGY

Regional mapping of an area including the Bimbo #1 claim was recently completed by the Geological Survey of Canada (Greig et al 1994). Mapping shows the Bimbo #1 claim to be situated at the eastern edge of a broad, Jurassic aged, north-northwest trending, volcano-plutonic island arc belt referred to as the "Stewart Complex" (Grove 1986). This belt extends from near Anyox northwards for 150 km to the Iskut River. It hosts several gold mines including Eskay Creek, Premier and Snip. To the west the Stewart Complex is bordered by Coast Plutonic complex rocks while to the east it is overlain by sediments.

#### 8.0 **PROPERTY GEOLOGY**

Eighty percent of the property is ice-covered. The remaining 20% of the claim is covered by talus and outcrop. Mapping of the property is severely hindered by extreme topographic conditions.

Mapping indicates that the property is underlain by Jurassic Hazelton Group volcanics locally consisting of variably ankerite altered andesitic volcanics, volcanoclastics and epiclastics. North-northeast trending faults occur throughout the property. Within these faults pervasive quartz + sericite + pyrite + ankerite alteration of the rock is common. Minor gossans occur throughout the claim.

Up to 3% disseminated pyrite occurs in the volcanics. Minor quartz veining occurs throughout the property. The veins on occasion contain limited pyrite, sphalerite and arsenopyrite.

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#### 9.0 GEOCHEMISTRY

Rock chip samples were collected from areas in which significant alteration or mineralization occur. Five samples were collected however three are missing at the lab.

The sample locations are plotted on Figure 3 with the sample descriptions being located in Appendix 1. The assay results are in Appendix 2.

#### 9.1 Field Procedure

Rock cip samples were collected using a hammer and moyle from selected areas of interest. All samples were identified, described and stored in plastic bags.

#### 9.2 Analytical Procedure

All rock samples were initially sent to Westmin Mines Premier mine site lab for gold preparation and gold analysis with the pulp being forwarded to Chemex Labs for 32 element I.C.P (Inductively Coupled Plasma) analysis. The following is an outline of the procedure used for the preparation and analysis of the samples.

Samples dried (if necessary), crushed or sieved to pulp size and pulverized to approximately -140 mesh.

for gold analysis a 1 assay ton sample is pre-concentrated by conventional fire assay. The resulting Ag prill is digested in 3 ml of 30%  $HNO_3$ , anything insoluble is dissovled using 3 ml concentrated HCl. The resulting solution is diluted to 10 ml and analyzed by atomic absorption.

For the I.C.P. analysis a 10 gram sample is digested with 3 ml of 3:1:3 nitric acid to hydrochloric to water at 90° for 1.5 hours. The sample is then digestes to 20 mls with demineralized water and analyzed. The leach is partial for Al, B, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sb, Ti, U and W.

#### 9.3 Assay Results

The two samples asssayed returned anomalous gold values. Sample 141417 taken over a 25 cm wide quartz vein in which up to 20% pyrite along with minor arsenopyrite occur assayed 4.080 grams per tonne gole along with 20.4 ppm Ag and 1,980 ppm As. Sample 141416, a 1 metre wide sample taken across a carbonate altered shear zone, assayed 0.411 grams per tonne gold and 3,400 ppm Zn.



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## **LEGEND**

#### LOWER JURASSIC HAZELTON GROUP

dari bred	(green to gray, massive, resistant, andesite flows, flow ;clas; homblende and feldspar phenocrysts common.
mar prec frag	oon to green feldspathic pyroclastic volcanics, iominately laplif size fragments but agglomerate size ments also common.
light pret	to dark green pyroclastic fragmental volcanics, Iominately lapiti aize fragments.
wei epic	foliated, tan to gray reworked volcanic tulf and leatics, commonly gossancus.
deri	k gray to black, fisalle argilite.
er jui Slidi	RASSIC E <b>Intrusions</b>
hon grai	ublende plegiociese porphyniic quartz monzodionite, nodionite or dionite.
BOLS	
16	sample location and number
	fault
-	alteration
	vein
	bedding
	foliation

