

**2001 DIAMOND DRILLING REPORT**

**094257**

**ON THE**

**CANYON GOLD KM. 410 PROJECT**

**Whitehorse Mining District  
NTS: 105K/3  
Latitude 62°09', Longitude 133°09'**

**KAOLIN CLAIMS  
(Aug. 30<sup>th</sup> – Sept. 11<sup>th</sup>, 2001)**



**By: A. Carlos (owner of claims)  
January 17, 2002**

**File Number 01-012**

This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 4950.00.

*M. B. [Signature]*  
Regional Manager, Exploration and  
Geological Services for Commissioner  
of Yukon Territory.

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## **INTRODUCTION**

A brief history of the Km. target leading to the present is detailed further on in this text. The late summer of 2001, between Aug. 20<sup>th</sup> and Sept. 11<sup>th</sup>, was spent in an attempt to assess an Enzyme Leach geochemical anomaly determined the year prior.

## **PROGRAM 2001**

Hole CGK-410-1 was drilled to 235 ft. (-60°). The target was Enzyme Leach anomaly A (Appendix 5). My sons Luke and Shane aided me in this endeavor. The presence of economic mineralization was not determined. However, the pervasive brecciation and clay alteration and other field evidence would suggest that further drilling be undertaken.

## **HISTORY**

The Km. 410 area was first identified as a potentially significant target in 1984, based on the observation that a quartz-feldspar porphyry dome outcrops in the area. Also present are several north-south trending extensional faults. Trenching in 1991 exposed a 35 metre interval of extensive clay alteration with a prominent red, yellow and orange colour anomaly in felsic volcanic rocks. The exposure contained weakly anomalous gold values up to 325 ppb and was very similar to the strong clay altered zones at the western end of the MAIN ZONE at Grew Creek. An airborne survey flown in 1988 resulted in the discovery of a large resistivity low anomaly centered to the west of the above trench and trending along the Grew Creek fault. Hand pitting in 1992 determined that intensely clay altered Eocene sediments were, at least in part, responsible for the resistivity low. Several till concentrate samples taken down-ice of the area in 1988 and 1992 were determined very anomalous in gold and arsenic.

## **DISCUSSION OF DIAMOND DRILLING**

A drillers perspective I believe to be important, as he sees the core as it is recovered. Prior to being placed in the box, the core had to be washed by pressure spray to remove a persistent thick coating of sticky gray clay. One had to be careful however – as the underlying core was granular, poorly cemented and washed away readily. There were several more competent sections where this was not the case. Upon drying, the material became consolidated. I do not believe “mudstone sections” – page 2 of logs – to be cracks filled with clay till.

A problem with the last 3 ft. section of casing becoming unscrewed put an end to this hole.

# GEOLOGY: THE YUKON'S UNIQUE RESOURCE



The Yukon's geology is complex and full of surprises. Over the years, areas previously explored for minerals have been revisited with innovative technology and geological modelling, resulting in the discovery of new deposits. The tumultuous geological history of the Yukon's rocks, combined with the fact that

our large territory has not yet been fully explored, creates the potential for large discoveries.

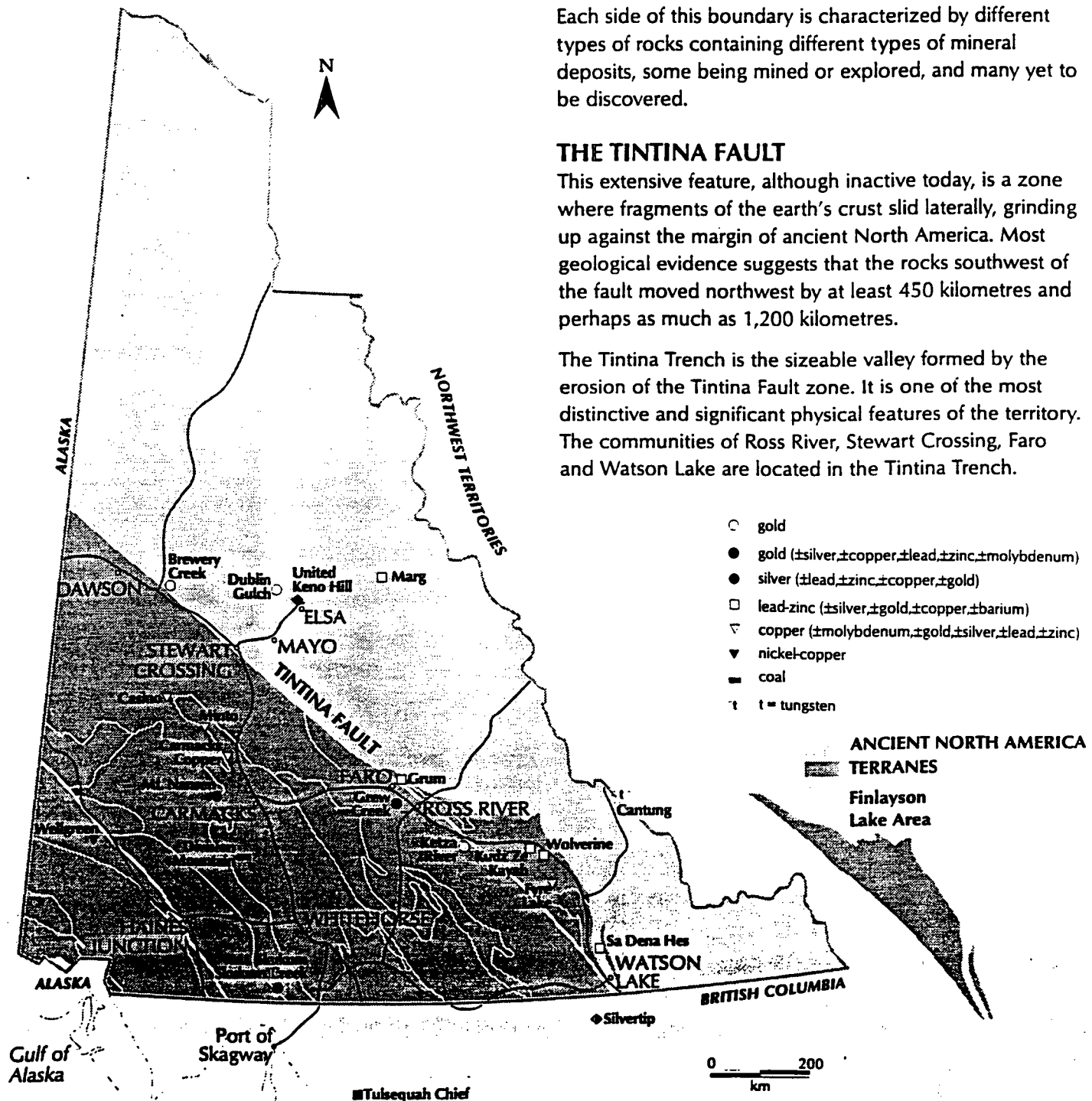
The Yukon's geology can be roughly split into two rock groups: those north of the Tintina Fault and those south of it. This dividing line cuts northwest to southeast across the territory from Alaska to northern British Columbia.

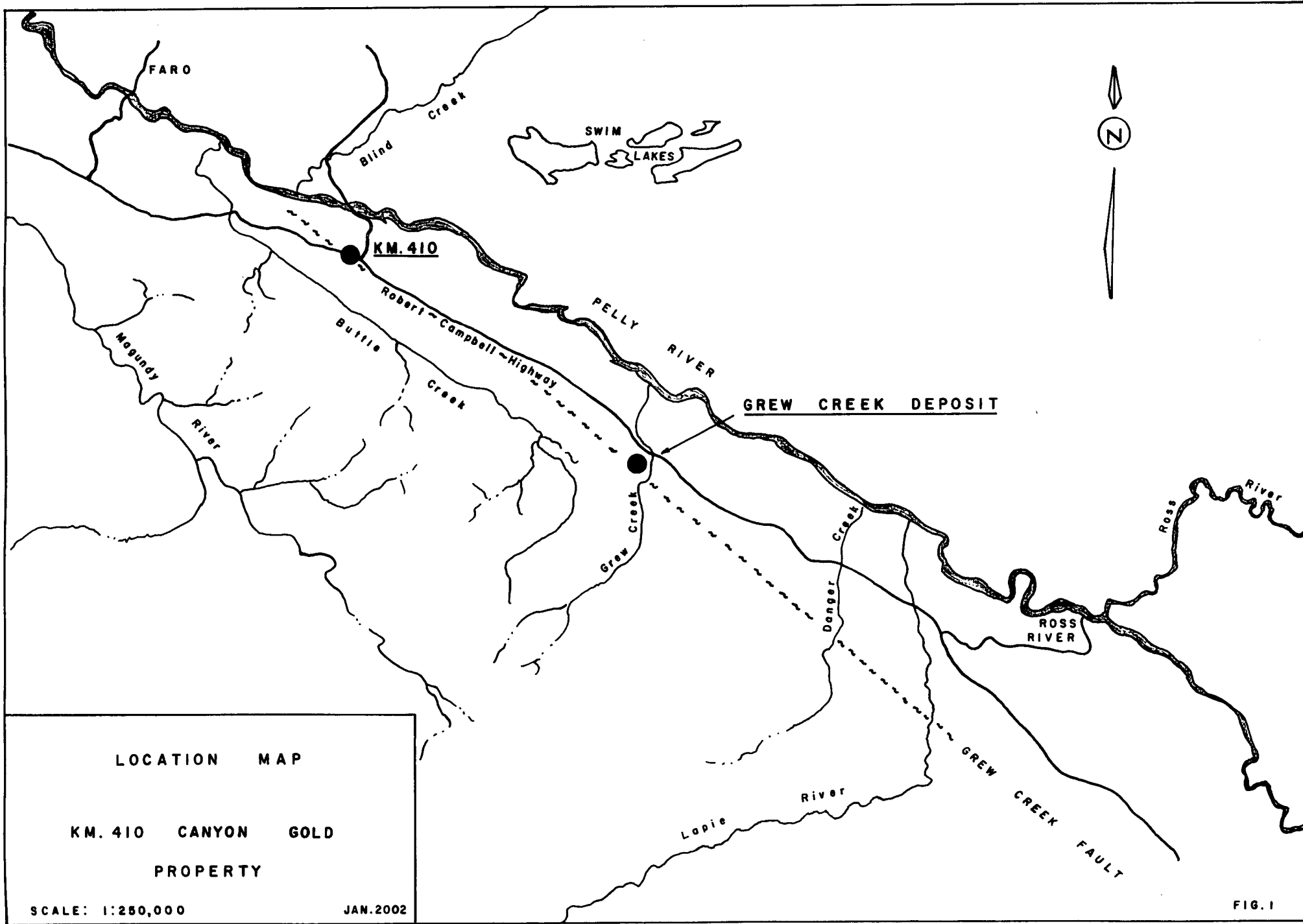
Each side of this boundary is characterized by different types of rocks containing different types of mineral deposits, some being mined or explored, and many yet to be discovered.

