# INTERNATIONAL BLACK GOLD RESOURCES INC.

#### GEOLOGICAL ASSESSMENT REPORT

on the

#### CAMPER PROPERTY

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24,384

April 15, 1996 Vancouver, B.C.

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Laurence Sookochoff, P.Eng. Sookochoff Consultants Inc.

# INTERNATIONAL BLACK GOLD RESOURCES INC.

# **Geological Assessment Report**

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# **Camper Property**

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# Geological Assessment Report on the Camper Property

#### Introduction

A limited geological examination and sampling program was completed on the Camper Property in September, 1995. The purpose of the program was to determine whether the alteration of the quartz monzonite reflects proximal mineralization by containing anomalous mineralization.

Information for this report was obtained from sources as cited under the Selected Reference section of this reportand from the work completed on the Camper Property during September, 1995.

#### Summary

The Camper Property is located 20 km north northwest of Greenwood in the histric Boundary Mining Camp which includes the Phoenix Mine where former production included 15 million tons of 1.5% copper with significant gold and silver values. The intensity of exploration activity with variable recorded production is evident from the many mineral exploratory workings in the Phoenix area extending northeasterly to the area of the Camper Property.

Mineralization on the Camper property is of varying amounts of pyrite with rare amounts of galena hosted by northeasterly striking quartz veins.

In the 1994 exploration program, the results of the lineament array analysis indicated that the northeasterly trend is one of the principal structural trends on the Property.

The results of the 1995 geological program indicated that the minor alteration exhibited as light pyrite, argillic and carbonate, is void of any anomalous mineralization and therefor may not be reliable indicators of proximal mineralization except for an expression of potential proximal quartz veins that may contain mineralization.

# **Property**

The property consists of two contiguous grid unit mineral claims. Particulars are as follows.

Claim Name	<u>Units</u>	Tenure No.	Expiry Date
Camper	8	214955	November 13, 1996*
Camper 2	4	215031	June 02, 1996

<sup>\*</sup>On the approval of one year's assessment work applied November 14, 1995 for which this report forms a part thereof.

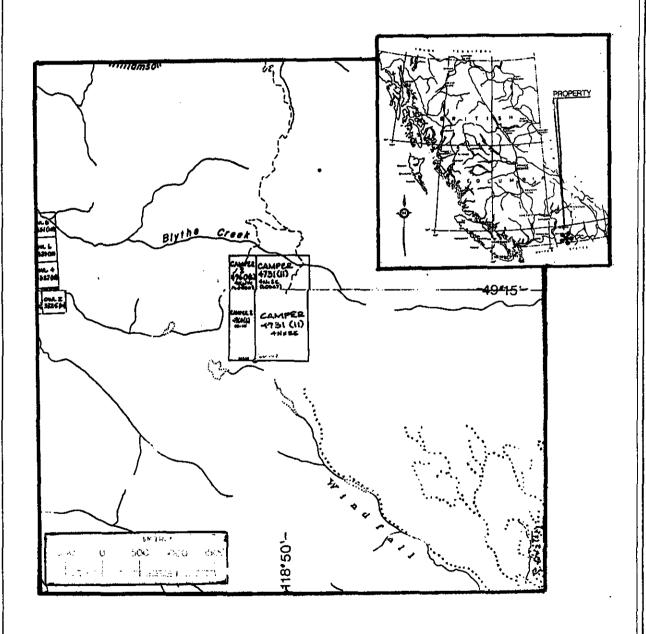


Figure 1. Location and Claim Map\*

\* Claim Map: Ministry of Energy, Mines and Petroleum Resources Map 08202W & 08207W

#### **Location and Access**

The property is located 20 kilometres northwest of Greenwood, British Columbia at the headwaters of Blythe Creek and Windfall Creek.

Access from Greenwood is for 10 kilometres north via a paved road paralleling Boundary Creek to the Windfall Creek forestry access road. This gravelled and dirt road is taken for 13 kilometres northwesterly to the Camper property.

