

**YEIP  
2010  
-006**

# **2010 DIAMOND DRILLING REPORT**

**on the**

## **CANYON GOLD KM. 410 ANOMALY**

**Whitehorse Mining District**

**N.T.S. 105 K/03**

**Latitude 62° 09', Longitude 133° 09'**

### **KAOLIN CLAIMS**

**(June 02 to August 27, 2010)**

**By: A. Carlos (owner of claims)  
October 31, 2010**

**File Number: 10-006/Target Evaluation**

CORE PHOTOS

KM. 410 - 2010

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## **INTRODUCTION**

The Canyon Gold Km 410 Anomaly comprises a target within the greater "Grew Creek" exploration area, which currently encompasses 351 quartz claims. Following is a detail of work performed in 2010 with the aid of an incentive program contribution by the territorial government.

## **PROGRAM**

During the summer my sons and I successfully completed 4 diamond drill holes totalling 754.5 ft. in order to test a portion of a 2008 Enzyme Leach geochemical program, under which several anomalous sectors were determined. The geology underlying the above effort is ill-defined, due to recessive weathering and shallow till cover. The drill program therefore had two objectives: to determine geology and secondly hopefully to explain the geochemical zones determined from previous geochem sampling.

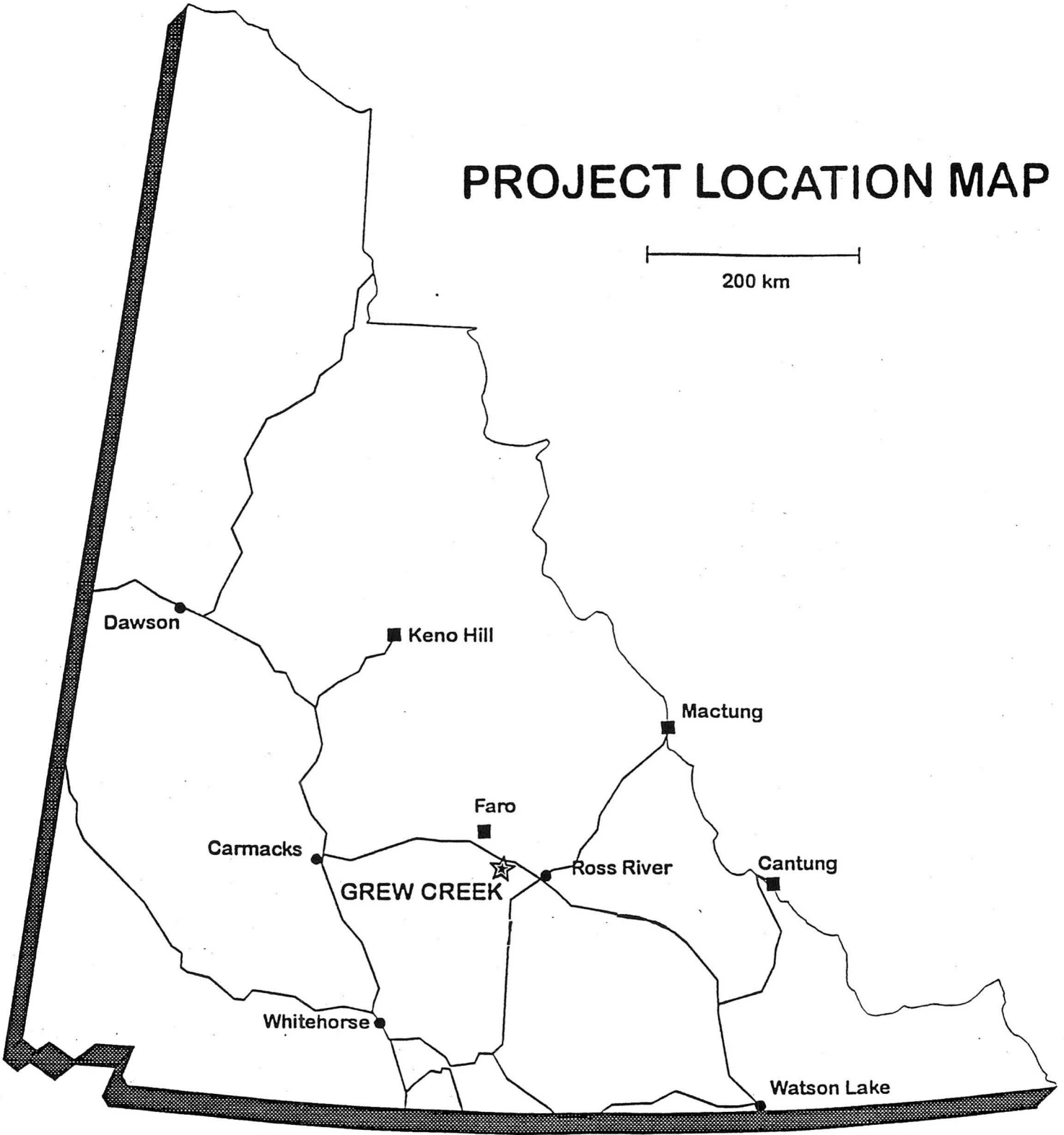
## **HISTORY**

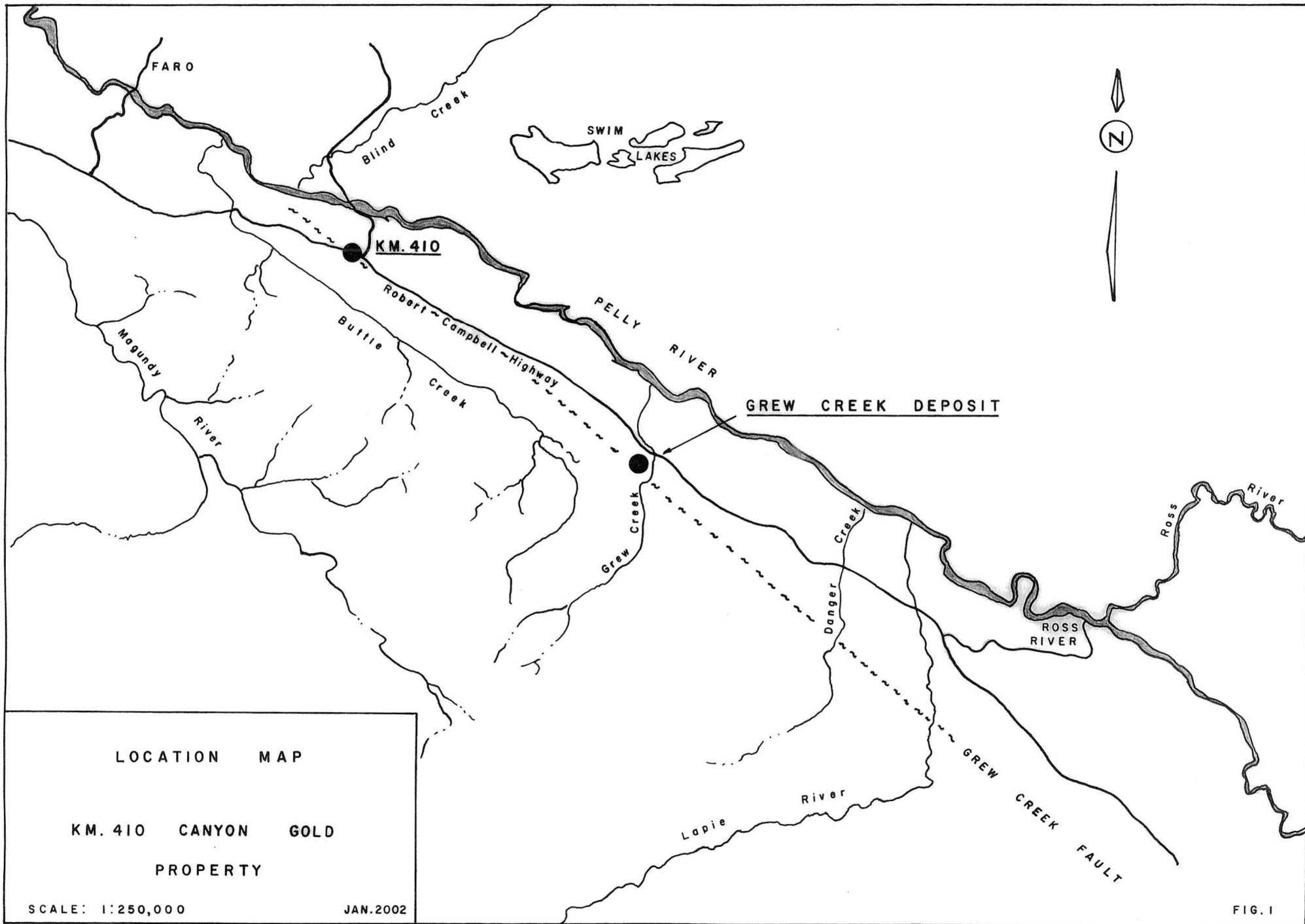
For a number of reasons, interest in Km 410 has persisted to the present, consisting generally in a hit-and-run type of approach until the summer of 2008, when we performed a comprehensive grid based geochem program. A ground magnetometer survey was performed the same year, followed by a 4 hole diamond drilling test in 2009. Evidence gleaned from those surveys suggested a progression to a new model type for this particular target. A synthesis of earlier and more recent work is offered in the following references:

- 1) Exploration proposal for the Km 410 target. Feb. 25, 2008 - A. Carlos.
- 2) Interpretation of Enzyme Leach data from the Canyon Gold - Km 410 survey. Mar. 10, 2009 - Gregory T. Hill.
- 3) Exploration proposal for the Km 410 target. Feb. 15, 2010 - A. Carlos.
- 4) 2009 Diamond Drilling Report on the Canyon Gold Grew Creek project. Mar. 10, 2010 - Shane Carlos.