## THE TINTINA FAULT

This extensive feature, although inactive today, is a zone where fragments of the earth's crust slid laterally, grinding up against the margin of ancient North America. Most geological evidence suggests that the rocks southwest of the fault moved northwest by at least 450 kilometres and perhaps as much as 1,200 kilometres.

The Tintina Trench is the sizeable valley formed by the erosion of the Tintina Fault zone. It is one of the most distinctive and significant physical features of the territory. The communities of Ross River, Stewart Crossing, Faro and Watson Lake are located in the Tintina Trench.





LOCATION MAP

KM. 410 CANYON GOLD  
PROPERTY

SCALE: 1:250,000

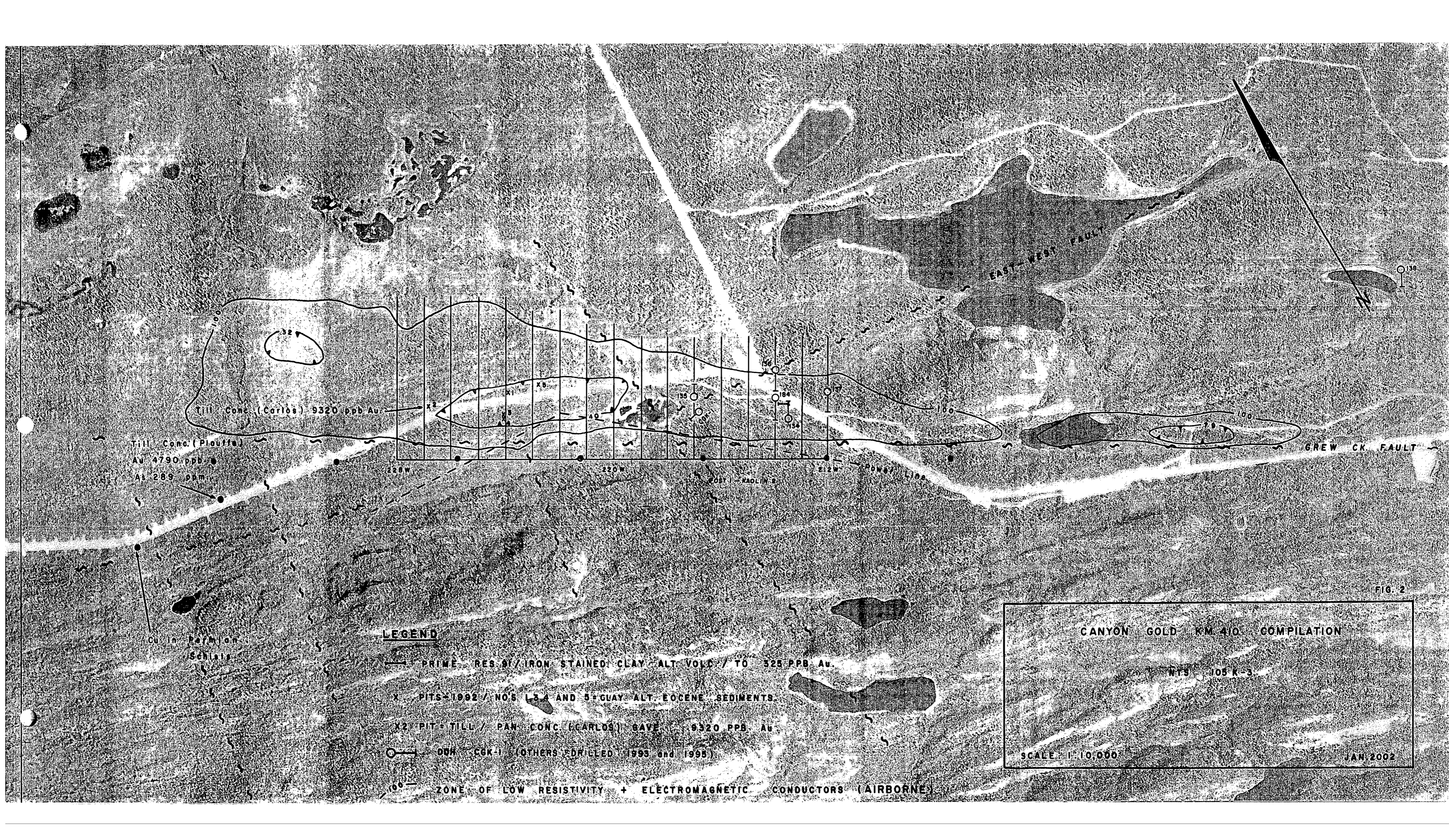
JAN. 2002

FIG. 1

## CONCLUSIONS AND RECOMMENDATIONS

Pervasive clay alteration, brecciation and presence of blotchy and disseminated marcasite-pyrite indicate a potentially conducive environment for Epithermal mineralization. A compilation of past work (fig.2) supports this observation. Perhaps it may be as simple as drilling this Enzyme Leach anomaly to a deeper level. In a 1966 report regarding other drilling in the vicinity, Robert Stroshein stated: "the diamond drilling at Km. 410 has indicated that the extensive hydrothermal alteration is at a high level within the epithermal system." My understanding of this deposit type, together with available evidence, would support his statement.

More and deeper drilling is recommended. A resistivity survey would aid in spotting drill holes, as a large part of the target area is bog – preventing effective geochemical work.



Till Conc. (Carlos) 9320 ppb Au  
 Till Conc. (Plouffe)  
 Au 4790 ppb  
 As 289 ppm

EAST-WEST FAULT

GREW CK FAULT

**LEGEND**

- PRIME RES. 91/IRON STAINED CLAY ALT VOLT / TO 525 PPB Au.
- X PITS-1992 / NO'S 1,3,4 AND 5=GLAY ALT. EOCENE SEDIMENTS
- X2 PIT = TILL / PAN CONC. (CARLOS) GAVE 9320 PPB Au
- DRH (CGK-1) (OTHERS DRILLED 1993 and 1995)
- ZONE OF LOW RESISTIVITY + ELECTROMAGNETIC CONDUCTORS (AIRBORNE)

CANYON GOLD - KM 410 - COMPILATION

NTS 105 K-3  
 SCALE 1:10,000  
 JAN 2002

FIG. 2

## APPENDIX 1

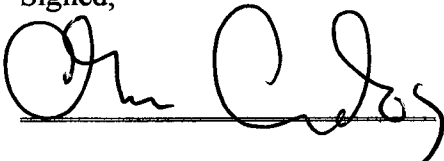
### STATEMENT OF QUALIFICATIONS

#### ALLEN M. CARLOS, PROSPECTOR

I, Allen M. Carlos of Whitehorse, Yukon Territory, hereby certify that:

1. I have been actively engaged as a mineral prospector in Western Canada for 35 years, initially for a major company, then as an independent.
2. I studied 3 years at the University of Saskatchewan:  
One year of Engineering followed by 2 years Arts and Science (Geology).
3. I worked one year in northern Saskatchewan as a student assistant for the Department of Mineral Resources.
4. I have for the last 18 years spent much time researching papers regarding Volcanic Hosted Epithermal type deposits.
5. In 1983 I was responsible for discovering the Grew Creek precious metal deposit, the first epithermal deposit of this type along the Tintina Trench in Yukon.
6. I planned and with the aid of my sons, carried out the current program.

Signed,

A handwritten signature in black ink, appearing to read "Allen M. Carlos", written over a horizontal line.