A second access route is from seven kilometres north of Westbridge, a bridge spanning the Kettle River is crossed and a secondary road, which parallels the River is taken northward for four and one-half kilometres to the Blythe Creek Road. This road is taken eastward for four kilometres, thence southward for 300 metres to the northern border of the Camper property.

#### Water and Power

Water for the exploration program should be available from headwater tributaries of Blythe and Windfall Creeks; portions of which are within the confines of the Property. A small lake and swampy areas on the Property may also fufill the needs of an exploration program.

Diesel-electric power would be required in the initial stages of a development program. Commercial power sources from high voltage power lines are available at Greenwood.

## Physiography

The property is located on a ridge separating the headwaters of two drainage systems. Blythe Creek flows westward to the Kettle River and Windfall Creek flows southeastward to Boundary Creek which flows southward through the City of Greenwood.

The topography of the Camper claims is moderate and rolling with elevations ranging from 1,000 metres to 1,400 metres above sea level. The merchantable timber, with interspersed open slopes, is under the process of harvest.

#### History

The history of the area dates back to 1891 when pioneering prospectors in the Boundary District discovered important copper showings which were developed to production as the Deadwood, Motherlode and the Ihoenix Mines; all of which are within six kilometres of Greenwood, B.C. The most active camp centred on Phoenix, from which 27 millions tons of ore were processed from 1900 to 1919 and subsequently from 1919 to 1978, yielding 30 million grams of gold, 92 million grams of silver and 250,000 tonnes of copper.

The Camper property was explored in 1987 when International Black Gold Resources Inc. completed a program of gridwork, geochemical and geophysical surveys, prospecting and trenching to further expose quartz vein outcrops.

The results of the 1987 exploration delineated five soil gold anomalies ranging from 14 ppb to 72 ppb. Four small northeasterly trending VLF-EM conductors were also delineated.

In 1994, a lineament array analysis was completed on the two claims and was reported on by the writer in a report dated February 13, 1995 for International Black Gold Resources Inc.. The results of the structural analysis indicated two principal stress forces resulting in the conjugate array of structures enclosed by the two primary structural trends of 135° and 210°.

The quartz vein at the main showing, trending northeasterly, and a second vein trending at 036°, are indicated to occur parallel to a dominant indicated structural direction. Thus, these northeasterly striking quartz veins should be the principal veins and not the veins associated with and/or hosted by secondary structures. Prime exploration areas would be at the intersection of principal structures.

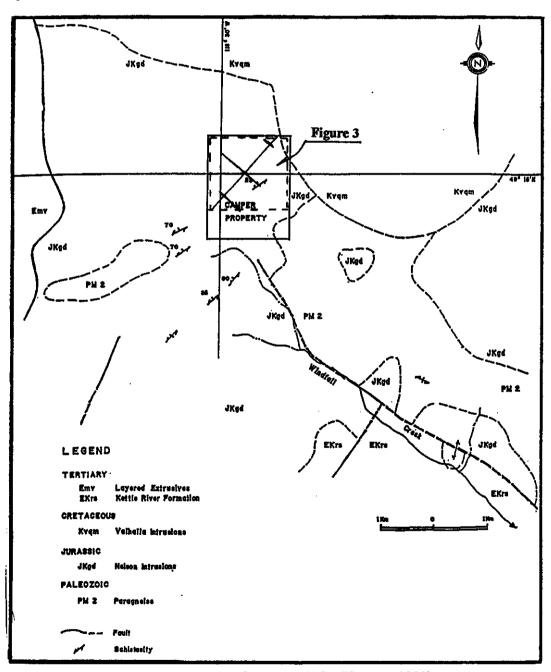


Figure 2. Property Geology. (After Verzosa, 1988)

#### **Property Geology**

Verzosa (1988) reports that the mineral occurrences on the Camper property appear to be more associated with the Nelson and Valhalla Intrusives rather than common mineral occurrences within the Mesozoic metavolcanics and metasediments in the Phoenix and Greenwood Districts.