# PROJECT LOCATION MAP

200 km





MINFILE: 105K 009  
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YUKON MINFILE  
YUKON GEOLOGICAL SURVEY  
WHITEHORSE

MINFILE # 105K 009  
NAME: GREW CREEK  
DEPOSIT TYPE: EPITHERMAL AU-AG: LOW SULPHIDATION  
STATUS: DEPOSIT  
TECTONIC ELEMENT: POST-AMALGAMATION PLUTONIC ROCKS

NTS MAP SHEET: 105K2  
LATITUDE: 62° 2' 47" N  
LONGITUDE: 132° 51' 15" W

OTHER NAME(S): MAIN ZONE  
MAJOR COMMODITIES: GOLD, SILVER  
MINOR COMMODITIES:  
TRACE COMMODITIES: ARSENIC, MERCURY

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**CLAIMS (PREVIOUS & CURRENT)**

CAN, CANYON, CARLIN, ERN, GREW, HELL, RAN, TAR

**WORK HISTORY**

The original claims were staked as Grew cl 1-48 (94550) between Nov/65 and Feb/66 by General Enterprises Ltd and optioned to Gaylord Mines Ltd in 1967, which carried out magnetometer, EM and IP surveying later in the year. Three drill holes reportedly planned in 1968 were apparently never drilled. The nearby Carlin cl 1-32 (Y5762) were staked in May 66 by S. Young and examined briefly by Scope Mining and Exploration Consultants later that year.

A. Carlos, unaware of any previous staking became interested in the area following reports of Faro residents hand mining and recovering placer gold from Grew Creek. Prospecting the area, Carlos noted the presence of Tertiary volcanics and strong structural features furthering his interest. In May/83 Carlos discovered gold mineralization in outcrop and restaked the occurrence area within Canyon cl 1-40 (YA75717) in Jun/83. Carlos carried out geological mapping and geochemical sampling later in the year. The Canyon group was optioned late in 1983 by Mincan joint venture (Hudson Bay Exploration and Development Company Ltd and Minorco Canada Ltd), which staked more claims and carried out geological mapping, VLF-EM and magnetometer surveying and geochemical sampling in 1984 and 1985; trenching and drilled 13 holes (1732 m) in 1984; drilled 19 percussion holes (1660 m) in 1985; and geochemical sampling, EM and magnetometer surveying in 1986, before dropping the option.

The Ren cl 1-2 (YA75799), Tar cl 1-8 (YA75786), Hell cl 1-8 (YA75778) and Ern cl 1-8 (YA75749) were staked contiguously with the southern corner of the original Canyon claims in Jul/83 by Ezee Golds Ltd, which carried out trenching in 1983, 1984 and 1986. In 1987 Ezee Golds drilled one hole (51.3 m) for assessment on the Ern etc claims; carried out trenching, road work and additional drilling in 1989 and 1990; and trenching and road work in 1992. In Oct/93, Ezee Golds performed trenching on the Ern, Hell, Tar, and Ren, claims and on fractional Vac, JSC and TMP claims.

The Canyon claims were reoptioned in 1987 by a joint venture between Noranda Exploration Company Ltd, Golden Nevada Resources Inc and Brenda Mines Ltd, which carried out property wide geochemical sampling, ground magnetometer, airborne geophysical surveying and drilled 17 holes (2972 m) 500 m west of Grew Creek on Canyon cl 3 and 4 (Main Zone) in 1987; geophysical surveying, geochemical sampling and drilled 30 core holes (13156.5 m) in the Main Zone, 10 core holes (3045 m) in the Tarn Zone (east of Grew Creek) and 12 rotary holes (1448 m) between the two zones in 1988; and drilled 10 holes (1165 m) in 1989. Golden Nevada Resources Inc changed its name to Goldnev Resources Inc in Jun/89 and excavated 18 backhoe trenches and 4 pits in 1991 before



dropping its option later in the year.

Noranda Exploration Company Ltd tied on Can cl 1-168 (YB7880) to the northwest in Sep/87 and optioned them to Mintel International Development Corporation, which carried out geochemical sampling later in the year. Mintel staked the Ran cl 1-1 040 (YB08978) adjacent to and northwest of the Can claims in 1987. Mintel changed its name to Golden Trump Resources Ltd in Apr/89 and transferred the Ran claims to Prime Equities Inc in Nov/91. The Can claims were transferred to Prime Equities International Corporation in Dec/91. Both the Can and Ran claim groups were later transferred to A. Carlos in Apr/92.

In 1992, Wheaton River Minerals signed a letter of agreement to acquire the Grew Creek deposit but the terms of the option agreement were not fulfilled and the core claims reverted to Carlos. By the end of 1992, all of the Canyon and Grand claims previously optioned by other companies were also returned to Carlos.

In Feb/93 YGC Resources Ltd optioned the Grew Creek property (Minfile Occurrences #105K 008, 093, 113, this occurrence and 105F 047) and later in the year drilled 17 holes (1944 m) on the Canyon claims and carried out trenching on the Ran claims.

In Apr/94 YGC purchased the Ketza River property (Minfile Occurrence #105F 019) including a 400 metric tonnes per day mill from Wheaton Rivers Minerals Ltd. The sale was paid for with YGC shares and resulted in Wheaton River becoming controlling shareholder in YGC. YGC planned to truck Grew Creek ore to the Ketza River mill for processing, starting in 1995. Projected production was expected to be 30 000 oz (930 000 gm) Au per year for 3 years, with a 93% recovery. The plan never proceeded.