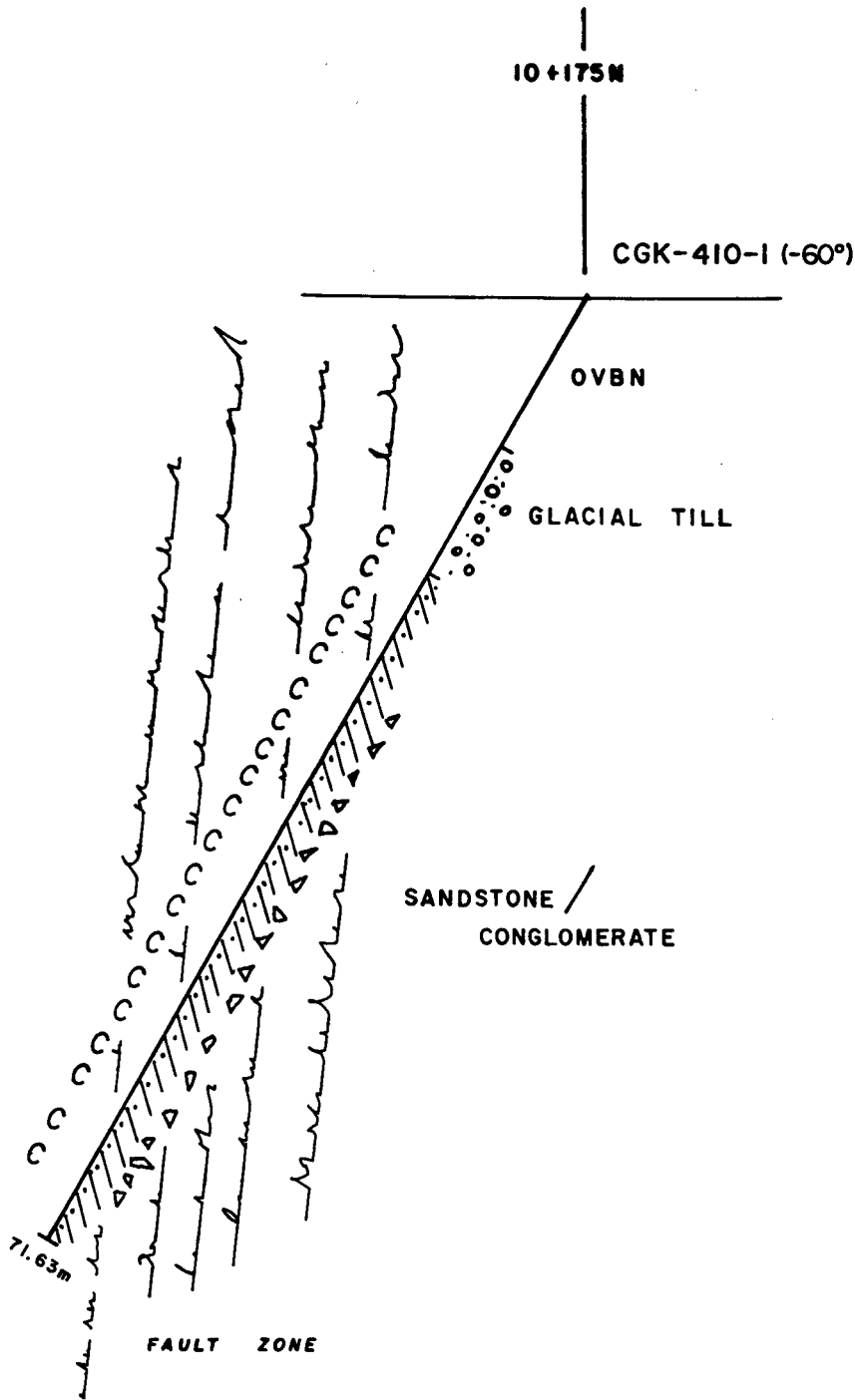
Allen M. Carlos, PROSPECTOR

January 15, 2002

**APPENDIX 2**

**DIAMOND DRILL HOLE CROSS SECTION**

**2001 DRILL PROGRAM**



**LEGEND:**

- Δ** BRECCIA
- C** CLAY ALTERATION

<u>D.D.H. CGK-410-1 (2001)</u>	
COLLAR 21+680W	AZIMUTH 255°
LOOKING NW	SCALE: 1:500

**APPENDIX 3**

**DIAMOND DRILL HOLE  
DESCRIPTIVE LOG**

# GREW CREEK PROJECT

## DIAMOND DRILL HOLE LOGS

### GEOLOGIC AND ALTERATION LEGEND

#### PLEISTOCENE

**OVBN** Overburden: poorly sorted, clay rich glacial till; numerous exotic boulders rounded to sub-angular in clay rich matrix. Or, preglacial gravel; rusty weathered sandy to pebbles of exotic composition recoveries very poor. Or, carbonaceous black organic deposits; locally coal beds at deeper levels.

#### EOCENE

**SEDS** Fluvial sedimentary rocks: moderately to poorly consolidated interbedded sandstone, conglomerate, argillite and coal. Light grey to black, moderately to poorly sorted sandstone and polymictic conglomerate with gradational contacts. Conglomerate is clast supported with sandy matrix. Sandstone massive to graded bedding and locally cross bedded. Argillite is fissile black mudstone to coaly deposits. Thin beds within the clastic graded sequence.

**TUFF** Felsic crystal tuff: otherwise identified as:

**RHYT:** felsic crystal or ash tuff with variable lithic or lapilli clasts.

**S&P TUFF:** salt and pepper texture of non-welded rhyolite crystal lithic tuff. Lithic clasts of uniform size ranging from 1-3 mm in crystal matrix.

**CLP TUFF:** rhyolite crystal lithic or lapilli pumice tuff. Distal facies poorly sorted with minor lapilli clasts predominant lithic clast and crystal tuff matrix. Proximal facies predominantly lapilli rhyolite and pumice fragments with minor dark crystal matrix.

**WELDED RHYT:** welded CLP tuff. Creamy grey to green pseudoporphry with rounded and broken white to grey "phenocryst" of calcite or rhyolite.

**RHY** **RHYOLITE:** massive fine grained grey rhyolite. Partially brecciated. Other types as follows:

RHYX: rhyolite breccia.

RHYP: rhyolite "quartz eye" porphyry. Smoky grey quartz phenocryst in fine grained creamy to white groundmass.

QPOR: quartz porphyry. As RHYP with larger more prominent quartz phenocryst.

FPOR: feldspar porphyry. Grey euhedral feldspar phenocryst in fine grained grey groundmass.

QFP: quartz feldspar porphyry. Grey quartz eye and feldspar phenocryst in creamy white groundmass.

IVOL INTERMEDIATE VOLCANICS: dark grey green lithic and lapilli tuff and tuff breccia.

AND: fine grained massive andesite flow rocks. Occasionally porphyritic or amygdaloidal.

MVOL MAFIC VOLCANICS: dark green to black locally chloritized mafic tuff and tuff breccia.

BSLT: fine grained massive to porphyritic dark green basalt flow or dyke.

DIABASE DIABASE/MICROGABBRO/DIORITE: equigranular fine to medium grained mafic intrusive rocks. Composed of plagioclase grains and 20-40 % amphibole crystals.

CONG CONGLOMERATE: very resistant, strongly lithified quartz pebble conglomerate. Massive bedded with interbeds of SST - sandstone and ARG - argillite. Conglomerate is clast supported with rounded to sub-angular clasts of quartz, sandstone, siltstone and rare volcanic and metamorphic rocks. Interbeds of coarse sandstone are gradational quartzose beds of medium thickness. Siltstone beds are black carbonaceous.

## PALAEOZOIC

CPHY CHLORITIC SHEAR: well foliated heterolithic brecciated shear zone with chlorite rich matrix.

FLT FAULT ZONE: coarse heterolithic breccia in black carbonaceous clay matrix in conglomerate sequence or clay seams in volcanic rocks.


ALTERATION CODES:

- S SILICIFICATION: W - weak, patchy  
M - moderate, along vein margins  
P - pervasive
- A ARGILLIC: Ac - acid leaching  
F - feldspars selectively altered to clay  
P - pervasive clay altered
- C CARBONATE W - weak, patchy local calcification  
M - moderate calcite of matrix or calcite altered  
"phenocrysts"  
P - pervasive alteration of matrix and calcite  
"phenocrysts".  
S - strong, highly effervescent with HCl.
- Se SERICITE W - weak, patchy green alteration  
M - moderate alteration  
P - pervasive, bright green smectite alteration
- Py PYRITE
- |            |    |              |
|------------|----|--------------|
| Percentage | Tr | trace        |
|            | 1  | 1 - 3 %      |
|            | 2  | 3 - 5 %      |
|            | 3  | 5 - 10 %     |
|            | 4  | 10 - 20 %    |
|            | 5  | 20 - 40 %    |
| Type       | D  | disseminated |
|            | S  | stringer     |
- Qv QUARTZ VEINS Number of veins or stringers.
- T Type or Total Alteration Classification
- |    |                 |
|----|-----------------|
| Ph | phyllitic       |
| QA | quartz-adularia |
| A  | argillic        |
| W  | clay weathering |
| L  | local           |
| M  | moderate        |
| I  | intense         |
- CR Core recovery in %
- Struct. Int. Fracture intensity of core: degree of broken core from 0 - continuous whole core piece to 10 - no whole core pieces recovered.

GREW CREEK PROJECT

DIAMOND DRILL LOG

Hole No: CGK-410-1	Grid: Km 410	Claim:	Page 1 of 10
Depth: 71.63 m	Coordinates - Northing 10+175N	Bearing: 255° Az	Date Started:
Angle: -60°	- Easting: 21+680W	Elevation:	Date Completed:
Core Size: BQ	Dip Tests:	Drilled by: A. CARLOS	Logged By: Robert Strusheim

Footage		Rock Type	Alteration							Assays					% RCVR	Description		
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm	
0.00	11.55	OVBN															0	No recovery
11.55	21.15	OVBN GLUCAL TILL																Dark grey brown clay rich glacial fill with exotic rounded to sub-round pebbles and boulders. Cong, shale, sst, alp.
											11.55	13.00	1.45	056193			92%	5% pebbles & cobbles 5-6. apparent layering @ 12.50m @ 35° CA.
											13.00	14.50	1.50	056194			99%	13.20m - 5cm boulder of Qz Bre with fine str. 3. 13.57 - 14.50m large boulder of m. intensely altered (amphibole?) pebbles & cobbles Qz Bre, chq, f.g. light green thin laminated chert. An intensely altered breccia boulder with weathered in situ? Uppa CN @ 45° ca lower CN @ 7° ca.
											14.50	16.00	1.50	056195			97%	Till 15.60m - 10cm boulder light grey green Qz breccia. Visible on cutting -  fine lamination sub-parallel to core Axis



















**APPENDIX 4**

**ANALYTICAL RESULTS**

**CGK – 410 -1: 056193 - 056232**



# ALS Chemex

Aurora Laboratory Services Ltd.  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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To: CARLOS, ALLEN

275 ALSEK RD.  
 WHITEHORSE, YT  
 Y1A 4T1

A01282

Comments: ATTN: ALLEN CARLOS

**CERTIFICATE**

**A0128210**

(TFI) - CARLOS, ALLEN

Project: CANYON GOLD  
 P.O. #:

Samples submitted to our lab in Vancouver, BC.  
 This report was printed on 16-NOV-2001.

