#### ASSESSMENT REPORT

BC Geological Survey Assessment Report 30927

on the

**Prospecting Survey** 

of the

#### **Telkwa Claims**

(580215, 580229)

**Terrace** Area

Map Sheet 93L/05E

Lat. 54 28' 52" N Long. 127 40' 25" W

Author: Ronald J. Bilquist

(Owner/Operator)

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15 May 2009 GEDLOGICAL SURVEY BRANGT

## Table of Contents

Page
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1.	Introduction (Access, Location, The Property, Summary of Work Done)
2.	Index Map
3.	Claim Map
4.	Geology, Technical Data (Purpose, Results and Interpretation)
5.	Technical Data Continued
6.	Technical Data Continued
7.	Analysis
8.	Sample Descriptions
9.	Itemized Cost Statement
10.	References
11.	Authors Qualifications

### Appendix

- (i) Sample Preparation and Method of Analysis
- (ii) Certificate of Analysis

In the Pouch	Prospectors Map (Traverse and Sample Location	ons]
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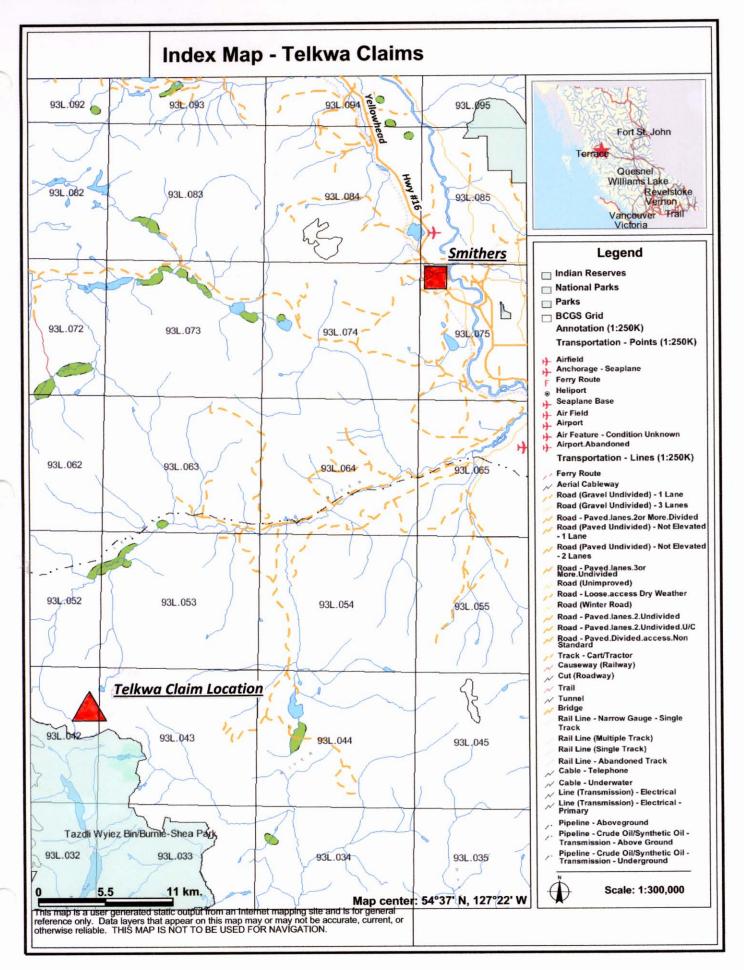
Introduction:

- a. Access and Location The Telkwa claims are located within the 93L (1:250000) map sheet (93L) approximately 45 kilometres southwest of the town of Smithers. The property can be accessed by helicopter, a 15 minute flight from the Canadian heliport at Smithers. A logging road also leads west from Highway 44 at the village of Telkwa and passes just 10 kilometres from the property. The property is at the head waters of the Telkwa River in moderately rugged terrain. Vegetation varies from heavily forested valley bottom to sub alpine scrub spruce and stunted fir and just grasses and moss in the alpine regions. A location map follows this introduction.
- b. The Property The Telkwa property that this report is pertinent to consists of two claims comprising 864.491 hectares that were acquired on the 2<sup>nd</sup> of April 2007. The record numbers are 580215 and 580229. The current owner/operator is Ronald John Bilquist the author of this report.

The claim was acquired without a visit as a result of researching MinFile occurrences, company reports as well as the assessment reports that were filed for this area. The area has a history of work dating back to at least 1966. Phelps Dodge, Tyee Resources and Noranda are three of the companies that have filed reports for this area. The reports indicated numerous showings of good copper mineralization that are generally anomalous in silver. There are also reported scattered gold anomalies as well.

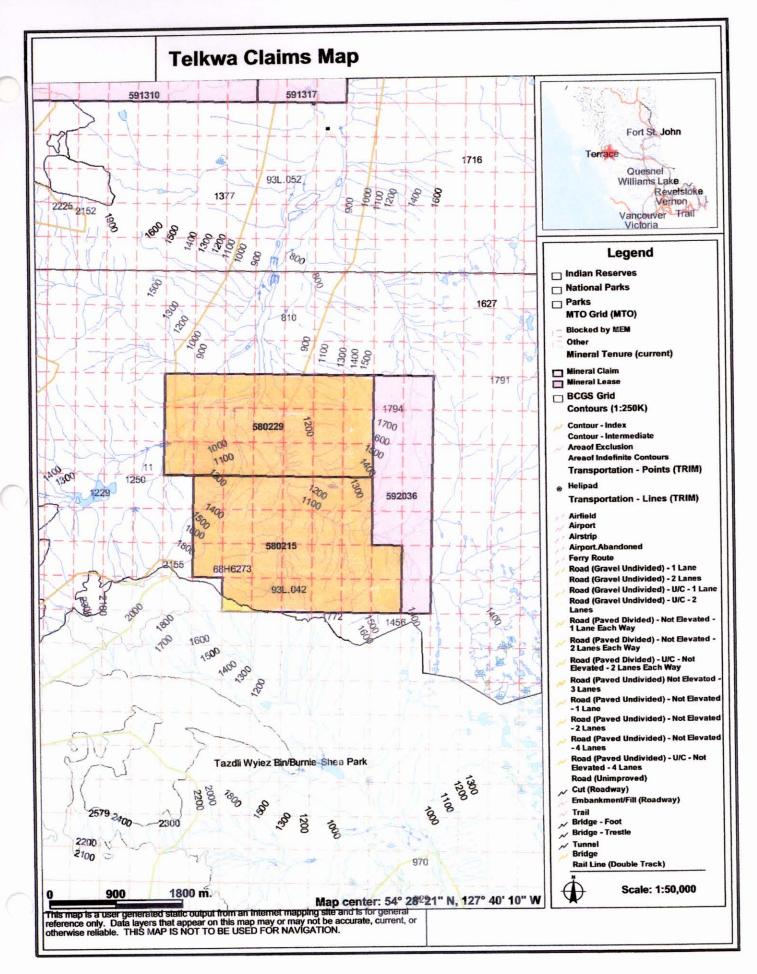
c. Summary of Work Done – A total of 3.5 days were spent prospecting the claim between September 1<sup>st</sup> and 5<sup>th</sup>, 2008. The 8<sup>th</sup> of August 2009 was spent determining access and locating possible camp sites near the claims. A base camp was set up along the Telkwa River and a helicopter was used to ferry a small fly camp into the claims.