During the 1994 exploration season YGC drilled 14 holes (1307 m) in the South and Main Zones. Nine holes were drilled in the South Zone to identify and sample the mineralization along the zone. The remaining 5 holes were drilled to fill in, test continuity and determine the upper level of bedrock mineralization at the eastern end of the Main Zone. In Oct/94 Carlos transferred the Grand, Ran, Can and Canyon claim groups to YGC.

In 1995 YGC drilled 14 diamond drill holes (1530 m) on the Grew Creek property. Twelve of the holes were drilled to test various targets in and adjoining the Main Zone. One hole was drilled at the Main West Zone located 2 km to the west on Canyon cl 48 (YA81167). The remaining hole was drilled on Canyon cl 221 (YA81340) located approximately 16 km to the west (Minfile Occurrence #105K 113).

In the spring of 1996 YGC drilled 17 diamond drill holes (1560.7 m) to systematically drill test the continuity of the Main Zone mineralization on intermediate sections between 10+175E and 10+287.5E. Following completion of the program, the company carried out a compilation study which included surveying the location of all known drill holes and calculating an updated resources estimate for the Main Zone. At the end of 1996 YGC elected not to complete the final year of the option agreement and returned the various claim groups to Carlos.

Carlos staked Canon cl 1-6 (YC08793) in May/98 and Canon cl 7-14 (YC08939) in Jul/98, 2.5 km north of this occurrence location and contiguous with the existing Grew Creek claim block. Later that year Carlos carried out VLF-EM and magentometer surveying, prospecting, soil sampling and trenching on the Canon claims.

In 2000 Carlos carried out an enzyme leach sampling program on a grid located between this occurrence location and the Robert Campbell Highway (located to the north). In 2001 and 2002 Carlos drilled 4 holes (191.1 m) and 6 holes (416.7 m), respectively, to test one of the anomalies (E) which is located immediately east of the occurrence location. Carlos also collected additional enzyme leach samples to increase his sampling density. In 2003 Carlos collared 3 diamond drill holes (150.9 m) on anomaly E and 4 diamond drill holes on the Maverick prospect's anomaly B (Minfile Occurrence #105K 093) located approximately 10 km to the northwest. In 2004, before Carlos optioned the Grew Creek property, Carlos drilled 5 additional diamond drill holes (219.80 m) on anomaly B.

In Jul/2004 Carlos optioned the entire Grew Creek property to Freegold Ventures Ltd which drilled 12 diamond drill holes (633.4 m) on the Main zone. In 2005 Freegold Ventures carried out IP surveys on the Maverick prospect (Minfile Occurrence #105K 093), the Main zone, and the Rat Creek and Tarn zones (they adjoin the Main zone on the southeast side). The company followed up by drilling 6 diamond drill holes (960 m) on the Tarn and Rat Creek zones; 5 holes targeted the Tarn zone and 1 hole targeted the Rat Creek zone. Two of the Tarn zone drill holes were collared in overburden. The diamond drilling was conducted in two parts; mid to late March and November to mid-December.

In 2006 the company drilled 5 diamond drill holes (798 m) on the Tarn zone to test various IP chargeability targets. In the third quarter of 2007 Freegold Ventures dropped its option and returned the Grew Creek property to

Carlos.

In Jan/2008 Carlos optioned the Grew Creek property to Emerick Resources Corporation which completed a compilation report in May/2008. Carlos carried out additional enzyme leach sampling in 2008.

In 2009, Emerick completed nine diamond drillholes on the Sleeper, RAT and Barium zones for a total of 1600 m. These holes tested enzyme leach soil anomalies distal to the historic gold resource at Grew Creek. No significant drill results were achieved.

## GEOLOGY

The Grew Creek epithermal gold deposit is hosted by Eocene Ross Assemblage volcanic and sedimentary rocks deposited in a pull-apart basin within the Tintina Fault zone. The gold occurs in stockwork quartz veins and hydrothermal breccias cutting hydrothermally altered rhyolite. In Dec/89 Goldnev Resources Ltd reported that the Main Zone contained drill indicated reserves of 773 020 tonnes grading 8.92 g/t gold and 33.6 g/t silver. Within this deposit Goldnev identified a high grade core containing a drill indicated reserve of 184 950 tonnes grading 12.14 g/t gold. Metallurgical testing by Noranda in 1988 indicated that recoveries of 92-94% are possible using simple cyanide processing.

In the Main Zone, rhyolitic tuffs are juxtaposed against a cyclic sequence of Carboniferous and Permian aged fluvial sediments along the northwest-southeast trending Grew Creek fault. The faulted contact is partly intruded by a quartz-feldspar porphyry dyke. The pyroclastic rocks, dyke, fault and sediments all dip steeply to the north. The volcanic rocks are hydrothermally altered to illite-quartz and illite-quartz-adularia assemblages, with an outer propylitic halo.