## SAMPLE PREPARATION

METHOD CODE	NUMBER SAMPLES	DESCRIPTION
3290	84	Ring 2000 g to approx -150 mesh
STO-21	84	Reject Storage-First 90 Days
LOG-22	84	Samples received without barcode
CRU-31	84	Crush to 70% minus 2mm
SPL-21	84	Splitting Charge

\* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

## ANALYTICAL PROCEDURES 1 of 2

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
WEI-21	84	Weight of received sample	BALANCE	0.01	1000.0
Au-AA24	84	Au ppb: Fuse 50 g sample	FA-AAS	5	10000
Ag-MS41	84	Ag ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	100.0
Al-MS41	84	Al %: ICP + ICP-MS package	ICP	0.01	15.00
As-MS41	84	As ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
B-MS41	84	B ppm: ICP + ICP-MS package	ICP	10	10000
Ba-MS41	84	Ba ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
Be-MS41	84	Be ppm: ICP + ICP-MS package	ICP	0.05	100.0
Bi-MS41	84	Bi ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
Ca-MS41	84	Ca %: ICP + ICP-MS package	ICP	0.01	15.00
Cd-MS41	84	Cd ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	500
Ce-MS41	84	Ce ppm: ICP + ICP-MS package	ICP-MS	0.02	500
Co-MS41	84	Co ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
Cr-MS41	84	Cr ppm: ICP + ICP-MS package	ICP	1	10000
Cs-MS41	84	Cs ppm: ICP + ICP-MS package	ICP-MS	0.05	500
Cu-MS41	84	Cu ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
Fe-MS41	84	Fe %: ICP + ICP-MS package	ICP	0.01	15.00
Ga-MS41	84	Ga ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
Ge-MS41	84	Ge ppm: ICP + ICP-MS package	ICP-MS	0.05	500.0
Hf-MS41	84	Hf ppm: ICP + ICP-MS package	ICP-MS	0.02	500.0
Hg-MS41	84	Hg ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
In-MS41	84	In ppm: ICP + ICP-MS package	ICP-MS	0.005	500.0
K-MS41	84	K %: ICP + ICP-MS package	ICP	0.01	10.00
La-MS41	84	La ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
Li-MS41	84	Li ppm: ICP + ICP-MS package	ICP-MS	0.1	500
Mg-MS41	84	Mg %: ICP + ICP-MS package	ICP	0.01	15.00
Mn-MS41	84	Mn ppm: ICP + ICP-MS package	ICP	5	10000
Mo-MS41	84	Mo ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
Na-MS41	84	Na %: ICP + ICP-MS package	ICP	0.01	10.00
Nb-MS41	84	Nb ppm: ICP + ICP-MS package	ICP-MS	0.05	500.0
Ni-MS41	84	Ni ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
P-MS41	84	P ppm: ICP + ICP-MS package	ICP	10	10000
Pb-MS41	84	Pb ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
Rb-MS41	84	Rb ppm: ICP + ICP-MS package	ICP-MS	0.1	500
Re-MS41	84	Re ppm: ICP + ICP-MS package	ICP-MS	0.001	50.0



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## ANALYTICAL PROCEDURES 2 of 2

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
S-MS41	84	S %: ICP + ICP-MS package	ICP	0.01	10.00
Sb-MS41	84	Sb ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
Sc-MS41	84	Sc ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
Se-MS41	84	Se ppm: ICP + ICP-MS package	ICP-MS	0.2	1000
Sn-MS41	84	Sn ppm: ICP + ICP-MS package	ICP-MS	0.2	500
Sr-MS41	84	Sr ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
Ta-MS41	84	Ta ppm: ICP + ICP-MS package	ICP-MS	0.01	500.0
Te-MS41	84	Te ppm: ICP + ICP-MS package	ICP-MS	0.01	500
Th-MS41	84	Th ppm: ICP + ICP-MS package	ICP-MS	0.2	500
Ti-MS41	84	Ti %: ICP + ICP-MS package	ICP	0.01	10.00
Tl-MS41	84	Tl ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	10000
U-MS41	84	U ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
V-MS41	84	V ppm: ICP + ICP-MS package	ICP	1	10000
W-MS41	84	W ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
Y-MS41	84	Y ppm: ICP + ICP-MS package	ICP-MS	0.05	500.0
Zn-MS41	84	Zn ppm: ICP + ICP-MS package	ICP	2	10000
Zr-MS41	84	Zr ppm: ICP + ICP-MS package	ICP-MS	0.5	500



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Project: CANYON GOLD  
 Comments:

Page Number :2-A  
 Total Pages :3  
 Certificate Date: 16-NOV-2  
 Invoice No. :I0128210  
 P.O. Number :  
 Account :TFI

## CERTIFICATE OF ANALYSIS

A0128210

SAMPLE	PREP CODE	Weight Au ppb		Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm
		Kg	FA+AA																	
056191	32909402	2.06	< 5	0.67	0.48	9.7	< 10	135.4	4.15	0.06	5.42	0.16	43.6	33.5	34	3.95	32.4	6.54	1.55	0.05
056192	32909402	2.24	< 5	0.79	0.36	6.0	< 10	77.8	2.85	0.44	3.21	0.20	90.9	6.5	7	2.25	19.8	2.49	1.60	0.05
056193	32909402	1.60	< 5	0.68	2.78	14.1	< 10	530.7	1.45	0.25	1.83	0.46	48.0	18.5	45	2.05	70.1	3.93	8.10	0.05
056194	32909402	1.82	< 5	0.59	2.39	10.7	< 10	497.6	0.85	0.22	3.04	0.42	35.6	19.4	44	1.20	103.0	3.75	6.40	0.05
056195	32909402	1.56	< 5	0.45	2.49	13.1	< 10	793.6	1.05	0.21	2.38	0.36	45.7	17.5	46	1.50	58.2	3.74	6.75	0.05
056196	32909402	1.44	< 5	0.44	2.74	15.8	< 10	631.7	1.40	0.22	2.06	0.42	51.4	19.1	49	1.65	60.4	4.09	7.65	0.05
056197	32909402	1.74	< 5	0.34	1.92	12.2	< 10	587.5	1.15	0.19	2.28	0.32	39.5	15.5	34	1.50	56.7	3.43	5.40	0.05
056198	32909402	1.74	< 5	0.34	2.57	12.0	< 10	526.3	1.65	0.21	1.91	0.42	45.7	19.7	66	1.70	52.3	4.13	7.15	0.05
056199	32909402	0.84	5	0.39	1.25	9.1	< 10	481.6	1.35	0.25	0.64	0.43	30.2	15.7	23	2.00	62.2	3.49	3.30	< 0.05
056200	32909402	1.80	< 5	0.38	0.72	9.3	< 10	356.6	0.95	0.19	0.30	0.34	30.4	7.1	13	2.05	66.8	3.11	1.90	< 0.05
056201	32909402	1.74	< 5	0.36	0.35	5.2	< 10	207.6	0.45	0.08	0.55	0.12	12.95	4.9	7	0.85	65.9	1.91	0.90	< 0.05
056202	32909402	1.90	< 5	0.39	0.39	8.9	< 10	247.4	0.65	0.13	0.88	0.18	18.55	6.4	9	1.10	76.0	2.73	1.00	< 0.05
056203	32909402	1.82	< 5	0.50	0.37	6.9	< 10	225.8	0.55	0.10	0.51	0.15	13.40	7.6	7	0.80	98.1	1.99	0.95	< 0.05
056204	32909402	1.70	< 5	0.85	0.55	6.8	< 10	314.4	0.90	0.15	0.89	0.22	25.6	11.3	9	1.30	51.3	2.52	1.50	< 0.05
056205	32909402	1.78	< 5	0.88	0.96	5.7	< 10	292.8	0.90	0.13	0.86	0.22	23.6	9.4	14	1.15	52.6	3.14	2.75	< 0.05
056206	32909402	1.68	< 5	0.67	0.49	9.4	< 10	282.0	0.85	0.13	0.44	0.17	19.00	7.9	9	1.25	96.3	2.39	1.30	< 0.05
056207	32909402	1.70	< 5	0.62	1.36	13.2	< 10	445.6	1.75	0.27	0.37	0.52	27.2	16.4	25	2.30	53.4	3.60	3.85	0.05
056208	32909402	1.64	< 5	0.55	1.22	14.7	< 10	457.2	1.30	0.22	0.62	0.34	21.4	11.9	23	1.80	60.1	2.84	3.45	< 0.05
056209	32909402	1.66	< 5	0.41	1.30	6.4	< 10	353.2	1.20	0.20	0.67	0.30	24.5	8.7	19	1.90	28.4	2.56	3.75	< 0.05
056210	32909402	1.68	< 5	0.30	0.58	8.0	< 10	146.6	0.30	0.05	1.68	0.07	9.20	3.6	10	0.45	29.8	1.41	1.50	< 0.05
056211	32909402	1.54	< 5	0.83	1.51	10.2	< 10	466.0	1.20	0.21	0.48	0.30	18.85	9.5	22	1.60	26.6	2.93	4.35	< 0.05
056212	32909402	1.68	< 5	0.59	1.71	6.8	< 10	420.0	1.15	0.19	0.77	0.32	22.6	10.7	23	1.55	25.6	3.55	5.20	0.05
056213	32909402	1.80	< 5	0.55	1.83	6.3	< 10	300.0	1.20	0.21	0.58	0.36	23.0	11.8	27	1.65	31.6	3.60	5.25	< 0.05
056214	32909402	1.76	< 5	0.48	1.62	10.1	< 10	484.6	1.15	0.20	0.30	0.29	26.5	10.0	26	1.35	26.8	3.15	4.70	< 0.05
056215	32909402	1.94	< 5	0.27	1.53	7.3	< 10	396.8	1.20	0.24	0.54	0.41	27.9	12.6	24	1.70	27.2	3.10	4.30	0.05
056216	32909402	1.88	< 5	0.41	1.50	7.8	< 10	340.0	1.40	0.25	1.16	0.39	29.6	16.3	27	1.90	30.2	2.82	4.25	< 0.05
056217	32909402	1.70	< 5	0.40	0.96	7.3	< 10	330.0	1.15	0.19	0.39	0.27	23.5	10.7	17	1.65	34.8	2.44	2.65	< 0.05
056218	32909402	1.92	< 5	0.38	1.44	8.2	< 10	470.0	1.10	0.20	0.30	0.31	27.8	11.9	21	1.45	27.8	2.97	4.15	< 0.05
056219	32909402	2.06	< 5	0.38	1.16	7.1	< 10	394.6	0.85	0.15	0.52	0.21	24.4	7.4	18	1.00	25.8	2.46	3.45	< 0.05
056220	32909402	1.74	< 5	0.29	0.48	10.4	< 10	254.0	0.35	0.08	0.61	0.08	12.95	3.5	9	0.40	13.4	1.07	1.25	< 0.05
056221	32909402	1.94	< 5	0.39	1.34	5.9	< 10	310.0	1.50	0.23	0.51	0.39	26.8	13.4	22	1.55	42.0	3.11	4.00	< 0.05
056222	32909402	1.96	< 5	0.35	1.47	9.2	< 10	412.2	1.10	0.17	0.53	0.32	22.9	14.7	25	1.20	33.2	3.23	4.65	< 0.05
056223	32909402	1.44	< 5	0.25	0.64	8.1	< 10	256.4	0.50	0.08	0.44	0.10	8.86	3.9	12	0.65	24.0	1.51	1.85	< 0.05
056224	32909402	1.94	< 5	0.23	1.20	6.0	< 10	293.2	0.85	0.16	0.38	0.55	18.10	5.4	19	1.30	22.4	2.63	3.35	< 0.05
056225	32909402	1.98	10	0.34	1.63	3.5	< 10	370.0	1.65	0.26	0.25	0.44	32.8	13.5	24	1.70	38.4	3.08	4.75	< 0.05
056226	32909402	1.86	< 5	0.71	1.54	6.0	< 10	357.2	1.55	0.20	0.57	0.36	30.1	13.4	23	1.20	41.0	3.46	4.50	< 0.05
056227	32909402	1.82	< 5	0.53	1.51	9.1	< 10	290.6	1.20	0.20	0.61	0.25	23.8	13.0	21	1.40	30.2	3.47	4.45	0.05
056228	32909402	1.82	< 5	0.49	1.37	7.7	< 10	367.4	1.45	0.23	0.41	0.44	32.9	16.1	22	1.40	39.2	2.80	3.95	< 0.05
056229	32909402	1.68	< 5	0.55	1.72	8.5	< 10	449.2	1.55	0.24	0.44	0.36	28.6	11.9	23	1.55	33.0	3.41	4.95	0.05
056230	32909402	2.06	< 5	0.46	1.01	9.1	< 10	290.4	1.20	0.19	0.71	0.32	28.1	7.5	25	1.35	38.0	3.41	3.05	< 0.05