The prospecting was designed to locate as many of the old showings and anomalies that were mentioned in the old reports. The historic work appeared to be somewhat disjointed and anomalies reported in some of the reports never appeared to have been followed up. Part of the prospecting mandate was to try assess the possibilities of further work been carried out on these anomalies.



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3.



#### **Regional and Property Geology**

H.W. Tipper and T.A. Richards of the GSC in Bulletin 270 have mapped the region as a thick pile of pyroclastics with interbedded volcaniclastics and flows. These volcanics are the Howson Facies of the Telkwa Formation which are included in the Lower Jurassic Hazelton Group. The volcanics are intruded by the Topley Intrusions of similar age. Overlying both these units is the Red Tuff Member of the Nilkitkwa Formation (disconformable).

In the eastern area of the claims, trending more or less northerly, are outcrops of the Red Tuff Member. A contact can be seen proximal to the western boundary of claim #520036. West of this are the pyroclastics which are heavily sheared and faulted over hundreds of meters. The shear zone appears to trend north northwest. To date mineralization has been confined to the pyroclastic rocks.

#### **Technical Data and Interpretation**

Utilizing Canadian Helicopters out of Smithers, a small fly camp was put in at tree line near the eastern margin of the claims. The camp move went smoothly and I noticed a few features on the way in – an old camp site, an old drill set up, an area of intense shearing as well as some 'color' anomalies worth checking out.

The purpose of the prospecting was to get an overall picture of the possibilities for this property by visiting as many of the old occurrences and anomalies as possible and getting a good look at the alteration and geology. The following paragraphs will be a brief out line of what was observed as well as an attempt at an interpretation.

While prospecting I managed to get to three of the key areas where copper mineralization was noted in the old assessment reports. On the compilation map I have named these the 'Upper Camp' Zone, the 'Copper Ridge' area and the 'Lower Canyon'.

#### Upper Camp Zone

I located the old 'Upper Camp' as well as one drill pad when flying in to set up my camp. My camp was put in at tree line close to the anomalies around the Copper Ridge so it was a long traverse down to this area. I found the old camp along with two stacks of core boxes in fairly good shape. Apart from about 4 or 5 boxes that were falling apart, the rest could still be useful information. An old trail leads off to the west and ends at the drill pad that I had noted from the air. I spent some time prospecting the two small streams on either side of where the drilling took place and found copper mineralization immediately at both sites. Samples TKRB0021 to 0026 were taken here with the samples variably displaying malachite spots on fracture planes and occasional chalcopyrite and pyrite. Tiny quartz veinlets were noted in a couple of samples and four of the samples displayed weak to strong magnetics. The rock appears to be a strongly fractured and possibly sheared volcanic (tuff?). Although I did not measure the width of the shear zone it appears to be at least two to three hundred meters wide and possibly wider with a north north west trend. The two small streams are about 100 meters apart and drain into Telkwa River canyon to the north. There are likely more copper showings in the canyon walls below. Prospecting of this area should be undertaken from a camp located further downstream. It should be noted that the drill core I did see did not seem to have been split and sampled although I only took the lids of a few boxes. The marker ribbons in the core boxes are still legible so logging of this core is still a possibility.

#### Copper Ridge Area

The 'Copper Ridge Area' is the area where Rio Canex focused their original sampling in 1982. I found good copper mineralization at the crest of a ridge and along the north face from the ridge for about 25 meters. Samples TK0008 to TK0010, 0013 & 0014 were taken here from what appears to be a medium tuff with varying degrees of silicification. Copper mineralization consists of malachite and black copper (tenorite) on fractures and disseminated chalcopyrite and bornite. Pale pink k-spars are noted in the rock. A northerly trending mafic dyke was noted in this area. To the east another copper showing was found in the "North Cirque" as shown on the compilation map. This also is probably part of the original Rio Canex discovery showings. It lies within a large area of quartz stockworks and veins with varying degrees of silicification and appears to be a fine to medium grained tuff quite dark in color.

#### Lower Canyon

On the last day I broke camp then carried out a reconnaissance traverse down into the canyon and got picked up by helicopter at the end of the day and demobilized to Smithers. During this traverse I did not take any samples for analysis due to high and fast flowing water which I would have to cross many times on my way down the river and carrying a heavy pack would be too treacherous. I also had to consider the possibility that landing sites for the helicopter could be very tight and lifting out of the canyon may require minimum weights. For future exploration, I noted the presence of copper mineralization both in place and in float boulders along the way. All outcrops in the canyon were highly fractured and sheared indicating a very an extensive zone of shearing and faulting – likely the north north west extension of the shearing and faulting noted near the drill site in the Upper Camp Zone. If indeed this is an extension then the length of shearing along the trend could exceed two kilometres with lateral extension being greater than 300 meters. Mineralization noted was mainly chalcopyrite and malachite with lesser azurite

#### Other Areas

Other areas of interest noted were an area along the eastern boundary of the claims in the north where a zone of quartz stockworks, quartz veining and silicification was noted as well as another area where disseminated pyrite was estimated to exceed 2%.

The area of quartz stockworks, veining and silicification is found near the eastern boundary of the claims being prospected for this report. The area trends approximately north-south but is mainly out of the claims to the east and is fairly well defined in a cirque just to the north. The zone seems to widen south

of the ridge and is lost in overburden. I took 2 samples from within the claims (TK0015 & 0016,) and other samples taken were from off the claims so are not included in this report. The host rock appears to be tuff and in most cases is weathered yellow-orange-red. Pyrite is not always visible but is likely fairly pervasive due to the coloring of the rock. The hope here is to reproduce historic gold results noted in some of the old assessment reports. The area is quite large so if any elevated numbers come back a lot more sampling will be required. A lead anomaly that is mentioned in the more recent assessment reports comes from this same area.

On arriving home, to cover the new areas of interest, I acquired tenure east of my claims with mineral claim #592036.

#### <u>Pyrite Area</u>

The limits of the area of disseminated pyrite are poorly defined so far. I sampled (TKRB0011) an angular piece of rusty pyritic tuff float coming out of the overburden about 400 meters west of the Copper Ridge showing and noted other pieces of similar rock as I traversed down slope to the south east. I took another sample (TKRB0012) of similar rock from a large area of outcrop and determined that this probably is a pyritic alteration zone of some sort. Outcrops of similar rock are also found in the northern part of the Quartz Stockworks/Quartz Veins area. How extensive this area is, its potential for mineralization and how it relates to the known showings, the shearing and the alteration has yet to be determined. Over burden cover is dominate in this area.