Mineralization consists of pyrite, marcasite, arsenopyrite, chalcopyrite, argentite, electrum, silver selenides, galena and sphalerite. Fluorite is also present in the Tarn zone, 2 km southeast of the Main zone. Gangue minerals include quartz, adularia, carbonates, and quartz pseudomorphs after calcite. In the main zone, gold and silver occur as micron-size grains in chalcedony stringer stockworks and adjacent silicified tuffs. There is a good correlation between gold and silver assays, with a gold: silver ratio of about 1:4 for ore-grade mineralization, which occurs in an elongated zone trending west-northwest. The mineralization is strongly anomalous in arsenic and mercury, but mercury shows only a weak correlation with gold and silver. Most high mercury values lie along the fault, above the gold-silver zone.

Initial drilling on the Main Zone returned a best intersection of 11.7 g/t gold and 150.9 g/t silver across 31.4 m, while the best section exposed in a trench assayed 3.6 g/t gold and 15.3 g/t silver across 13 m. The 1989 drilling focused on the Main Zone, with the best intersection returning 10.5 g/t gold over 13 m.

The Tarn Zone, located 2 km to the east, consists of quartz-fluorite-chalcedony stockworks and localized silicification within a 900 x 100 m zone of sericitized rhyolite dykes and tuff. The best assays were 150 ppb gold across 2.0 m in a trench and 520 ppb gold over 1.5 m in a drill hole.

Prospecting in the area is difficult due to a thick cover of glacial till. Plouffe (1989) showed that gold is concentrated in the silt and clay size fraction down-ice from the Grew Creek deposit, but the common pathfinder elements silver, antimony, arsenic and mercury show little correlation with the gold distribution.

On the Ern claims, Ezee's 1987 drill hole cut silicified, argillized crystal-lithic felsic tuff stained with limonite, but returned only trace gold.

YGC's 1993 diamond drilling intersected strongly altered volcanic rocks beneath a zone of hydrothermal alteration exposed in a surface trench. The 1994 drilling showed that mineralization in the South Zone consists of an extensive quartz-adularia stringer stockwork of low grade gold-silver values. The best intersections were 2.33 g/t gold and 4.1 g/t silver over 10.4 m. The South Zone mineralization appears to be connected with the Main Zone mineralization, but further drilling in between the two zones needs to be carried out to confirm this theory. The drilling in the Main Zone confirmed earlier reported grades. The best intersection was 1.69 g/t gold and 3.0 g/t silver over 24 m. In Oct/94 YGC calculated an open pit mineable reserve for the Main zone of 173 000 tonnes grading 12 g/t gold and 32.3 g/t silver.

The best results recorded in 1995 were returned from the Main Zone, where hole #181 intersected ore grade gold-silver bearing quartz-adularia vein stockwork mineralization. The hole drilled near the eastern end of the zone

returned 15.0 m assaying 7.63 g/t gold and 8.6 g/t silver. Other holes drilled on the Rat Creek Grid, Knoll Zone and in the contact area of a pyroclastic tuff and rhyolite flow dome located immediately east of Rat Creek returned anomalous gold values up to 633 ppb gold.

Twelve of the 1996 drill holes intersected significant gold mineralization in the Main Zone. The best result was recorded in hole GC-94-196 which returned 28.55 g/t gold over 17.0 m including 4.5 m grading 41.3 g/t and 6.59 m grading 41.95 g/t. The hole intersected thick banded quartz vein mineralization at the 795 m elevation which YGC believed represented a central core or feeder zone of the Main Zone deposit. The mineralization occurs within the phyllic alteration zone and is directly related to strong quartz-adularia alteration.

At the end of the 1996 drilling program YGC completed an updated resource estimate for the Main Zone. Employing a 1 g/t gold cutoff grade, a block model estimation calculated a total resource of 527 360 tonnes grading 5.27 g/t gold to the 710 metre level. Within this total resource the company estimated an open pit resource of 382 000 tonnes grading 5.08 g/t gold above the 750 metre elevation.

Samples from the 2000 sampling program were analyzed using Enzyme Leach technology, revealing several anomalous zones just south of and parallel to the Danger Creek Fault and although no report of this work was ever filed for assessment purposes geochemical anomaly maps produced from this sampling accompanied subsequent reports on the 2001 and 2002 drill programs. Drilling intersected altered and brecciated quartz feldspar porphyry, mixed sedimentary and volcanic lithologies and basalt. Samples of core from both years were submitted for analysis and generally returned values for gold below the detection limit of the analytical techniques employed, the highest reported value was 109 ppb gold over 0.6 m from sericitically altered quartz feldspar porphyry near the bottom of Hole #CGGC-8.

The 2003 and 2004 drilling of the Maverick enzyme leach anomaly B intersected mafic volcanic complex rocks but did not detect any significant gold values. The 2004 drilling program completed by Freegold Ventures indicated that the dominant vein trend is north.

Four diamond drill holes were collared on the Tarn zone in mid Mar/2005 before the IP survey was undertaken. The holes intersected intense phylitic alteration associated with anomalous values in gold, silver, mercury and arsenic. The holes also intersected local fine quartz-adularia zones up to 40 m in length that yielded anomalous values up to 0.174 g/t gold and 2.3 g/t silver. (news release 10 May/2005). The second phase of drilling collared 1 diamond drill hole on the Tarn zone and 1 hole on the Rat Creek zone. Two other holes were abandoned in overburden.