**ABBREVIATIONS** 

AK - enkerite CA - celcite CB - cerbonete PY - pyrite BA - barite

geological contact

CP - chalcopyrite GL - galena SL - sphalerite AS - arsenopyrite VG - visible gold

Note: map is an overlay of 1:15,000 scale aerial photographs. Distortion is expected

CAMNOR F	RESOURCES LTD.
BIN	IBO CLAIMS
GEOLOGY AN	D SAMPLE LOCATIONS
n By: A.L.W.	Scale: 1:15,000 approximate
December 1995	Figure No: 3

#### 10.0 SUMMARY AND CONCLUSIONS

The Bimbo property consists of one 20 unit claim located 24 kilometres east of Stewart, British Columbia. The property occcurs in the "Golden Triangle" of northwestern B.C. an area in which several gold mines including Snip, Premier and Eskay Creek occur. The property is underlain by Jurassic Hazelton Group volcanics.

Five man-days were spent at the property prospecting, mapping and rock chip sampling. No significant showings were located however anomalous gold values of up to 4.080 grams per tonne obtained from a quartz vein.

#### 11.0 **RECOMMENDATIONS**

Additional mapping, and rock chip sampling is recommended to determine the extent of the mineralization located on the property.

12.0	COST STATEMENT		
1.0	Salaries		\$1375.00
	Project Geologist: 2.5 man-day Geologist 2.5 man-days @	ys @ \$300.0 ) \$250.00/da	0/day ∖y
2.0	Transportation		\$2600.00
	2.0 hours @ \$800/hour Airfares: Wilkins/Zahorec Vanc Truck Rental: 2.5 man-days @	couver-Stewa 80.00/day	rt Return @ \$400/trip
3.0	Room and Board		\$ 500.00
	5 man-days @ 100/man-day		
4.0	Assaying		\$ 37.50
	2 samples @ 18.50/sample		
5.0	Report		<u>\$ 400.00</u>
		Sub-Total	<u>\$4912.50</u>
6.0	Management Fee		\$ 491.25
	@ 10%		<b></b>
		Total	\$5403.75

#### 13.0 **B**IBLIOGRAPHY

- Brown, G.E.G., (1944): The Wilby Creek Mining Syndicate group of mineral claims near Meziadin Lake; <u>for</u> St. Eugene Mines.
- Dickie, G.J., (1983): Geological interpretation of Dighem III survey of Willoughby Creek area; <u>for</u> Viscount Resources Ltd.
- Downing, B.W., (1980): Reconnaissance work, 1979, Stewart area, N.T.S. 103P and 104B/9, P.N. 019; for Falconbridge Nickel Mines Ltd.
- Downing, B.W., (1983): Report on the Wilby Creek group, Meziadin Lake, B.C.; <u>for</u> Viscount Resources Ltd.
- Dvorak, Z., (1983): Dighem III survey of the Willoughby Creek area; for Viscount Resources Ltd.
- Greig, C.U., Anderson, R.G., Daubeny, P.H., Bull, K.F., and Hinderman, T.K., (1994): Geology of the Cambria Icefield: regional setting for Red Mountain gold deposit, northwestern British Columbia; in Current Research 1994-A; Geological Survey of Canada, p. 45-56.
- Greig, C.U., Anderson, R.G., Daubeny, P.H., Bull, K.F. (1994): Geology of the Cambria Icefield area: Stewart (103P/13), Bear River (104A/4), and parts of Meziadin Lake (104A/3) and Paw Lake (103P/14), northwestern British Columbia; Geological Survey of Canada, Open File 2931.
- Grove, E.W., (1986): Geology and mineral deposits of the Unik Salmon River Anyox area; Bulletin 63, British Columbia Ministry of Energy, Mines and Petroleum Resources.
- Kowall, C., (1988): A prospecting report covering the Gold Mountain Group of mineral claims, BCDEMPR assessment report # 18096.