**Discussion:** The presence of copper occurrences over a wide area (the occurrences I visited as well as those mentioned in the old assessment reports) coupled with what appears to be good pre deposition preparation of the rock (faulting and shearing) suggests to me that there is good potential for an economic deposit, or deposits, in this region. Propylite and k-spar alteration was noted in the area as well as a strong zone of pyrite and a large area of quartz stockworks and veins with silicification. This alteration could all be related to a larger copper bearing system. There are a number of copper showings yet to sample in the Lower Canyon area. These showings were noted for over a kilometre in length in a north by north west direction and there appears to be fairly good width (two to three hundred meters) to the zone. There is also a very strong soil geochem anomaly on a bench just east of the Telkwa River Canyon that stretches for more than 600 meters by 120 meters. According to the 1973 Assessment Report, # 4191, no copper was found in rock due to overburden.

All the streams south of the Telkwa River in the Upper Camp Zone and to the west need to be prospected in detail and there were a number of very strong silt sample anomalies in this area that need to be followed up.

The zone of quartz stockworks, quartz veining and silicification may be a low sulphidation precious metals system - possibly a transitional setting. The analysis that has come from here does indicate that gold and silver are present in the system and the silica alteration is definitely large enough to host a deposit. Historic sampling was sparse and not all samples were analysed for the same elements.

	TERMA Analysis																							
	Au	Ag	Мо	Cu	Pb	Zn	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	Na	ĸ	w	Hg
	GM/T	GM/T	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
TK0008	0.01	21	<0.001	1.41	0.02	<0.01	<0.001	<0.001	0.08	1.08	<0.01	0.002	<0.001	<0.001	<0.01	0.26	0.054	<0.001	0.19	0.71	0.05	0.19	<0.001	<0.001
TK0009	<0.01	19	<0.001	0.874	0.02	<0.01	<0.001	<0.001	0.08	1.15	<0.01	0.002	<0.001	< 0.001	<0.01	0.65	0.045	<0.001	0.22	0.83	0.05	0.25	<0.001	<0.001
TK0010	<0.01	23	<0.001	0.842	<0.01	<0.01	<0.001	<0.001	0.06	1.17	<0.01	0.002	<0.001	<0.001	<0.01	0.15	0.04	<0.001	0.16	0.65	0.05	0.2	<0.001	<0.001
TK0011	<0.01	5	<0.001	0.005	<0.01	<0.01	<0.001	< 0.001	0.1	3.93	<0.01	<0.001	<0.001	<0.001	<0.01	0.05	0.054	<0.001	0.71	0.83	0.12	0.13	<0.001	<0.001
TK0012	<0.01	<5	<0.001	0.006	<0.01	0.05	<0.001	<0.001	0.09	2.01	<0.01	0.002	<0.001	<0.001	<0.01	0.42	0.035	<0.001	0.18	0.4	0.03	0.22	<0.001	<0.001
TK0013	<0.01	33	<0.001	1.325	0.01	<0.01	<0.001	<0.001	0.06	1.09	<0.01	0.003	<0.001	0.001	<0.01	0.26	0.055	<0.001	0.16	0.6	0.07	0.14	<0.001	<0.001
TK0014	<0.01	<5	< 0.001	0.116	<0.01	<0.01	<0.001	<0.001	0.08	1.14	<0.01	0.001	<0.001	<0.001	<0.01	0.98	0.024	<0.001	0.23	0.63	0.05	0.17	<0.001	<0.001
TK0015	0.03	<5	<0.001	0.01	<0.01	<0.01	<0.001	<0.001	0.02	2.87	<0.01	0.001	<0.001	<0.001	<0.01	0.2	0.083	<0.001	0.07	0.56	0.05	0.27	<0.001	<0.001
TK0016	0.03	<5	<0.001	0.002	<0.01	<0.01	<0.001	<0.001	0.05	2.95	<0.01	0.002	<0.001	<0.001	<0.01	0.17	0.084	<0.001	0.47	0.91	0.02	0.24	<0.001	<0.001
TK0020	0.03	645	<0.001	5.806	0.07	0.57	<0.001	0.003	0.74	8.66	< 0.01	0.002	<0.001	0.001	<0.01	0.35	0.103	0.001	2.09	2.55	<0.01	0.43	0.001	<0.001
TK0021	<0.01	118	<0.001	0.936	0.03	0.18	<0.001	0.004	0.62	10.13	<0.01	0.009	<0.001	<0.001	<0.01	0.93	0.104	<0.001	2.27	3.43	0.02	1.99	<0.001	<0.001
TK0022	<0.01	225	<0.001	2.189	0.02	0.21	<0.001	0.004	0.52	10.91	<0.01	0.013	<0.001	<0.001	<0.01	0.48	0.094	<0.001	2.09	3.22	0.02	2.01	0.001	<0.001
TK0023	0.01	43	<0.001	0.237	<0.01	0.16	0.001	0.004	0.81	8.88	<0.01	0.013	<0.001	<0.001	<0.01	2.3	0.087	<0.001	3.1	4.17	0.2	2.58	<0.001	<0.001
TK0024	0.08	44	<0.001	0.444	0.06	0.08	<0.001	<0.001	0.28	6.95	<0.01	0.002	<0.001	<0.001	<0.01	0.52	0.087	<0.001	1.16	2.26	0.06	0.75	<0.001	<0.001
TK0025	0.03	45	<0.001	0.287	<0.01	0.06	<0.001	<0.001	0.17	2.83	<0.01	0.002	<0.001	0.001	<0.01	0.63	0.038	<0.001	0.38	0.76	<0.01	0.48	<0.001	<0.001
TK0026	0.03	33	<0.001	1.257	0.09	0.14	<0.001	<0.001	0.09	1.92	<0.01	0.003	<0.001	0.001	<0.01	0.46	0.042	<0.001	0.18	0.64	<0.01	0.53	<0.001	<0.001