The 2006 diamond drill holes were completed between January and early Mar/2006 and were an extension of the second phase of the 2005 drill program. The 2006 drill holes targeted IP anomalies on the Tarn zone. The single hole collared on the Tarn zone in late 2005 and the five 2006 drill holes all intersected favorable alteration and displayed evidence of hydrothermal activity similar to that found at the Main zone but did not intersect any economic intervals.

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**UPDATED:** 10-Nov-09

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## **DISCUSSION OF DRILL HOLE PLACEMENTS (OBSERVATIONS)**

A brief overview of reasons for targeting this specific area is warranted at this point.

A multi-element geochem anomaly trending along line 22+700W occurs north of an arcing magnetic feature, suggesting a magnetic heat and/or fluid source centered to the south (Fig.3). Interpretation of geophysical and geochemical data suggests a focus of fault intersections correlative with the geochemical center. The Grew Creek fault is well defined (airborne resistivity). Another important feature is the combined multi-element geochemical and electromagnetic trend along the extent of the Robert Campbell Highway, most likely reflecting another key structural zone. A shear-hosted, banded quartz vein within Permian chert units strikes in a direction crossing the southern portion of the multi-element geochemical anomaly. It may be of interest to note that Gregory Hill made the determination of this lineament in his interpretation of the Enzyme Leach survey without prior knowledge of our vein discovery and its determined strike (Fig.3). Finally, two local till concentrate locations returned anomalous gold and arsenic values upon assay (Fig.2). Gregory has agreed to discuss results of our geochemical survey with those interested, including the relevance of the Ti depletion as noted in Fig.3.

Reasons for drill hole determination and brief summary of results follow:

### Hole No.1

- ★ A V.L.F. E.M. anomaly center (Fig.3).
- ★ E.M. trend coincident with a "central low" interpreted trend by G.T. Hill in 2001 based upon a close-spaced B-horizon soil sampling test (see attached 2001 map @ 1:2500).

I quote from an Enzyme Leach text by J. Robert Clark, a co-founder of this partial leach geochemistry: "Frequently, one or more elements will very tightly bracket a central low, and that central low will be directly over the reduced body in the subsurface". If this is the case here, the gold plot as per the 2001 survey (attached) is behaving as a bracketing element, or in other words, as a halo to the deposit (see summary map of 2001 survey plus Fig.3). In 2009, two drill holes tested below the plotted Au anomaly, with negative results.

- ★ This E.M. anomaly underlies the general multi-element anomaly determined in the 2008 survey, together with it being essentially coincident with the geochemical feature trending along the highway.
- ★ This coincident E.M.-geochemical anomaly is situated proximal to the Grew Creek fault and only several hundred metres from the magnetic arc.
- ★ The vein fault trend as depicted in Fig.3 intersects this E.M. target.

Hole No. 1 is an extremely brecciated section of graben sediments intruded by several occurrences of equivalently altered and brecciated rhyolitic material. Clay alteration is ubiquitous. Eighty percent of assay sections host detectable Au, with a high of 50 ppb. Assay values for Ag and Sb are also elevated compared to remaining drill holes. Mercury values throughout the area are relatively high, to 730 ppb except hole no. 4 - where it is depleted by a factor of 10. Of the 4 holes drilled, only no. 1 hosted numerous pyritic clasts that appeared to have been transported within the breccia. The entire hole is strongly carbonaceous, with a good section of pyrobitumens near bottom.

#### Hole No.2

- ★ Drilled to test below highway - along which numerous elements trend in a somewhat arcing fashion (see tungsten plot in G.T. Hill report). Latter section of hole is carbonaceous and brecciated as hole no. 1, whereas the upper section is free of carbon. Hg is the only element with elevated values.



### Hole No.3

- ★ Drilled to test a center of Sr depletion (Barry W. Smee - consultant).
- ★ Located at perimeter of geochemical anomaly.

Hole consists of a carbon-free quartz breccia, often coloured by hematite banding. Very clay-altered, causing severe sanding. Hg only element with elevated values.

### Hole No.4

- ★ Hole was centered on a local mercury spike within the broader geochemical anomaly. Nearby was a pit from which a till concentrate was garnered and assayed previously, returning a high Au value (Fig. 2 and 3). Section is essentially a carbonaceous quartz breccia with intermittent tuffaceous material. The gravel sized quartz fragments at times appear to be the result of crushed (brecciated) vein material - strung out along an apparent flow pattern. Intact quartz veining is also noted. Ironically, though drilled in part because of a localized Hg spike, mercury values throughout the hole averaged lower than other holes by a factor of 10, averaging approx. 30 ppb.

## **CONCLUSIONS AND RECOMMENDATIONS**

Though disappointed by assay results, one must remember that these shallow holes were hampered by extreme clay alteration of a brecciated quartz unit, resulting in severe sanding problems. Not yet explained are the multi-element geochem centers, together with 2 separate till concentrates assaying high in Au and As. Concentrate from the pit near hole no. 4 was tested for Au only.