CERTIFICATION:



# ALS Chemex

Aurora Laboratory Services Ltd.  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: CARLOS, ALLEN \*\*  
 275 ALSEK RD.  
 WHITEHORSE, YT  
 Y1A 4T1

Page Number :3-A  
 Total Pages :3  
 Certificate Date: 16-NOV-200  
 Invoice No. : I0128210  
 P.O. Number :  
 Account : TFI

Project : CANYON GOLD  
 Comments:

## CERTIFICATE OF ANALYSIS A0128210

SAMPLE	PREP CODE	Weight	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge
		Kg	ppb FA+AA	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
056231	32909402	2.04	< 5	0.62	0.30	25.5	< 10	162.6	0.45	0.08	0.72	0.14	15.70	4.8	9	0.65	61.8	1.17	0.80	< 0.05
056232	32909402	2.58	10	0.86	0.31	9.0	< 10	166.0	0.55	0.08	0.58	0.12	18.30	4.7	9	0.60	46.6	2.51	0.90	< 0.05
056233	32909402	1.34	15	0.41	0.25	27.7	< 10	34.4	1.35	0.12	0.74	0.15	147.5	0.7	3	2.65	3.6	1.65	1.40	0.10
056234	32909402	1.64	< 5	0.52	0.34	1.8	< 10	49.6	2.00	0.04	0.35	0.23	143.0	0.7	3	2.75	3.4	1.82	1.60	0.05



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To: CARLOS, ALLEN \*\*

275 ALSEK RD.  
 WHITEHORSE, YT  
 Y1A 4T1

Page Number :1-B  
 Total Pages :3  
 Certificate Date: 16-NOV  
 Invoice No. : I012821  
 P.O. Number :  
 Account : TFI

Project : CANYON GOLD  
 Comments :

## CERTIFICATE OF ANALYSIS

### A0128210

SAMPLE	PREP CODE	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm
056151	82909402	0.10	0.15	0.055	0.50	15.0	6.7	1.24	865	2.80	0.08	0.10	53.3	1660	11.6	18.0<	0.001	0.02	0.40	10.8
056152	82909402	0.06	0.11	0.055	0.52	27.4	11.8	2.13	985	1.55	0.41	0.15	55.1	2120	7.4	23.8<	0.001	0.01	0.25	16.2
056153	82909402	0.10	0.06	0.060	0.17	31.0	19.1	2.65	1255	2.10	0.77	0.25	62.9	2690	2.8	9.7<	0.001	0.01	0.25	17.7
056154	82909402	0.10	0.16	0.060	0.25	12.4	14.1	2.03	910	6.90	0.23	0.05	46.4	1310	12.2	14.6<	0.001	0.10	0.35	12.0
056155	82909402	0.14	0.09	0.075	0.23	37.8	5.9	0.56	570	2.05	0.20	< 0.05	9.2	460	22.2	11.9<	0.001	0.01	0.30	6.0
056156	82909402	0.14	0.05	0.075	0.27	35.0	7.1	1.13	795	1.45	0.24	0.05	14.2	1310	21.2	15.2<	0.001	0.01	0.35	9.9
056157	82909402	0.16	0.03	0.100	0.31	42.2	2.7	0.31	545	3.95	0.19	0.05	5.6	320	24.0	14.1<	0.001	0.01	0.20	4.2
056158	82909402	0.18	0.04	0.100	0.30	42.6	2.3	0.32	585	3.75	0.19	0.05	5.4	300	26.2	13.6<	0.001	0.01	0.15	4.2
056159	82909402	0.18	0.01	0.095	0.28	38.6	2.9	0.32	585	3.50	0.18	0.05	5.4	330	22.6	13.2<	0.001	0.01	0.10	4.2
056160	82909402	0.16	0.02	0.075	0.34	32.6	7.3	1.66	930	0.55	0.22	0.05	21.2	1820	14.2	19.1<	0.001	0.02	0.05	11.2
056161	82909402	0.22	0.03	0.080	0.42	36.6	4.0	0.60	625	3.20	0.15	0.05	10.4	830	34.4	25.7<	0.001	0.05	0.20	4.8
056162	82909402	0.40	0.07	0.075	0.33	56.0	3.3	0.31	425	3.95	0.14	0.25	6.4	340	39.0	21.6<	0.001	0.03	0.10	2.7
056163	82909402	0.32	0.04	0.095	0.30	50.2	3.9	0.56	865	3.55	0.16	0.20	16.2	1170	26.8	19.2<	0.001	0.07	0.20	5.7
056164	82909402	0.28	0.08	0.080	0.33	45.6	3.7	0.39	775	3.10	0.15	0.20	14.0	1140	32.2	20.9<	0.001	0.24	0.35	4.0
056165	82909402	0.38	0.04	0.080	0.30	68.2	2.6	0.20	390	5.00	0.11	0.20	3.8	80	41.2	18.8<	0.001	0.06	0.15	1.8
056166	82909402	0.64	0.03	0.085	0.33	80.6	2.6	0.21	415	4.55	0.11	0.25	4.0	220	42.0	22.4<	0.001	0.10	0.30	1.9
056167	82909402	0.32	0.04	0.065	0.28	56.8	2.7	0.29	540	3.70	0.12	0.20	8.4	470	30.4	17.6<	0.001	0.06	0.15	2.7
056168	82909402	0.30	0.03	0.075	0.32	61.4	3.1	0.30	565	2.85	0.12	0.20	9.6	540	35.6	23.2<	0.001	0.08	0.20	3.0
056169	82909402	0.30	0.03	0.070	0.35	76.6	3.3	0.15	385	2.70	0.13	0.20	2.0	60	45.6	26.6<	0.001	0.04	0.05	1.6
056170	82909402	0.18	0.06	0.070	0.28	35.8	8.7	1.14	800	1.50	0.24	0.10	16.8	1390	21.6	17.7<	0.001	0.01	0.35	7.6
056171	82909402	0.18	0.04	0.060	0.28	24.4	10.1	1.45	910	2.60	0.20	0.10	28.2	1250	22.6	19.8<	0.001	0.11	0.40	7.2
056172	82909402	0.16	0.02	0.035	0.37	10.4	3.4	0.37	410	7.00	0.09	0.05	22.4	470	23.6	31.0<	0.002	< 0.01	0.10	2.6
056173	82909402	0.56	0.03	0.080	0.26	56.4	2.8	0.23	695	3.90	0.11	0.45	9.8	480	32.8	20.3<	0.001	< 0.01	0.15	3.1
056174	82909402	0.44	0.03	0.085	0.23	57.6	2.1	0.19	430	4.00	0.10	0.30	6.6	330	40.0	16.7<	0.001	0.01	0.20	2.3
056175	82909402	0.40	0.02	0.070	0.22	56.2	2.3	0.24	530	3.60	0.11	0.20	8.4	580	36.4	15.4<	0.001	0.03	0.10	2.5
056176	82909402	0.34	0.03	0.080	0.25	52.4	3.4	0.40	830	2.85	0.14	0.25	15.8	1120	34.4	17.7<	0.001	0.08	0.20	4.1
056177	82909402	1.92	0.16	0.055	0.74	43.8	4.8	0.14	265	4.95	0.11	4.05	2.8	100	49.8	73.5<	0.001	0.04	0.25	1.8
056178	82909402	0.44	0.06	0.100	0.28	64.4	2.9	0.17	430	4.00	0.10	0.60	5.6	200	41.6	22.2<	0.001	0.06	0.15	1.9
056179	82909402	0.24	0.06	0.065	0.28	44.6	5.5	0.95	1110	2.05	0.15	0.35	29.0	1600	24.2	21.2<	0.001	0.06	0.30	9.0
056180	82909402	0.32	0.06	0.065	0.24	58.6	3.1	0.32	535	3.20	0.12	0.25	8.6	520	32.0	17.0<	0.001	0.04	0.20	3.0
056181	82909402	0.26	0.07	0.070	0.24	49.8	4.5	0.57	755	2.65	0.16	0.20	20.6	1190	28.6	17.6<	0.001	0.06	0.25	4.7
056182	82909402	0.22	0.07	0.065	0.25	49.0	5.8	0.82	945	2.85	0.16	0.15	19.4	1110	23.8	16.5<	0.001	0.05	0.30	6.9
056183	82909402	0.58	0.12	0.060	0.24	51.6	6.3	0.76	895	2.45	0.17	0.30	26.0	1410	19.6	17.1<	0.001	0.03	0.15	5.9
056184	82909402	0.38	0.08	0.055	0.28	54.4	7.1	0.59	880	1.70	0.19	0.20	17.8	750	35.0	20.0<	0.001	0.03	0.15	4.5
056185	82909402	0.20	0.07	0.050	0.27	22.2	8.2	1.20	1520	2.05	0.17	0.15	49.6	2260	4.8	18.0<	0.001	0.05	0.25	11.9
056186	82909402	0.20	0.08	0.050	0.23	22.4	8.4	1.38	1705	1.05	0.15	0.15	51.6	2110	5.2	15.2<	0.001	0.15	0.40	12.2
056187	82909402	0.16	0.09	0.055	0.32	24.8	25.1	1.84	1605	0.45	0.22	0.10	47.0	1950	3.4	25.7<	0.001	0.03	0.25	15.7
056188	82909402	0.14	0.14	0.050	0.27	23.8	9.6	1.13	1465	1.85	0.16	0.05	53.3	2240	4.4	17.9<	0.001	0.08	0.30	12.8
056189	82909402	0.16	0.09	0.050	0.24	20.0	8.4	1.21	2330	1.50	0.16	0.10	48.8	2160	16.8	15.2<	0.001	0.12	0.40	12.9
056190	82909402	0.12	0.05	0.060	0.27	21.0	10.5	1.16	1665	1.10	0.18	0.05	45.0	2280	13.4	18.6<	0.001	0.08	0.30	12.3