Telkwa Analysis

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					Sample Descriptions	
TKRB0008	587551	6038078	copper ridge	grab outcrop	pale green siliceous tuff w/mal on fractures; Cpy and bn dissem; pink k-spars	~
TKRB0009	587552	6038079	copper ridge	grab outcrop	pale green siliceous tuff w/mal on fractures; Cpy and bn dissem; pink k-spars	
TKRB0010	587543	6038089	copper ridge	grab outcrop	medium tuff w/mal and dissem cpy and bn	
TKRB0011	587220	6038095	pyrite area	grab outcrop	orange-rusty weathered medium tuff w/>2% dissem py	
TKRB0012	587402	6037754	pyrite area	grab outcrop	siliceous tuff w/>2% dissem py; Large area of sim o/c; grey blue metallic min (galena?)	
TKRB0013	587551	6038074	copper ridge	grab outcrop	mal, cpy in tuff; black mafic dyke trend northerly same area	
TKRB0014	587542	6038070	copper ridge	grab outcrop	minor malachite in dark grey tuff	
TKRB0015	587623	6038003	stik wrk area	grab outcrop	blu-green tuff w/>2% py; strong rusty-brown weathering (Pb?)	
TKRB0016	587726	6037949	stk wrk area	grab outcrop	rusty-brown weathered rock w/qtz veinlets and stockworks	-1
TKR80020	587457	6036301	Upper Camp	grab outcrop	from bs rocks at old camp; red fine volcanic w/mal and highgrade bornite	
TKRB0021	586953	6036186	Upper Camp Zone	grab outcrop	black, fine grained, sheared volc w/mal and orange fract coatings; occas dissem cpy; over 3 m.	
TKRB0022	586952	6036187	Upper Camp Zone	grab outcrop	same as TKR80021	
TKRB0023	586954	6036185	Upper Camp Zone	grab outcrop	same as TKRB0021 and 22	
TKRB0024	587035	6036207	Upper Camp Zone	grab outcrop	black fine grained volc w tiny qtz veinlets and occas spots of mal	
TKRB0025	587038	6036189	Upper Camp Zone	grab outcrop	10 meters upstream (south) from TKRB0024, same rock w/traces of mal	
TKRB0026	587037	6036190	Upper Camp Zone	grab outcrop	between TKRB0024 and TKRB0025; blu-green volc w/mai, cpy and py	

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	Itemized Cost Statements				
Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
Ron Bilguist/Prospector	08 & 31 Aug, 01 to 06 Sept. 2008	7	and the second sec	\$2,800.00	
				\$2,800.00	\$2,800.00
Office Studies	List Personnel (note - Office on	ly, do no	ot include	the second s	
Report preparation	•	1.5			
				\$525.00	\$525.00
Ground Exploration Surveys	Area in Hectares/List Personnel				
Prospect	864.491	field exp	penditures a	above	
Transportation		No.	Rate	Subtotal	
truck rental	7 days	7.00	\$75.00		
fuel			\$0.00	\$639.75	
Helicopter (hours)	1.4 @ \$998/hr plus gst (\$80.08)			\$1,477.28	
Fuel (litres/hour)	159.6 Lts @ \$1.28/Lt plus gst		\$0.00		
Other	ferries, toll			\$243.55	
		1.225		\$3,089.86	\$3,089.86
Accommodation & Food	Rates per day				
Hotel	2 at \$84.75; 2 at \$115.00; 1 at \$10	1.70	\$0.00	\$501.20	
Meals	actual costs		\$0.00	\$673.05	
				\$1,174.25	\$1,174.25
Miscellaneous					
Other (Specify)	propane,postage,mantles,bags,tags,	,		\$187.98	
	flagging, rope, printing, moth balls				
				\$187.98	\$187.98
Freight, rock samples				17.73	
Analysis (sample prep & analysis, 3	mo storage, warehouse disposition,	16 at	\$34.43	\$550.88	
overweight charge (.16/100 grams	) and gst \$59.22				
				\$568.61	\$568.61
TOTAL Expenditures					\$8,345.70

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9.

#### **References:**

GSC Open File #351, Geology at 1:250,000 scale, T.A. Richards

ARIS #'s 01188, 04191, 10444, 10892

MinFile Property Files, #'s 36720, 36747, Tyee Lake Resources

#### **AUTHORS QUALIFICATIONS:**

- I have worked full time in the mining exploration business for 40 years. During this time I have been self employed as a prospector as well as employed by numerous exploration companies on both salary and contract basis. My work has been primarily prospecting but duties from time to time have also included trenching, trench mapping, drilling and blasting, claim staking, line cutting and grid construction, geochemical surveys, geophysical surveys, geological mapping, draughting, diamond drilling and drill supervision. I have also been involved with project generation and research and have worked with a wide variety of geological models and concepts.
- During my career I have prospected throughout Canada, the Yukon and NWT as well as Argentina and Mexico.
- I have written an exam to qualify as a prospector for the Department of Mines and Petroleum Resources. This exam took place at the department office in Nanaimo in 1975 and was supervised by W.C. Robinson, P. Eng.
- In 1992 I successfully completed the *Petrology for Prospectors Course* sponsored by the Ministry of Energy, Mines and Petroleum Resources: course instructor T.A. Richards, Ph.D.
- In 1994 I took a short course on Drift Exploration in glaciated and mountainous terrain put on by the BCGS Branch Short Course, Cordilleran Roundup, January 24, 1994.
- I have also been on a number of mine tours; copper porphyries include Island Copper in B.C., Bingham and Silver Bell North in Utah and Nevada as well as Escondida, Zaldivar, Spence and Chuquicamata in Chile. I have had tours of a number of small epithermal gold mines in the *Carlin Trend* of Nevada as well as the Skukum Mine in the Yukon.

Signed

Ron Bilil

Ronald J. Bilquist

Dated at Gabriola B.C. this 5<sup>th</sup> day of January, 2009

#### Appendix

#### (i) Sample Preparation and Analysis:

The rock samples were placed in poly ore bags. Where possible a witness sample of each rock sample was retained and is available for viewing. The samples were shipped by Greyhound directly to Acme Laboratories Limited of Vancouver, British Columbia, an ISO 9001 accredited laboratory. Acme Laboratories is located at *1020 Cordova St. East Vancouver BC, V6A 4A3*. Their phone number is (604) 253-3158. Included with the shipment of samples was a request for analysis by their Group 7AR, a 23 element ICP analysis with a fire assay for Au and Ag using their Group G6.

All samples were crushed, split and pulverized to a 200 mesh size and the samples analysed for 23 elements followed by a fire assay for gold and silver.

ACME Group 7 - 7AR uses a Hot Aqua Regia digestion on a 1 gram split for base-metal sulphide and precious-metal ores with ICP analysis determined by emission spectrometry.