Locally within the broader area, I believe the electromagnetic feature targeted in hole no. 1 deserves further attention. Perhaps one drill hole midpoint along its strike, where the "vein fault" lineament intersects, and a second, further westerly nearby the Ag spike. A larger drill is required to deal with the ground conditions.

Note: Core is in safe keeping at 275 Alsek Road, Whitehorse. It is 1.39" in diameter, similar to the more common BQ wireline size of 1.43".

Also: Larger attached map sheets regarding this report have been expanded to a scale of 1:2500.

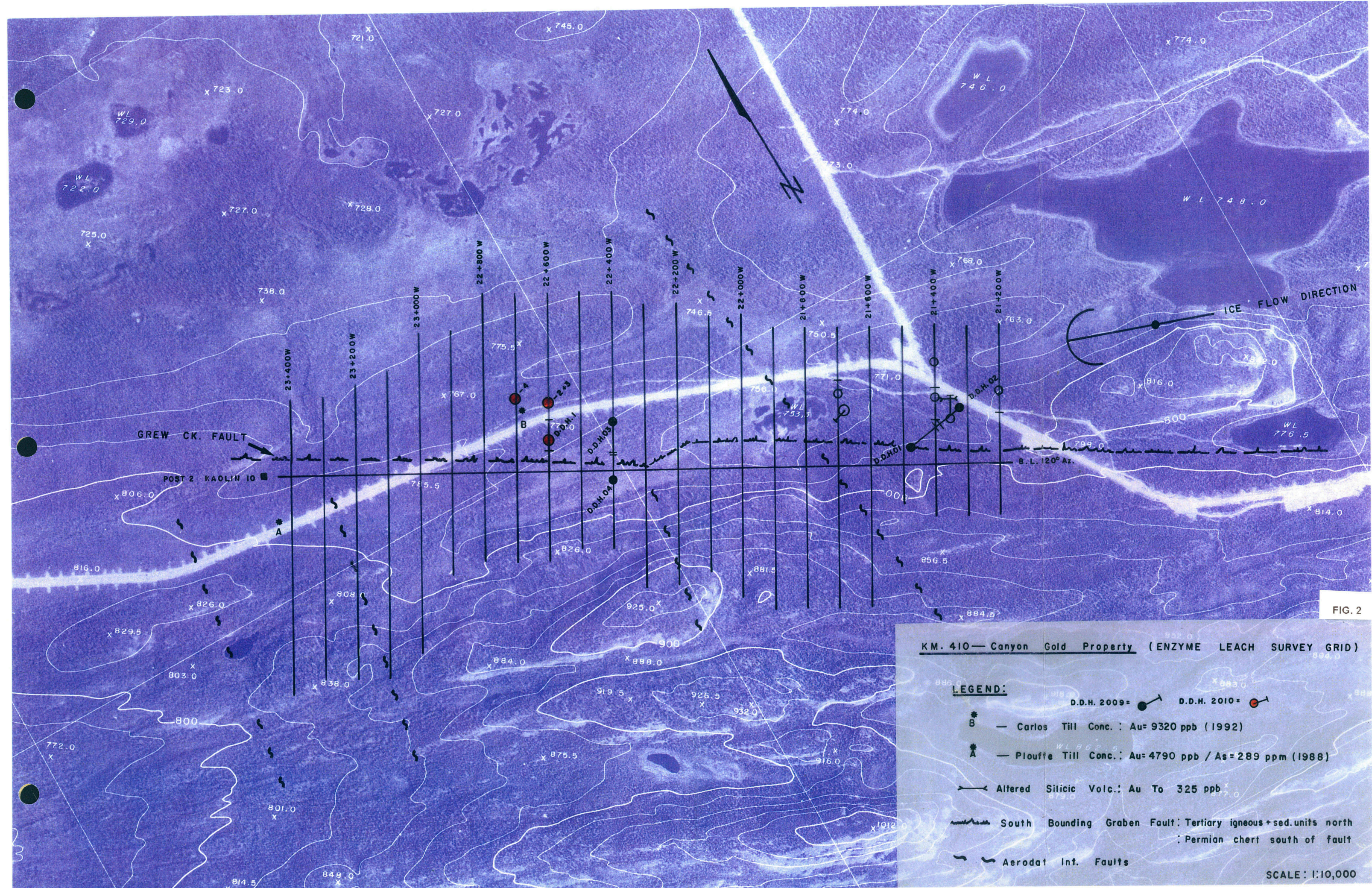


FIG. 2

**KM. 410— Canyon Gold Property (ENZYME LEACH SURVEY GRID)**

**LEGEND:**

- D.D.H. 2009 = ●      D.D.H. 2010 = ●
- \* B — Carlos Till Conc.: Au= 9320 ppb (1992)
- \* A — Plouffe Till Conc.: Au= 4790 ppb / As= 289 ppm (1988)
- Altered Silicic Volc.: Au To 325 ppb
- South Bounding Graben Fault: Tertiary igneous + sed. units north  
: Permian chert south of fault
- Aerodat Int. Faults