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To: CARLOS, ALLEN \*\*

275 ALSEK RD.  
 WHITEHORSE, YT  
 Y1A 4T1

Project : CANYON GOLD  
 Comments:

Page Number :2-B  
 Total Pages :3  
 Certificate Date: 16-NOV-200  
 Invoice No. : I0128210  
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## CERTIFICATE OF ANALYSIS A0128210

SAMPLE	PREP CODE	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm
056191	82909402	0.14	0.04	0.045	0.25	19.8	8.1	1.16	1770	1.00	0.16	0.05	43.2	1890	6.4	17.0	< 0.001	0.11	0.35	11.4
056192	82909402	0.30	0.11	0.050	0.23	49.0	3.8	0.32	545	5.30	0.13	0.15	8.8	450	37.8	15.5	< 0.001	0.04	0.20	3.3
056193	82909402	0.16	0.14	0.045	0.51	26.4	30.0	1.04	760	1.50	0.39	0.05	55.6	940	24.0	22.6	< 0.001	0.12	0.40	7.0
056194	82909402	0.12	0.37	0.030	0.34	17.0	19.3	1.37	805	1.10	0.27	0.05	37.4	540	52.4	14.6	< 0.001	0.33	0.35	9.1
056195	82909402	0.12	0.15	0.035	0.40	21.4	25.5	1.14	750	1.35	0.34	0.05	47.4	850	25.0	17.5	< 0.001	0.18	0.40	7.2
056196	82909402	0.12	0.19	0.040	0.45	24.0	29.5	1.26	780	1.65	0.38	0.05	52.2	980	24.8	19.8	< 0.001	0.19	0.45	7.9
056197	82909402	0.12	0.27	0.030	0.28	18.4	20.6	1.05	715	1.25	0.30	< 0.05	37.2	670	26.8	13.0	< 0.001	0.21	0.45	6.8
056198	82909402	0.10	0.10	0.050	0.40	21.0	27.7	1.23	745	2.00	0.36	< 0.05	57.4	940	22.2	17.1	< 0.001	0.11	0.35	8.1
056199	82909402	0.10	0.05	0.050	0.37	13.8	8.1	0.58	590	2.00	0.27	< 0.05	48.4	750	26.8	15.5	< 0.001	0.04	0.25	5.7
056200	82909402	0.08	0.01	0.040	0.24	14.2	4.4	0.47	260	0.55	0.22	< 0.05	34.0	140	26.6	10.1	< 0.001	0.01	0.05	4.1
056201	82909402	0.10	0.01	0.015	0.15	5.8	1.7	0.27	275	0.60	0.15	< 0.05	14.6	420	15.4	6.0	< 0.001	< 0.01	0.15	2.3
056202	82909402	0.10	0.01	0.025	0.16	8.4	2.0	0.41	415	0.75	0.17	< 0.05	23.0	220	21.2	6.8	< 0.001	0.02	0.25	3.1
056203	82909402	0.08	0.02	0.020	0.15	6.2	2.0	0.25	305	1.10	0.17	< 0.05	19.6	250	15.6	5.8	< 0.001	0.01	0.35	2.4
056204	82909402	0.16	0.08	0.035	0.19	9.6	3.5	0.37	465	2.00	0.20	0.20	31.6	320	21.8	8.9	< 0.001	0.02	0.30	3.5
056205	82909402	0.20	0.06	0.025	0.17	10.4	9.9	0.45	400	1.00	0.16	0.15	30.4	1390	21.6	8.4	< 0.001	0.01	0.30	3.3
056206	82909402	0.10	0.04	0.025	0.18	8.6	3.1	0.30	540	0.80	0.19	0.10	22.0	360	16.6	8.6	< 0.001	0.03	0.25	2.7
056207	82909402	0.10	0.05	0.050	0.24	12.2	15.3	0.55	605	1.85	0.25	0.05	54.5	520	30.0	12.4	< 0.001	0.04	0.35	3.9
056208	82909402	0.10	0.04	0.035	0.21	9.6	13.4	0.44	495	1.40	0.21	0.05	42.8	320	26.4	10.5	< 0.001	0.04	0.35	3.0
056209	82909402	0.08	0.03	0.030	0.21	11.0	13.5	0.39	320	1.05	0.20	0.05	32.4	210	21.4	10.7	< 0.001	0.02	0.25	2.6
056210	82909402	0.06	< 0.01	< 0.005	0.12	4.2	5.2	0.18	570	0.50	0.10	0.05	13.6	260	8.8	5.4	< 0.001	0.01	0.30	1.4
056211	82909402	0.06	0.04	0.040	0.21	8.4	17.0	0.42	275	0.80	0.19	< 0.05	38.4	290	26.4	10.3	< 0.001	0.02	0.25	2.9
056212	82909402	0.06	0.04	0.035	0.18	10.2	19.8	0.49	490	1.15	0.17	< 0.05	38.6	850	24.4	9.3	< 0.001	0.01	0.20	2.9
056213	82909402	0.06	0.03	0.040	0.28	10.4	18.6	0.49	425	1.15	0.18	< 0.05	42.0	260	27.8	13.1	< 0.001	0.01	0.20	3.3
056214	82909402	0.06	0.03	0.040	0.22	11.8	17.2	0.50	260	0.80	0.19	< 0.05	36.6	360	25.8	10.6	< 0.001	0.02	0.20	2.8
056215	82909402	0.08	0.04	0.050	0.24	11.8	17.1	0.48	430	2.00	0.19	0.05	40.8	490	29.4	9.4	< 0.001	0.03	0.45	4.7
056216	82909402	0.06	0.03	0.045	0.24	13.2	14.9	0.48	665	2.15	0.23	< 0.05	50.3	470	26.8	11.8	< 0.001	0.03	0.35	3.1
056217	82909402	0.06	0.04	0.035	0.22	10.6	8.2	0.38	330	1.15	0.20	< 0.05	30.2	210	21.4	10.9	< 0.001	0.03	0.30	2.8
056218	82909402	0.04	0.02	0.040	0.24	12.2	13.9	0.48	315	2.25	0.17	< 0.05	39.2	160	23.8	11.3	< 0.001	0.03	0.30	3.0
056219	82909402	0.04	0.03	0.025	0.21	11.0	11.0	0.38	320	0.90	0.14	< 0.05	26.6	270	20.0	8.9	< 0.001	0.01	0.20	2.5
056220	82909402	0.02	0.01	0.005	0.17	6.2	2.7	0.17	305	0.45	0.09	< 0.05	11.8	350	10.2	7.3	< 0.001	0.03	0.40	1.3
056221	82909402	0.06	0.03	0.045	0.26	11.6	12.5	0.48	550	1.90	0.20	< 0.05	41.8	490	25.0	11.8	< 0.001	0.03	0.30	3.2
056222	82909402	0.06	0.01	0.035	0.21	10.0	14.4	0.49	475	1.05	0.16	< 0.05	43.8	760	24.2	10.4	< 0.001	0.01	0.20	3.3
056223	82909402	0.04	0.02	0.005	0.17	4.0	4.6	0.23	235	0.30	0.11	< 0.05	15.2	400	12.8	7.6	< 0.001	0.01	0.15	1.5
056224	82909402	0.08	0.04	0.035	0.23	7.8	11.6	0.41	295	0.50	0.14	< 0.05	23.6	320	19.8	8.7	< 0.001	0.01	0.20	3.8
056225	82909402	0.06	0.08	0.050	0.28	14.8	15.2	0.49	280	0.90	0.21	< 0.05	46.2	140	32.0	13.3	< 0.001	0.01	0.20	3.1
056226	82909402	0.18	0.09	0.040	0.22	14.8	15.5	0.50	525	0.95	0.17	0.25	44.4	1330	29.2	9.5	< 0.001	0.02	0.25	7.7
056227	82909402	0.12	0.06	0.030	0.20	11.6	16.0	0.47	650	1.25	0.16	0.15	39.6	940	23.2	9.3	< 0.001	0.02	0.25	6.3
056228	82909402	0.10	0.05	0.045	0.24	15.6	13.1	0.46	405	1.85	0.19	0.10	47.8	500	24.4	9.9	< 0.001	0.01	0.25	6.5
056229	82909402	0.10	0.07	0.045	0.37	13.8	14.5	0.50	415	1.45	0.22	0.10	40.4	320	31.4	14.8	< 0.001	0.01	0.20	7.4
056230	82909402	0.12	0.06	0.040	0.14	13.4	12.0	0.44	640	2.85	0.17	0.10	32.2	610	24.8	6.8	< 0.001	0.01	0.20	6.1



# ALS Chemex

Aurora Laboratory Services Ltd.  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: CARLOS, ALLEN \*\*

275 ALSEK RD.  
 WHITEHORSE, YT  
 Y1A 4T1

Project: CANYON GOLD  
 Comments:

Page Number :3-B  
 Total Pages :3  
 Certificate Date: 16-NOV-2001  
 Invoice No. : I0128210  
 P.O. Number :  
 Account : TFI

<b>CERTIFICATE OF ANALYSIS</b>	<b>A0128210</b>
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SAMPLE	PREP CODE	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm
056231	82909402	0.10	0.05	0.010	0.11	7.8	1.9	0.20	210	1.25	0.11	0.05	18.0	1120	12.8	5.2<	0.001	0.05	1.05	3.6
056232	82909402	0.08	0.03	0.015	0.12	8.8	2.3	0.35	475	0.75	0.11	0.05	17.4	750	12.0	5.5<	0.001	0.01	0.35	4.5
056233	82909402	0.28	0.03	0.050	0.28	67.8	0.8	0.03	440	3.65	0.03	0.20	1.0	100	47.6	18.9<	0.001	0.21	0.70	1.3
056234	82909402	0.28	0.01	0.055	0.31	75.4	1.1	0.03	450	1.85	0.04	0.20	1.2	40	42.8	20.4<	0.001	0.05	0.25	2.4