ACME Group 6 – G6 is a Fire Assay on a 30 gram sample

**Appendix Continued** 

## (ii) Certificate of Analysis (following pages):

#### **Bilguist**, Ron 1410 Degnen Road

Gabriola BC V0R 1X7 Canada

Submitted By: Receiving Lab: Received: Report Date: Page:

Crush, split and pulverize rock to 200 mesh

1:1:1 Aqua Regia digestion ICP-ES analysis

Ron Bilquist Canada-Vancouver September 12, 2008 September 29, 2008 1 of 3

VAN08009286.1

Test

30

1

Wgt (g)

Report

Status

Completed

Completed

# **Acme**Labs ACME ANALYTICAL LABORATORIES LTD.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

## CERTIFICATE OF ANALYSIS

#### **CLIENT JOB INFORMATION**

Project:	None Given	Method
Shipment ID:		Code
P.O. Number		R150
Number of Samples:	34	G6
		7AR

#### SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
DISP-RJT	Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To:

Bilguist, Ron 1410 Degnen Road Gabriola BC V0R 1X7 Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

**Code Description** 

Ag Au by fire assay

### ADDITIONAL COMMENTS

Number of

Samples

34

34

34



Phone (604) 253-3158 Fax (604) 253-1716

Client:

#### **Bilquist, Ron**

1410 Degnen Road Gabriola 8C V0R 1X7 Canada

Project: Report Date:

Page:

None Given September 29, 2008

www.acmelab.com

2 of 3 Part 1

VAN08009286.1

## CERTIFICATE OF ANALYSIS

				_				_														
		Method	WGHT	G6	G6	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR
		Analyte	Wgt	Au	Ag	Мо	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	Р	Cr
		Unit	kg	gm/mt	gm/mt	%	%	%	%	gm/mt	%	%	%	%	%	%	%	%	%	%	%	%
r		MDL	0.01	0.01	5	0.001	0.001	0.01	0.01	2	0.001	0.001	0.01	0.01	0.01	0.001	0.001	0.001	0.01	0.01	0.001	0.001
TKRB0001	Rock		1.26	<0.01	<5	<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	<0.01	0.82	<0.01	<0.001	<0.001	< 0.001	<0.01	0.01	0.014	<0.001
TKRB0002	Rock		1.23	<0.01	<5	<0.001	0.006	0.02	0.02	<2	<0.001	<0.001	0.10	1.70	<0.01	<0.001	<0.001	<0.001	<0.01	0.02	0.024	0.001
TKRB0003	Rock		1.16	0.02	<5	<0.001	0.014	0.02	0.02	<2	<0.001	<0.001	0.06	1.87	<0.01	<0.001	<0.001	<0.001	<0.01	0.04	0.035	<0.001
TKRB0004	Rock		1.45	<0.01	<5	<0.001	0.002	0.02	<0.01	<2	<0.001	<0.001	<0.01	1.11	<0.01	0.005	<0.001	<0.001	<0.01	0.02	0.030	<0.001
TKRB0005	Rock	.	1.54	<0.01	<5	<0.001	0.004	<0.01	0.02	<2	<0.001	<0.001	0.02	1.76	<0.01	0.002	<0.001	<0.001	<0.01	0.06	0.032	0.001
TKRB0006	Rock		1.62	<0.01	<5	<0.001	0.979	0.02	<0.01	<2	<0.001	<0.001	<0.01	1.39	<0.01	0.001	<0.001	<0.001	<0.01	0.09	0.054	<0.001
TKRB0007	Rock		1.26	0.02	8	<0.001	1.469	0.04	0.02	8	< 0.001	<0.001	0.05	2.05	<0.01	0.002	<0.001	<0.001	<0.01	0.14	0.073	<0.001
TKRB0008	Rock		1.12	0.01	21	<0.001	1.410	0.02	<0.01	20	<0.001	<0.001	0.08	1.08	<0.01	0.002	<0.001	<0.001	<0.01	0.26	0.054	<0.001
TKRB0009	Rock		1.28	<0.01	19	<0.001	0.874	0.02	<0.01	18	<0.001	<0.001	0.08	1.15	<0.01	0.002	< 0.001	<0.001	<0.01	0.65	0.045	<0.001
TKRB0010	Rock		1.04	<0.01	23	<0.001	0.842	<0.01	<0.01	22	<0.001	<0.001	0.06	1.17	<0.01	0.002	<0.001	<0.001	<0.01	0.15	0.040	<0.001
TKRB0011	Rock		1.12	<0.01	5	<0.001	0.005	<0.01	<0.01	<2	<0.001	<0.001	0.10	3.93	<0.01	<0.001	<0.001	<0.001	<0.01	0.05	0.054	<0.001
TKRB0012	Rock		0.95	<0.01	<5	<0.001	0.006	<0.01	0.05	<2	<0.001	<0.001	0.09	2.01	<0.01	0.002	<0.001	<0.001	<0.01	0.42	0.035	<0.001
TKRB0013	Rock		1.21	<0.01	33	<0.001	1.325	0.01	<0.01	32	<0.001	<0.001	0.06	1.09	<0.01	0.003	<0.001	0.001	<0.01	0.26	0.055	<0.001
TKRB0014	Rock		0.83	<0.01	<5	<0.001	0.116	<0.01	<0.01	<2	<0.001	<0.001	0.08	1.14	<0.01	0.001	<0.001	<0.001	<0.01	0.98	0.024	<0.001
TKRB0015	Rock		1.25	0.03	<5	<0.001	0.010	<0.01	<0.01	<2	<0.001	<0.001	0.02	2.87	<0.01	0.001	<0.001	<0.001	<0.01	0.20	0.083	<0.001
TKRB0016	Rock		1.29	0.03	<5	<0.001	0.002	<0.01	<0.01	<2	<0.001	<0.001	0.05	2.95	<0.01	0.002	<0.001	<0.001	<0.01	0.17	0.084	<0.001
TKRB0017	Rock		1.60	0.01	<5	<0.001	0.005	0.01	0.02	<2	<0.001	<0.001	0.27	4.39	<0.01	<0.001	< 0.001	<0.001	<0.01	<0.01	0.029	<0.001
TKRB0018	Rock		1.74	0.01	6	<0.001	0.004	<0.01	0.02	<2	<0.001	<0.001	0.20	4.08	<0.01	<0.001	<0.001	<0.001	<0.01	0.01	0.023	<0.001
TKRB0019	Rock		1.08	0.01	6	<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	0.02	1.19	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	0.008	<0.001
TKRB0020	Rock	[	1.02	0.03	645	<0.001	5.806	0.07	0.57	644	<0.001	0.003	0.74	8.66	<0.01	0.002	<0.001	0.001	<0.01	0.35	0.103	0.001
TKRB0021	Rock	[	1.33	<0.01	118	<0.001	0.936	0.03	0.18	111	<0.001	0.004	0.62	10.13	<0.01	0.009	<0.001	<0.001	<0.01	0.93	0.104	<0.001
TKR80022	Rock		1.32	<0.01	225	<0.001	2.189	0.02	0.21	219	<0.001	0.004	0.52	10.91	<0.01	0.013	<0.001	<0.001	<0.01	0.48	0.094	<0.001
TKRB0023	Rock		0.71	0.01	43	<0.001	0.237	<0.01	0.16	34	0.001	0.004	0.81	8.88	<0.01	0.013	<0.001	<0.001	<0.01	2.30	0.087	<0.001
TKRB0024	Rock		1.30	0.08	44	<0.001	0.444	0.06	0.08	39	<0.001	<0.001	0.28	6.95	<0.01	0.002	<0.001	<0.001	<0.01	0.52	0.087	<0.001
TKRB0025	Rock		0.61	0.03	45	<0.001	0.287	<0.01	0.06	40	<0.001	<0.001	0.17	2.83	<0.01	0.002	<0.001	0.001	<0.01	0.63	0.038	<0.001
TKRB0026	Rock		1.39	0.03	33	<0.001	1.257	0.09	0.14	31	<0.001	<0.001	0.09	1.92	<0.01	0.003	<0.001	0.001	<0.01	0.46	0.042	<0.001
TKRB0027	Rock	†	1.03	0.01	<5	<0.001	0.004	<0.01	<0.01	<2	<0.001	<0.001	0.04	1.70	<0.01	<0.001	<0.001	<0.001	<0.01	0.05	0.045	0.001
TKRB0028	Rock		1.30	0.02	<5	<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	0.02	0.89	<0.01	<0.001	<0.001	<0.001	<0.01	0.01	0.009	<0.001
TKRB0029	Rock		1.17	0.04	<5	<0.001	<0.001	<0.01	0.01	<2	<0.001	<0.001	0.04	2.52	<0.01	0.003	< 0.001	< 0.001	<0.01	0.03	0.042	<0.001
TKRB0030	Rock		1.08	<0.01	<5	<0.001	<0.001	<0.01	0.02	<2	<0.001	<0.001	0.12	2.34	<0.01	0.001	< 0.001	< 0.001	<0.01	0.08		<0.001
															1		÷	0.001		4.00		