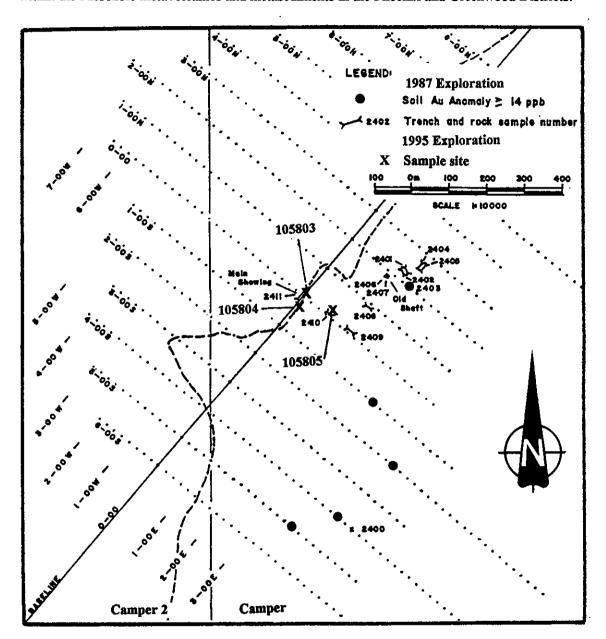


Figure 3. Camper Claim: Sample locations.

At the main showing of the Camper property, the quartz vein strikes northeasterly and dips 80 to 85 degrees northwest. A second mineralized quartz vein strikes at 036° and dips at 085° northwest. Mineralization is sparse within the quartz veins, occurring predominantly as disseminations, stringers and massive pockets of pyrite. Galena occurs rarely with the pyrite.

Other mineralized quartz veins occur on the Property.

### 1995 Exploration Program

A general property examination, was restricted to the examination of rock outcrop along the road. Three typical rock samples were taken within the area of the Main Showing as indicated on Figure 3. The samples were selected for their proximity to the Showing and for their alteration. The samples are described as follows.

Sample Number	Description		P) ppm As	
105803	Quartz Monzonite: Allotriomorphic granular texture w/ approx 15% qtz and amorphous feldspar and approx 10% hornblende			
	Light argillic alteration of the feldspars and light disseminated pyrite	12	< .3	15
105804	Quartz Monzonite: as 105803. Limonitic, dirty, friable w/ no alt'n & no min'n	8	< .3	10
105805	Quartz monzonite: as 105803.  Moderately carbonated; no min'n.	6	< .3	15

#### Conclusions

The samples of quartz monzonite with accompanying pyrite, argillic or carbonate alteration were not indicative of any anomalous silver mineralization. Previous sample results (Versoza, 1988) indicated that increased silver values correspond to an increase in gold values.

#### Recommendations

It is recommended that the five locations of anomalous gold values as determined from the 1988 soil survey and as indicated on the accopanying Figure 3., be examined for the causitive source. The trenches should be cleaned out mapped and sampled in order to determine the controls, and the indicative geological expressions o the mineralization.

Vancouver, B.C. April 15, 1996

#### Selected References

- Church, B.N. Geological Investigations in the Greenwood Area (82E/2E). B.C. Ministry of Mines and Petroleum Resources. Geological Fieldwork 1976.
- Sookochoff, L. Geological Assessment Report on the Camper Property for International Black Gold Resources Inc., February 13, 1995. Assessment Report 23796.
- Verzosa, R.S. Geological Evaluation of the Camper Property for Black Gold Resources Inc., March, 1988. Assessment Report 16940.

# INTERNATIONAL BLACK GOLD RESOURCES INC.

**Camper Property Statement of Costs** 

The field work on the Camper Property was carried out from September 02, 1995 to September 03, 1995 to the value as follows:

L. Sookochoff, P.Eng.	
2 man day @ \$500.	\$ 1,000.00
Car rental:	
2 days @ \$55.00 plus gas & km	160.00
Room & board:	
1 man days @ \$125.00	125.00
Assays	26,50
Field expenses	50.00
Report, xerox, printing & compilation	500.00
	\$ 1,861.50