CERTIFICATION:



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Aurora Laboratory Services Ltd.  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: CARLOS, ALLEN \*\*

275 ALSEK RD.  
 WHITEHORSE, YT  
 Y1A 4T1

Project : CANYON GOLD  
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Page Number :1-C  
 Total Pages :3  
 Certificate Date: 16-NOV-200  
 Invoice No. : I0128210  
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 Account : TFI

## CERTIFICATE OF ANALYSIS A0128210

SAMPLE	PREP CODE	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
056151	82909402	0.2	0.6	145.6	< 0.01	< 0.01	4.2	< 0.01	0.08	1.35	65	0.10	16.90	76	2.0
056152	82909402	< 0.2	1.4	147.6	0.01	0.01	4.6	0.05	0.10	0.75	116	0.05	17.20	74	1.5
056153	82909402	0.2	1.2	448.0	0.01	< 0.01	5.0	0.11	0.02	0.55	136	< 0.05	18.20	74	2.5
056154	82909402	0.2	1.0	120.7	< 0.01	< 0.01	3.6	< 0.01	0.08	0.90	64	< 0.05	17.35	68	3.0
056155	82909402	0.2	1.8	99.1	0.01	< 0.01	3.8	< 0.01	0.02	0.90	21	0.05	24.45	74	2.5
056156	82909402	0.2	3.2	173.0	0.02	< 0.01	5.0	< 0.01	0.06	1.50	36	0.15	32.20	80	3.5
056157	82909402	0.2	1.0	55.5	< 0.01	< 0.01	3.8	< 0.01	0.06	0.75	14	< 0.05	19.20	86	3.0
056158	82909402	0.2	1.0	54.8	< 0.01	< 0.01	4.2	< 0.01	0.06	0.75	16	< 0.05	21.60	94	3.0
056159	82909402	0.2	1.0	48.0	< 0.01	< 0.01	5.2	< 0.01	0.06	0.70	14	< 0.05	19.40	88	3.5
056160	82909402	0.2	7.2	174.7	0.01	< 0.01	6.6	< 0.01	0.06	0.50	61	0.15	28.00	82	3.5
056161	82909402	0.2	4.4	108.1	0.01	< 0.01	5.6	< 0.01	0.14	0.75	29	0.15	28.35	96	5.5
056162	82909402	0.4	2.2	76.4	0.01	0.03	4.6	< 0.01	0.14	0.90	10	0.20	33.00	94	5.0
056163	82909402	0.6	1.6	95.9	0.01	0.03	5.2	< 0.01	0.10	0.70	35	0.20	37.20	132	5.5
056164	82909402	0.4	2.0	96.0	0.01	0.03	4.8	< 0.01	0.14	1.00	25	0.25	35.95	104	5.0
056165	82909402	0.4	1.8	65.5	0.01	0.01	4.2	< 0.01	0.14	1.10	5	0.15	34.85	100	6.5
056166	82909402	0.6	1.6	97.0	0.01	0.03	7.2	< 0.01	0.14	1.25	6	0.15	39.70	106	13.0
056167	82909402	0.4	1.2	78.3	0.01	0.01	4.8	< 0.01	0.10	0.95	12	0.15	34.50	80	6.5
056168	82909402	0.4	1.8	91.4	0.01	0.02	5.4	< 0.01	0.12	0.80	13	0.15	34.85	100	7.0
056169	82909402	0.6	3.4	84.8	0.01	0.02	4.8	< 0.01	0.14	0.95	3	0.10	37.55	96	6.0
056170	82909402	0.4	2.8	181.0	0.01	0.02	5.2	< 0.01	0.06	1.50	36	0.15	36.90	84	4.0
056171	82909402	0.4	4.8	169.8	0.03	0.02	8.0	< 0.01	0.08	0.85	39	0.75	30.20	86	5.0
056172	82909402	< 0.2	2.2	45.0	< 0.01	0.01	3.4	< 0.01	0.08	0.60	27	0.15	9.35	86	4.5
056173	82909402	0.4	1.6	81.4	0.01	0.02	9.6	< 0.01	0.08	1.20	13	0.20	36.90	94	15.0
056174	82909402	0.6	1.6	63.3	0.01	0.03	8.4	< 0.01	0.08	2.65	10	0.15	43.65	68	10.5
056175	82909402	0.4	1.0	70.0	0.01	0.02	7.6	< 0.01	0.08	0.95	12	0.15	37.20	104	10.5
056176	82909402	0.4	1.0	109.7	0.01	0.01	9.0	< 0.01	0.08	0.90	22	0.25	39.55	118	9.5
056177	82909402	0.6	4.2	48.6	0.03	0.03	29.8	< 0.01	0.34	5.60	4	0.60	54.65	66	35.0
056178	82909402	0.6	1.4	73.2	0.01	0.02	8.4	< 0.01	0.12	2.20	7	0.20	47.40	94	11.0
056179	82909402	0.6	2.0	154.5	0.03	0.02	10.8	< 0.01	0.12	0.65	48	0.30	41.90	116	7.5
056180	82909402	0.4	2.0	74.1	0.01	0.01	7.6	< 0.01	0.10	0.95	13	0.20	35.15	104	9.0
056181	82909402	0.6	1.8	105.7	0.01	0.03	8.6	< 0.01	0.10	0.80	28	0.25	38.55	96	8.0
056182	82909402	0.2	2.2	141.7	0.03	0.03	5.8	< 0.01	0.08	0.70	32	0.35	33.60	94	4.5
056183	82909402	0.2	1.4	143.6	0.02	< 0.01	8.4	< 0.01	0.10	0.70	33	0.25	37.40	100	7.0
056184	82909402	0.2	6.8	174.6	0.01	0.01	7.6	< 0.01	0.10	0.70	23	0.30	36.40	92	6.5
056185	82909402	0.2	1.4	162.1	0.01	< 0.01	8.0	< 0.01	0.10	0.10	86	0.20	35.60	106	2.5
056186	82909402	0.2	0.6	162.6	0.01	< 0.01	8.6	< 0.01	0.12	0.10	96	0.15	36.20	100	2.5
056187	82909402	0.2	0.2	202.1	0.01	0.01	6.0	< 0.01	0.14	0.15	74	0.05	38.10	88	2.5
056188	82909402	0.2	0.6	151.0	0.01	< 0.01	6.2	< 0.01	0.12	0.10	97	0.15	41.00	118	2.0
056189	82909402	0.2	1.6	217.4	0.01	< 0.01	7.8	< 0.01	0.12	0.10	100	0.20	44.80	124	2.0
056190	82909402	0.2	3.0	179.4	0.01	< 0.01	5.2	< 0.01	0.10	0.10	96	0.40	37.15	132	1.5



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To: CARLOS, ALLEN

275 ALSEK RD.  
 WHITEHORSE, YT  
 Y1A 4T1

Project : CANYON GOLD  
 Comments:

Page Number :2-C  
 Total Pages :3  
 Certificate Date: 16-NOV-20  
 Invoice No. : I0128210  
 P.O. Number :  
 Account : TFI