Bilquist, Ron

1410 Degnen Road Gabriola BC V0R 1X7 Canada

Part 2

Project: Report Date:

Page:

Date:

September 29, 2008

None Given

2 of 3

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## CERTIFICATE OF ANALYSIS

1

	Method	7AR	7AR	7AR	7AR	7AR	7AR
	Analyte	Mg	AI	Na	ĸ	w	Hg
	Unit	%	%	%	%	%	%
	MDL	0.01	0.01	0.01	0.01	0.001	0.001
TKRB0001 Rock		0.01	0.25	0.04	0.25	<0.001	<0.001
TKRB0002 Rock		0.30	0.86	0.08	0.14	<0.001	<0.001
TKRB0003 Rock		0.32	0.87	0.05	0.23	<0.001	<0.001
TKRB0004 Rock		0.02	0.35	0.22	0.29	<0.001	<0.001
TKRB0005 Rock		0.06	0.35	0.08	0.18	<0.001	<0.001
TKRB0006 Rock		0.04	0.54	0.06	0.26	< 0.001	<0.001
TKRB0007 Rock		0.12	0.64	80.0	0.24	<0.001	< 0.001
TKRB0008 Rock		0.19	0.71	0.05	0.19	<0.001	<0.001
TKRB0009 Rock		0.22	0.83	0.05	0.25	< 0.001	<0.001
TKRB0010 Rock		0.16	0.65	0.05	0.20	<0.001	<0.001
TKRB0011 Rock		0.71	0.83	0.12	0.13	<0.001	<0.001
TKRB0012 Rock		0.18	0.40	0.03	0.22	<0.001	<0.001
TKR80013 Rock		0.16	0.60	0.07	0.14	<0.001	<0.001
TKRB0014 Rock		0.23	0.63	0.05	0.17	<0.001	<0.001
TKRB0015 Rock		0.07	0.56	0.05	0.27	<0.001	<0.001
TKRB0016 Rock		0.47	0.91	0.02	0.24	<0.001	<0.001
TKRB0017 Rock		0.58	1.97	<0.01	0.38	<0.001	<0.001
TKRB0018 Rock		0.47	1.74	<0.01	0.35	<0.001	<0.001
TKRB0019 Rock		0.11	0.85	0.17	0.27	<0.001	<0.001
TKRB0020 Rock		2.09	2.55	<0.01	0.43	0.001	<0.001
TKRB0021 Rock		2.27	3.43	0.02	1.99	<0.001	<0.001
TKRB0022 Rock		2.09	3.22	0.02	2.01	0.001	<0.001
TKRB0023 Rock		3.10	4.17	0.20	2.58	<0.001	<0.001
TKRB0024 Rock		1.16	2.26	0.06	0.75	<0.001	<0.001
TKRB0025 Rock		0.38	0.76	<0.01	0.48	<0.001	<0.001
TKRB0026 Rock		0.18	0.64	<0.01	0.53	<0.001	<0.001
TKRB0027 Rock		0.39	0.99	0.07	0.28	<0.001	<0.001
TKRB0028 Rock		0.09	0.57	0.06	0.34	<0.001	<0.001
TKRB0029 Rock		0.27	0.72	0.06	0.19	<0.001	<0.001
TKRB0030 Rock		0.57	1.31	0.04	0.23	<0.001	<0.001

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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## VAN08009286.1

# AcmeLabs ACME ANALYTICAL LABORATORIES LTD. 1020 Cordova St. East Vancouver BC V6A 4A3 Canada

**Client:** 

#### **Bilquist, Ron**

1410 Degnen Road Gabriola BC V0R 1X7 Canada

Part 1

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Page:

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3 of 3

CERTIFIC	CATE O	F AN	IALY	′SIS													VA	AN08	3009	286	5.1	
		Method Analyte	WGHT Wgt	G6 Au	G6 Ag	7AR Mo	7AR Cu	7AR Pb	7AR Zn	7AR Ag	7AR Ni	7AR Co	7AR Mn	7AR Fe	7AR As	7AR Sr	7AR Cd	7AR Sb	7AR Bi	7AR Ca	7AR P	7AR Cr
		Unit	-	gm/mt	gm/mt	%	%	%	%	gm/mt	%	%	%	%	%	%	%	%	%	%	%	%
		MDL	-	0.01	5	0.001	0.001	0.01	0.01	2	0.001	0.001	0.01	0.01	0.01	0.001	0.001	0.001	0.01	0.01	0.001	0.001
TKRB0031	Rock		0.64	0.54	103	0.003	4.281	1.08	0.53	99	<0.001	0.001	0.55	7.81	<0.01	0.002	0.006	<0.001	<0.01	0.78	0.038	<0.001
TKRB0032	Rock		0.91	<0.01	<5	<0.001	0.266	0.15	0.18	<2	<0.001	0.002	0.55	8.10	<0.01	0.003	0.002	<0.001	<0.01	1.34	0.194	<0.001
TKRB0033	Rock		0.99	0.02	<5	<0.001	0.003	<0.01	<0.01	<2	<0.001	<0.001	0.06	1.28	<0.01	0.002	<0.001	<0.001	<0.01	0.19	0.029	0.001
TKRB0034	Rock		1.42	0.06	<5	<0.001	0.004	0.01	<0.01	<2	<0.001	<0.001	0.06	1.96	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	0.012	<0.001