Kruchkowski, E.R., (1983): Report on Wilby Creek property; for Viscount Resources Ltd.

- Raven, W. and Scott, G., (1993): Summary report on the Willoughby project; <u>for</u> Gold Giant Minerals Inc.
- Smith, A., (1945): Preliminary report on Wilby Creek property.

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- Visagie, D.A., (1994): Report on the 1994 Program and Recommendations for Further Work -Willoughby Property; for Camnor Resources Ltd.
- Vogt, A.H., (1989): Assessment report on geological/geochemical exploration and diamond drilling on the Willoughby 1-7, Del and Gold Mountain 3 mineral claims; for Bond Gold Canada Inc.

Watkins, J.J., (1994): Report on the Willoughby Property; for Camnor Resources Ltd.

#### 14.0 STATEMENT OF QUALIFICATIONS

I, Andrew L. Wilkins of P.O. Box 629, Pemberton, B.C. certify that:

- 1. I am a graduate of the University of British Columbia with a Bachelor of Science degree in the Geological Sciences (1981).
- 2. I have been engaged in the mining industry in B.C. and the Yukon since 1978.
- 3. I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
- 4. I performed most of the work on the Bimbl Claim in the fall of 1995.
- 5. I am the author of this report.

Dated at Pemberton, British Columbia, this fifteenth day of December, 1995.

Andrew L. Wilkins P. Geol.

The work and report were completed under my supervision.

Dave Visagie, P. Geol

# **APPENDIX 1**

#### **ROCK SAMPLE DESCRIPTIONS - BIMBO CLAIMS**

Sampler: Andrew L. Wilkins

Date	Sample No.	Location	Туре	Rock Type	Alteration	Mineralization	Sample Description	Au g/ton opt	Ag ppm opt	Zn ppm	As ppm
SEP 15	141416	Bimbo Claims	grab	Lapilli Tuff	quartz + calcite + ankerite veining in carbonate altered host	up to 10% disseminated pyrite	iron carbonate gossan, 1 m. wide shear zone, veins up to 3 cm.	0.411 0.012	1.4	3400	310
SEP 16	141417	Bimbo Claims	grab	Andesite	25 cm. honey coloured to white quartz vein, minor ankerite	10 to 20% disseminated pyrtte	buff coloured gossan, dark green andesite tuff and flows, vein attitude 265/85	4.080 0.119	20.4	40	1980
SEP	141436	Bimbo Claims	subcrop	Andesite Lapilli Tuff	10 cm. wide calcite + quartz + barite ? + ankerite vein, strong carbonate alteration	5% coarse grained, euhedral, sphalerite	weak gossan				
SEP	141437	Bimbo Claims	subcrop	Andesite Lapilli Tuff	quartz + chlorite + ankerite sheeted veining	up to 10% coarse grained euhedral pyrite	vuggy, crystalline quartz lining vugs, dark orange gossan				
SEP	141438	Bimbo Claims	subcrop	Reworked Lapilli Tuff	pervasive carbonate alteration, ankerite + quartz + pyrite veining	up to 10% coarse grained euhedral pyrite	rounded lapilli size fragments			- -	

## **APPENDIX 2**

Chemex Labs Ltd. Certificate of Analysis A9531385

Sample #	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	_Hg	ĸ	La	Mg	Mn	Мо	Na	Ni	Ρ	Pb	Sb	Sc	Sr	Ti	TI	U	V	W	Zn
	ppm	%	ppm	ppm	ррп	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	% F	opm r	pm p	pm pr	m	ppm
141416	1.4	.26	310	110	<.5	6	14.8	34.5	10	53	133 :	3.46	<10	_<1	.07	<10	.37	2760	1	<.01	4	440	362	12	4	308 <	.01	<10	<10	8	20 3	3400
141417	20.4	.07	1980	60	<.5	<2	.04	<,5	1	203	27 3	2.96	<10	_<1	.04	<10	<.01	- 30	11	<.01	4	60	106	38	<1	6 <	:.01	<10	<10	2 <	10	40