## CERTIFICATE OF ANALYSIS A0128210

SAMPLE	PREP CODE	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
056191	32909402	0.2	2.6	153.9	0.01	< 0.01	5.4	< 0.01	0.10	0.10	79	0.35	38.30	140	1.5
056192	32909402	0.2	3.2	198.6	0.01	0.01	5.4	< 0.01	0.10	1.10	14	0.20	30.20	82	4.5
056193	32909402	0.6	7.6	188.4	< 0.01	0.01	5.2	< 0.01	0.04	1.35	54	0.05	19.05	106	2.0
056194	32909402	0.6	10.6	222.4	< 0.01	0.02	4.6	< 0.01	0.06	1.25	56	0.05	14.35	90	1.5
056195	32909402	0.4	5.8	223.6	< 0.01	0.01	4.8	< 0.01	0.02	1.20	50	0.05	15.85	84	1.5
056196	32909402	0.4	5.4	198.8	< 0.01	0.01	5.6	< 0.01	0.02	1.25	54	0.05	17.70	94	1.5
056197	32909402	0.4	5.2	194.0	< 0.01	0.02	5.4	< 0.01	0.02	1.55	37	0.05	14.60	72	1.5
056198	32909402	0.4	4.0	185.0	< 0.01	0.02	5.2	< 0.01	0.02	1.00	53	0.05	16.95	96	1.5
056199	32909402	0.6	6.0	90.8	< 0.01	0.03	3.6	< 0.01	0.04	0.85	25	0.20	12.35	102	1.5
056200	32909402	0.2	7.8	68.1	< 0.01	0.01	2.6	< 0.01	0.06	0.75	15	0.15	6.60	92	1.0
056201	32909402	0.2	9.6	71.6	< 0.01	< 0.01	1.8	< 0.01	0.06	0.35	8	0.20	7.10	48	1.5
056202	32909402	0.2	10.8	89.1	0.01	0.01	2.2	< 0.01	0.08	0.45	11	0.20	7.00	60	1.5
056203	32909402	0.2	14.6	71.2	< 0.01	0.01	1.8	< 0.01	0.04	0.35	8	0.30	5.65	48	1.0
056204	32909402	0.2	6.0	108.2	0.01	0.04	1.8	< 0.01	0.06	0.55	11	0.30	9.05	70	1.0
056205	32909402	0.2	6.4	87.1	0.01	0.03	2.6	< 0.01	0.06	0.50	16	0.30	13.85	64	2.0
056206	32909402	0.2	13.4	72.5	< 0.01	0.02	1.8	< 0.01	0.08	0.45	10	0.25	7.25	58	1.5
056207	32909402	0.8	3.6	84.0	< 0.01	0.07	2.8	< 0.01	0.06	0.80	22	0.25	11.00	118	1.5
056208	32909402	0.6	6.0	83.5	< 0.01	0.06	2.0	< 0.01	0.06	0.65	18	0.25	8.05	88	1.0
056209	32909402	0.4	2.2	88.3	< 0.01	0.04	1.8	< 0.01	0.06	0.65	17	0.20	6.65	78	1.5
056210	32909402	< 0.2	4.0	96.2	< 0.01	0.02	1.2	< 0.01	0.06	0.25	7	0.15	5.15	22	0.5
056211	32909402	0.4	1.8	75.9	0.01	0.03	1.0	< 0.01	0.08	0.65	19	0.30	6.75	88	1.0
056212	32909402	0.4	2.0	81.2	< 0.01	0.03	1.2	< 0.01	0.06	0.65	22	0.25	10.20	84	1.5
056213	32909402	0.4	2.8	83.4	< 0.01	0.02	1.4	< 0.01	0.06	0.75	24	0.20	7.60	94	1.5
056214	32909402	0.6	1.8	60.0	< 0.01	0.03	1.2	< 0.01	0.06	0.75	22	0.20	7.05	86	1.5
056215	32909402	0.6	1.8	69.3	0.01	0.05	2.4	< 0.01	0.06	0.75	18	0.25	8.10	102	1.0
056216	32909402	0.6	1.4	99.2	< 0.01	0.05	1.4	< 0.01	0.08	0.90	21	0.25	11.10	98	1.5
056217	32909402	0.2	3.0	70.4	< 0.01	0.04	1.2	< 0.01	0.08	0.70	15	0.20	6.15	80	1.5
056218	32909402	0.2	2.0	60.6	< 0.01	0.02	1.2	< 0.01	0.08	0.65	20	0.20	6.15	84	1.5
056219	32909402	0.2	2.2	59.6	< 0.01	0.03	1.2	< 0.01	0.04	0.60	17	0.15	6.90	70	1.5
056220	32909402	< 0.2	1.4	47.8	< 0.01	0.01	1.0	< 0.01	0.10	0.40	7	0.15	5.30	30	1.5
056221	32909402	0.4	3.2	84.6	< 0.01	0.04	1.4	< 0.01	0.06	0.75	21	0.20	9.30	102	1.5
056222	32909402	0.6	2.6	77.1	< 0.01	0.03	1.4	< 0.01	0.06	0.60	23	0.20	9.10	96	2.0
056223	32909402	< 0.2	2.8	54.3	< 0.01	0.01	0.6	< 0.01	0.08	0.30	9	0.20	5.45	32	1.5
056224	32909402	0.2	2.0	49.4	< 0.01	0.02	1.8	< 0.01	0.04	0.50	14	0.25	5.60	70	1.0
056225	32909402	0.4	3.2	65.5	< 0.01	0.05	1.2	< 0.01	0.08	0.90	21	0.15	7.10	104	1.5
056226	32909402	0.6	3.8	75.7	0.01	0.05	3.6	< 0.01	0.06	0.65	21	0.35	14.85	92	1.5
056227	32909402	0.6	2.2	67.8	0.01	0.04	3.6	< 0.01	0.06	0.60	19	0.30	10.40	72	1.5
056228	32909402	0.6	3.0	69.3	< 0.01	0.03	3.4	< 0.01	0.04	0.75	19	0.25	9.05	106	1.5
056229	32909402	0.6	2.4	80.4	0.01	0.04	3.4	< 0.01	0.06	0.70	22	0.25	8.15	98	1.5
056230	32909402	0.6	3.2	81.2	< 0.01	0.04	3.2	< 0.01	0.04	0.60	15	0.70	10.75	78	1.5



# ALS Chemex

Aurora Laboratory Services Ltd.  
Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: CARLOS, ALLEN \*\*

275 ALSEK RD.  
WHITEHORSE, YT  
Y1A 4T1

Project :  
Comments: CANYON GOLD

Page Number :3-C  
Total Pages :3  
Certificate Date: 16-NOV-20  
Invoice No. :10128210  
P.O. Number :  
Account :TFI

## CERTIFICATE OF ANALYSIS

## A0128210

SAMPLE	PREP CODE	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
056231	82909402	0.2	7.0	72.8	< 0.01	0.03	2.2	< 0.01	0.08	0.30	6	0.40	10.55	44	1.5
056232	82909402	0.2	5.6	63.5	< 0.01	0.03	2.8	< 0.01	0.04	0.30	11	0.25	10.60	42	1.5
056233	82909402	0.2	0.4	20.6	0.01	0.01	6.6	< 0.01	0.30	1.15	< 1	0.10	30.45	70	5.0
056234	82909402	0.2	0.6	22.4	0.01	< 0.01	8.8	< 0.01	0.12	0.95	2	0.10	32.60	90	8.5

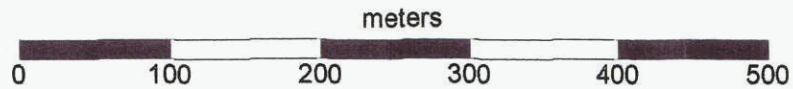
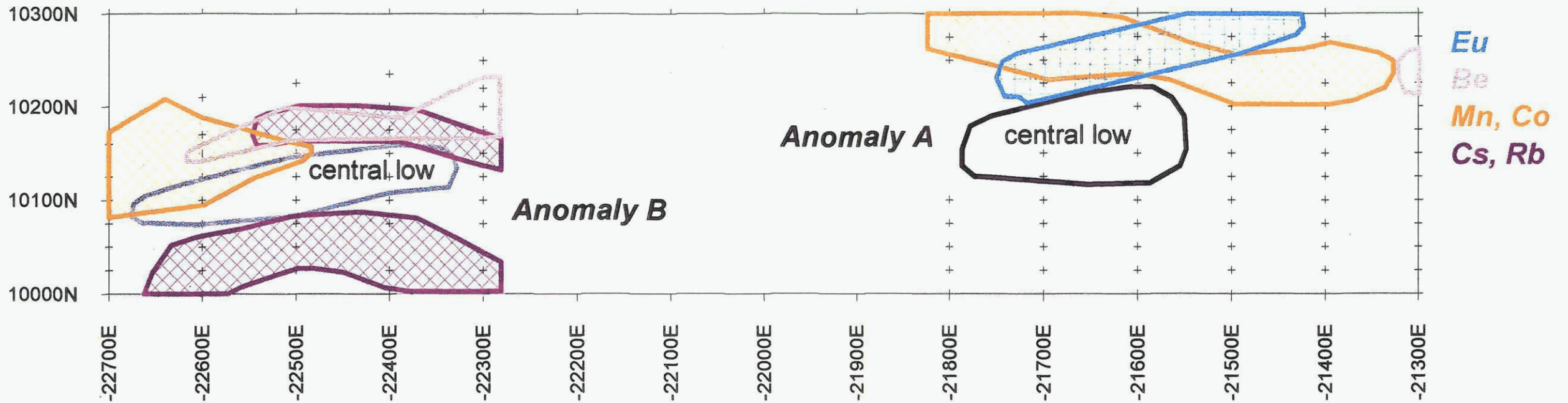
**APPENDIX 5**

**ENZYME LEACH**

**AND**

**CONSULTANTS RECOMMENDATION**

**Km. 410 Prospect - Canyon Gold Property**  
**Enzyme Leach<sup>SM</sup> data**  
**Summary Map**  
Drawn by: G.T. Hill      Date: March 19, 2001

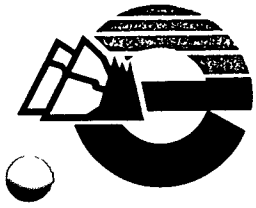


**APPENDIX 6**

**CLAY MINERALOGY**

**IN**

**1992 PITS**



canada/yukon economic  
development agreement

Craig J.R. Hart  
Project Geologist  
Canada/Yukon Geoscience Office  
Yukon Territorial Government  
Box 2703 (F-3)  
Whitehorse, Yukon Y1A 2C6

February 17, 1995

Mr. Allen Carlos  
275 Alsek Road  
Whitehorse, Yukon

Dear Al:

We've just recieved the X-ray Defraction results from the sample you submitted to us during last spring. The sample contained a mixture of quartz, albite, muscovite/sericite and kaolinite. Your main interest was in the clay mineralogy and I include the following information on kaolinte.

Chemical formula --  $Al_4[Si_4O_{10}](OH)_8$

Kaolinite is among the most common of clay minerals and is formed by hydrothermal alteration or weathering of feldspar. When formed by hydrothermal alteration, are often accompanied by quartz, iron oxides, pyrite and muscovite. Kaolinite requires acidic conditions, low temperatures (120°-250°C) and felsic rocks in order to form. If potassium is available and tempertures are approximately 400°C, muscovite will form. The muscovite in this sample may have resulted from this alteration or may have been part of the original rock.

Kaolinite is part of the "acid" or "advanced argillic" alteration suites. Some researchers think that koalinite results from descending fluids surrounding a hot-spring setting as opposed to ascending fluids in a fissure.

Sincerely,

Craig J.R. Hart  
Project Geologist

**APPENDIX 7**

**SUMMARY OF FIELD EXPENDITURES**

**2001 DIAMOND DRILLING**

**PROGRAM**

**KAOLIN CLAIMS**

**Summary of Expenditures/Work Performed (TOTAL)**

**Diamond Drilling and related costs**

Drill rental (rated at 10% of value of equipment/month)	
\$45,000.00 x 2.5 months= \$11,250.00	
at 75% (heavy equipment)= \$8,437.50	\$8,437.50
Drilling fluids	\$ 750.00
Core boxes	\$ 412.96
Diamond products	\$1,380.00
Core barrel assembly and slides	\$1,303.26
Fuel	\$1,104.25
Truck rental (2 ½ months at \$1,450.00/month)	
2.5 x \$1,450.00 = \$3,625.00 x 25% = \$906.25	\$ 906.25
Truck mileage: a) Daily work travel = 450Km.	
b) Whitehorse – return = <u>2317Km.</u>	
TOTAL 2767 Km. x .42 =	\$1,162.00
Assays	\$3,801.44
Logging of core (R. Stroshein)	\$1,200.00
Living expenses: \$35.00 x 177 man days	\$6,195.00
Salaries: (Luke) 73 days x \$150.00 per = \$10,950.00	\$10,950.00
(Shane) 40 days x \$150.00per = \$ 6,000.00	\$ 6,000.00
Report and drafting	<u>\$ 500.00</u>

**GRAND TOTAL FOR SUMMER 2001= \$44,373.38**

Percentage of total available for assessment purposes on  
**KAOLIN CLAIMS = 16.25% OF GRAND TOTAL \$ 7,210.64**