**Bilguist, Ron** 

1410 Degnen Road Gabriola BC V0R 1X7 Canada

Part 2

VAN08009286.1

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Page:

September 29, 2008

None Given

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3 of 3

## CEDTIFICATE OF ANALVSIS

1

	Method Analyte	7AR	7AR Al	7AR Na	7AR K	7AR W	7AR Hg
	Unit: MDL	Mg % 0.01	% 0.01	% 0.01	% 0.01	% 0.001	0.001
TKRB0031	Rock	1.21	2.71	0.03	0.42	0.001	<0.001
TKRB0032	Rock	1.35	3.74	0.15	0.42	<0.001	<0.001
TKRB0033	Rock	0.36	0.81	0.03	0.27	<0.001	<0.001
TKRB0034	Rock	0.27	0.95	<0.01	0.32	<0.001	<0.001

	Method	7AR	7AR	7AR	7AR	7AR	7AR
	Analyte	Mg	AI	Na	к	W	Hg
	Unit	%	%	%	%	%	%
	MDL	0.01	0.01	0.01	0.01	0.001	0.001
TKRB0031	Rock	1.21	2.71	0.03	0.42	0.001	<0.001
TKRB0032	Rock	1.35	3.74	0.15	0.42	<0.001	<0.001
TKRB0033	Rock	0.36	0.81	0.03	0.27	<0.001	<0.001
	<u>-</u> †	0.07	0.05	-0.01	0.00	<0.001	<0.001



Bilquist, Ron

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VAN08009286.1

Project: Report Date:

Page:

September 29, 2008

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1 of 1 Part 1

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## QUALITY CONTROL REPORT

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	Method	WGHT	G6	G6	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR
	Analyte	Wgt	Au	Ag	Мо	Cu	РЬ	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Çd	Sb	Bi	Ca	P	C
	Unit	kg	gm/mt	gm/mt	%	%	%	%	gm/mt	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.01	0.01	5	0.001	0.001	0.01	0.01	2	0.001	0.001	0.01	0.01	0.01	0.001	0.001	0.001	0.01	0.01	0.001	0.001
Pulp Duplicates																_					_
TKRB0003	Rock	1.16	0.02	<5	<0.001	0.014	0.02	0.02	<2	<0.001	<0.001	0.06	1.87	<0.01	<0.001	<0.001	<0.001	<0.01	0.04	0.035	<0.001
REP TKRB0003	QC		<0.01	<5																	
TKRB0012	Rock	0.95	<0.01	<5	<0.001	0.006	<0.01	0.05	<2	<0.001	<0.001	0.09	2.01	<0.01	0.002	<0.001	<0.001	<0.01	0.42	0.035	<0.001
REP TKRB0012	QC		<0.01	<5																	
Reference Materials													-								
STD R4A	Standard				0.055	0.511	1.55	3.27	87	0.348	0.039	0.06	23.37	0.02	0.004	0.017	0.014	<0.01	0.95	0.042	0.013
STD R4A	Standard				0.056	0.507	1.54	3.28	87	0.346	0.040	0.06	23.12	0.02	0.004	0.018	0.014	<0.01	0.97	0.042	0.013
STD R4A	Standard				0.067	0.538	1.61	3.68	92	0.372	0.046	0.07	24.46	0.03	0.004	0.022	0.014	<0.01	1.12	0.185	0.014
STD SF-3A	Standard		-		0.030	0.760	0.90	1.09	50	0.341	0.017	0.41	7.81	<0.01	0.005	0.004	<0.001	<0.01	2.57	0.052	0.016
STD SF-3A	Standard				0.030	0.787	0.96	1.08	52	0.337	0.018	0.43	7.84	<0.01	0.006	0.004	<0.001	<0.01	2.64	0.054	0.017
STD SF-3A	Standard				0.032	0.814	0.95	1.07	56	0.361	0.019	0.43	8.12	<0.01	0.006	0.005	<0.001	<0.01	2.68	0.116	0.018
STD SP17	Standard		17.41	58		-											·				
STD SP17	Standard		17.88	57																	
STD SP17	Standard		17.89	59																	
STD SP17	Standard		18.08	58																	
STD R4A Expected					0.054	0.511	1.5	3.3	88	0.345	0.04	0.06	23.11	0.02	0.003	0.018	0.013	0	0.92	0.042	0.012
STD SF-3A Expected					0.0308	0.7705	0.9625	1.0628	54	0.3365	0.0183	0.4247	7.91	0.0046	0.005	0.0045	0.001	0	2.59	0.054	0.0167
STD SP17 Expected			18.13	59.16							-		-								
BLK	Blank				<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.001	<0.001
BLK	Blank				<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.001	<0.001
BLK	Blank				<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.01	< 0.001	<0.001	<0.001	<0.01	<0.01	<0.001	<0.001
BLK	Blank		<0.01	<5																	
BLK	Blank	-	<0.01	<5																	
BLK	Blank		<0.01	<5					-												
BLK	Blank		<0.01	<5		-													-		
Prep Wash																					
G1	Prep Blank	<0.01	<0.01	<5	<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	0.06	2.14	<0.01	0.008	<0.001	<0.001	<0.01	0.68	0.095	<0.001
G1	Prep Blank	<0.01	<0.01	<5	<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	0.07	2.19	<0.01	0.007	<0.001	< 0.001	<0.01	0.62	0.097	



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Project: Report Date:

Page:

September 29, 2008

None Given

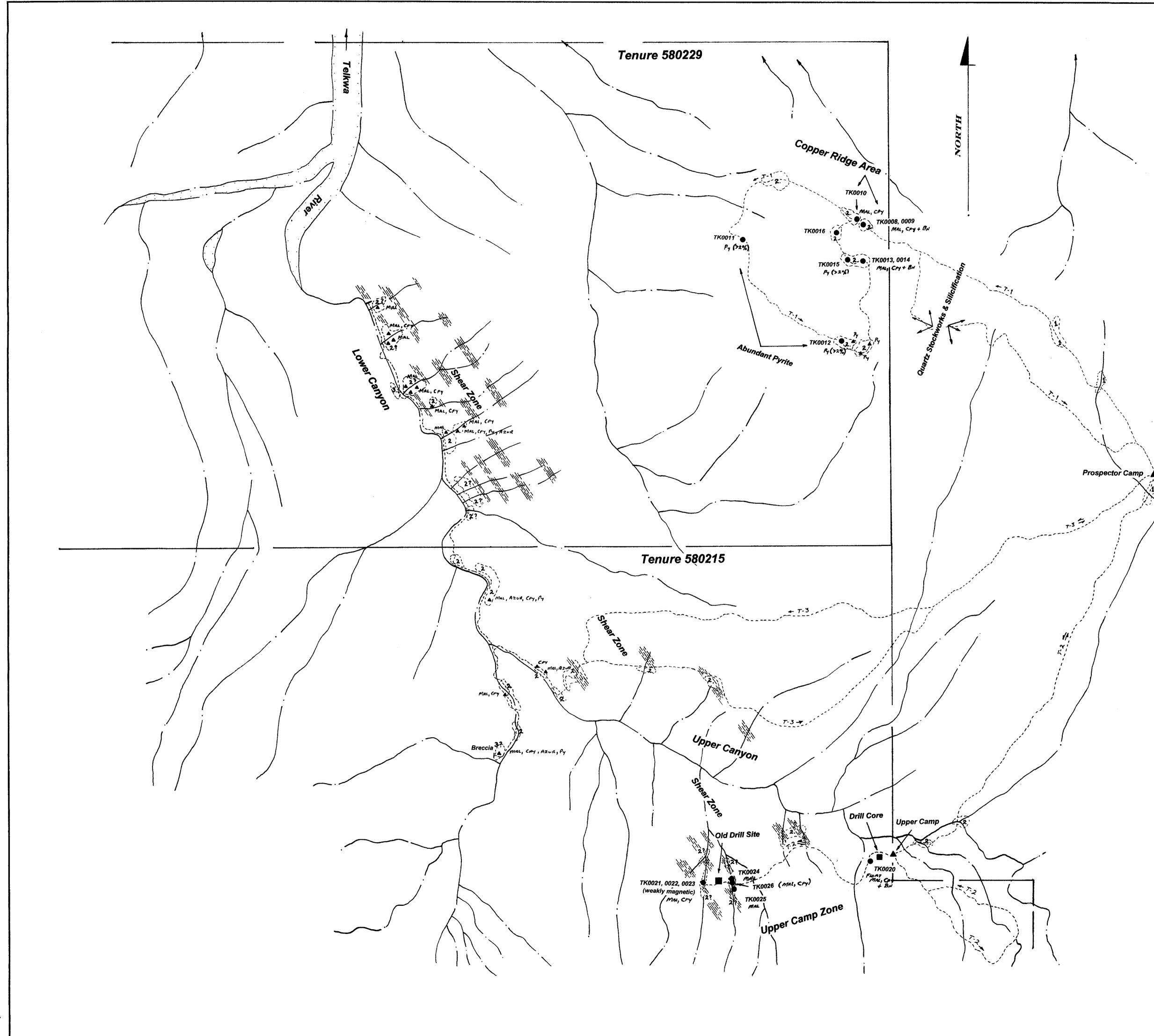
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1 of 1 Part 2

## QUALITY CONTROL REPORT

	Method	7AR	7AR	7AR	7AR	7AR	7AR
	Analyte	Mg	Al	Na	κ	w	Hg
	Unit	%	%	%	%	%	%
	MDL	0.01	0.01	0.01	0.01	0.001	0.001
Pulp Duplicates							
TKRB0003	Rock	0.32	0.87	0.05	0.23	<0.001	<0.001
REP TKRB0003	QC						
TKRB0012	Rock	0.18	0.40	0.03	0.22	<0.001	<0.001
REP TKRB0012	QC						
Reference Materials							
STD R4A	Standard	0.86	1.33	0.10	0.53	<0.001	0.001
STD R4A	Standard	0.87	1.31	0.07	0.55	<0.001	<0.001
STD R4A	Standard	0.99	1.49	0.11	0.54	<0.001	0.001
STD SF-3A	Standard	4.25	1.02	0.49	1.02	< 0.001	<0.001
STD SF-3A	Standard	4.29	1.05	0.51	1.05	<0.001	<0.001
STD SF-3A	Standard	4.40	1.12	0.49	1.05	<0.001	<0.001
STD SP17	Standard	· ·					
STD SP17	Standard						
STD SP17	Standard						
STD SP17	Standard						
STD R4A Expected		0.84	1.27	0.07	0.511	0	0.001
STD SF-3A Expected		4.27	. 1	0.47	0.99	0	0.00006
STD SP17 Expected	Ī						
BLK	Blank	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001
BLK	Blank						
BLK	Blank						
BLK	Blank						
BLK	Blank						
Prep Wash						-	
G1	Prep Blank	0.66	1.24	0.15	0.63	<0.001	<0.001
G1	Prep Blank	0.67	1.18	0.15	0.62	<0.001	<0.001





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## Significant Analysis

Samp	Au	Ag	Мо	Cu	Pb	Zn	Fe
#	GM/T	GM/T	%	%	%	%	%
ткооо8	0.01	21	<0.001	1.41	0.02	<0.01	1.08
ткооо9	<0.01	19	<0.001	0.874	0.02	<0.01	1.15
ткоо10	<0.01	23	<0.001	0.842	<0.01	<0.01	1.17
TK0011	<0.01	5	<0.001	0.005	<0.01	<0.01	3.93
ТКОО12	<0.01	<5	<0.001	0.006	<0.01	0.05	2.01
ТКОО13	<0.01	່ <u>33</u> ່	<0.001	1.325	0.01	<0.01	1.09
TK0014	<0.01	<5	<0.001	0.116	<0.01	<0.01	1.14
TK0015	0.03	<5	<0.001	0.01	<0.01	<0.01	2.87
TK0016	0.03	<5	<0.001	0.002	<0.01	<0.01	2.95
ткоо20	0.03	645	<0.001	5.806	0.07	0.57	8.66
TK0021	<0.01	118	<0.001	0.936	0.03	0.18	10.13
TK0022	<0.01	225	<0.001	2.189	0.02	0.21	<b>10.9</b> 1
TK0023	0.01	43	<0.001	0.237	<0.01	0.16	8.88
ТК0024	0.08	44	<0.001	0.444	0.06	0.08	6.95
TK0025	0.03	45	<0.001	0.287	<0.01	0.06	2.83
TK0026	0.03	33	<0.001	1.257	0.09	0.14	1.92

<u>Legend</u>

• TK0001	Sample location, number
<u>11</u>	Prospector traverse and direction
C12	Outcrop
	Shear Zone
▲	Mineralization (unsampled)
Сру	Chalcopyrite
Bn	Bornite
Mal	Malachite
Azur	Azurite
Py	Iron Pyrite

## <u>Geology</u>

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## Volcanic Rocks:

1. Brick red tuffs; (Nilkitkwa Formation, Jurassic)

<b>2</b> .	Pyroclastics and tuffs; (Lower Jurassic Howson Facies
	Of Telkwa Formation)

## Intrusive Rocks:

3. Granodiorite; (Topley Intrusive Stower Jurassic)

Telkwa Property								
SCALE: 1:5000	Prospectors Map	DRAWN BY RJB						
DATE: 20 April 2009	REVISED 31 Sep 200							
Telkwa Pr	operty Tenure #'s 580	215, 580229						
Ron Bilji								