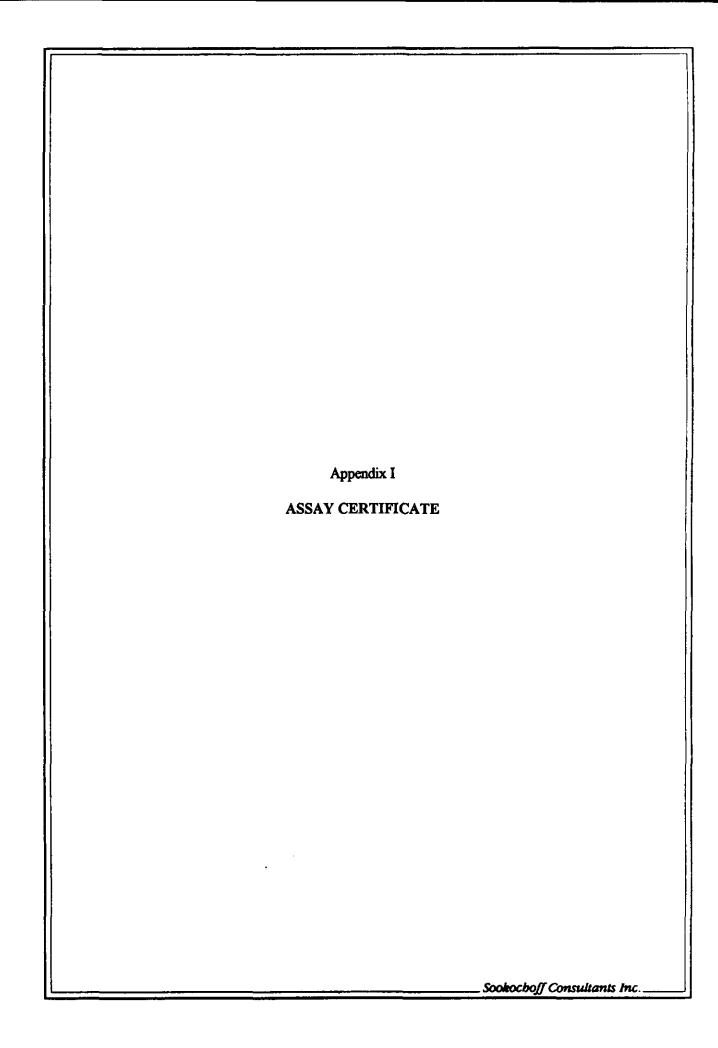
#### CERTIFICATE

I, Laurence Sookochoff, of the City of Vancouver, in the Province of British Columbia, do hereby certify that I am a Consulting Geologist with offices at 1027 - 510 West Hastings Street, Vancouver, BC V6B 1L8.

- I, Laurence Sookochoff, further certify that:
- 1) I am a graduate of the University of British Columbia (1966) and hold a B.Sc. degree in Geology.
- 2) I have been practicing my profession for the past twenty-nine years.
- I am registered and in good standing with the Association of Professional Engineers and Geoscientists of British Columbia.
- 4) Information for this report was obtained from sources as cited under the References section of this report and from work performed on the Camper claim.

Laurence Sookochoff, P. Eng.

Vancouver, BC April 15, 1996





# Sookochoff Consultants Inc. FILE # 95-4720

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SAMPLE#	Mo ppm	Cu ppm			Ag ppm		Co	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd	Sb	Bi ppm	ppm V	Ca %	P	La	Cr ppm	Mg X	Ba ppm	Ti %	B Al	Na %	K	N bbs
D 105803 D 105804 D 105805 RE D 105805	3 3 4	29 30 23 24	12 8 6 8	76 67 57 59	<.3 <.3 <.3 <.3	6 8 8 9	12 12 11 12	671 3	.67 .33	15 10 15 16	8 <5 <5 <5	<>>> <>>> <>>>	14 13 10 12	174 41 34 35	.2 <.2 <.2 <.2	_	<2 <2	64 54	3.53 . .77 . .84 .	064 055	15 14	11 1 11 1	1.65 1.40 1.23 1.28	31 36	.08 .12 .08 .09	<3 1.85 4 1.87 <3 1.66 <3 1.73	.03	.23	_

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.