SCALE: 1:10,000

# **APPENDIX 1**

## **DRILL HOLE DESCRIPTIVE LOGS**

### **SELECT CORE PHOTOS**

**GRID: 22+600W**

**HOLE: NO 1**

**COORDINATES: 10+120N**

**BEARING: 210°**

**ANGLE: -80°**

**DEPTH: 213 FEET**

<b><u>FROM</u></b>	<b><u>TO</u></b>	<b><u>DESCRIPTIONS</u></b>
0'	11'	<i><u>OVBN</u></i>
11'	55'	<i><u>VARIABLY CARBONACEOUS CLAY RICH BRECCIA</u></i>

Section is hosted most likely within an altered graben shale-siltstone sequence: Brecciated throughout in varying intensity, resulting in a fine to coarse grained quartz breccia comprised of sub-rounded to angular quartz fragments together with similar clasts composed of pyrite and/or of a unit not identified, most likely sedimentary.

11' -23½': 25% core recovery. A clay rich, black-gray sand sized quartz material with occasional to 5cm. clasts of granitoid. At 16'-scattered accumulation of pyrite with sub-angular forms to those with crystal faces which may have grown in place. Quartz grains become coarser near end of this section.

23½'-29': Somewhat less carbonaceous, coarser clast material comprising sub-rounded quartz and black-gray fragments to 1cm. At 29'-fining of clasts occurs together with observable fluid-flow features. Sulphide growth rims are common around clast grains and sulphide accumulations as apparent clasts also occur.

29'-31½': Prominent fluid flow features comprised of angular quartz fragments.

31½'- 38': Variably carbonaceous angular to sub-rounded clasts within a matrix of sand size quartz.

38'-39': Sections of fine, granular pyrite clasts.

39'-45': A gray - fine grained quartz breccia.

45'-47½': Very carbonaceous, clay rich sandy breccia within which occur angular to ½cm. pyrite clasts. At 46½' occurs approx. a ½mm. hexagonal, yellow transparent crystal. Very distinct under a glass. Perhaps a Beryl. They have been noted occasionally throughout the length of this drill hole.

47½'- 50': Clast supported, well rounded quartz fragments.

50'-53': Gray, fine grained quartz crackle breccia.

CG-KM-410-2010-Box 5

97

102

107

113

CG-KM-410-2010-Box 6

118

123

128

132

137

APR 24  
1951

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTIONS</u>
55'	94½'	<u>STRONGLY CARBONACEOUS CLAY RICH BRECCIA</u>
<p>A higher degree of carbonaceous matter relative to section previous, together with abundant, well rounded larger clasts, varying from ½-10cm; All within a carbonaceous sandy quartz-clay mud. Three separate 1 foot sections of fine pyrite within breccia matrix noted.</p> <p>61': Pyrite grains prominent within rounded clay balls.</p> <p>74'-76': Volcanic tuff: Dense black matrix with gray-tan, ragged edged pyroclasts. Core angle with breccia = 40°.</p> <p>79'-80': As above. These 2 sections are very likely larger clast material within the breccia zone.</p>		
99½'	104'	<u>BRECCIATED QUARTZ EYE RHYOLITE PORPHYRY</u>
<p>Grounded up to &lt; 1mm. quartz grains within a clay matrix. To 1cm. rounded porphyry clasts throughout.</p>		
104'	108½'	<u>CARBONACEOUS CLAY RICH BRECCIA (FAULT)?</u>
<p>As above.</p>		
108½'	112½'	<u>BRECCIATED PORPHYRY</u>
<p>As 99½'-104'.</p>		
112½'	116'	<u>QUARTZ SAND BRECCIA (HYDROCARBONS)?</u>
<p>Section photo included conveying evidence for hydrocarbon invasion. Quartz sand breccia is probably the result of greater attrition of feldspar pphy. Evidence here may support my belief that there occurred a general "introduction of hydrocarbon" event.</p>		
116'	123½'	<u>CALCAREOUS SILTSTONE?</u>
<p>45° fracture plane to core angle. Randomly oriented thin calcite veinlets throughout.</p>		

**123½'      204'      STRONGLY CARBONACEOUS BRECCIA**

Generally as 55'-99½'. The major difference involves the presence of identifiable pyrobitumen from 135'-156', becoming very concentrated from 154'-156'.

158'-159': Several fine grained, rounded pyrite clasts. Some of these clasts have been disrupted and strung out as grains of pyrite. The core is in places swollen to 1½ times its original diameter (expanding clay).

183½'-193½': 60% core recovery.

**206'      213'      CLAY ALTERED RHYOLITE**

Very clay altered. When wet it has a gray-green alteration tint. Upon drying, mud cracks develop.

**E.O.H.**

**HOLE Km 410- 01 ASSAY INTERVAL NUMBERS**

<u>FROM</u>	<u>TO</u>	
11'	15'	479176
15'	20'	479177
20'	25'	479178
25'	29'	479179
29'	31½'	479180
31½'	36'	479181
36'	39½'	479182
39½'	44½'	479183
44½'	49½'	479184
49½'	54½'	479185



<u>FROM</u>	<u>TO</u>	
54½'	59½''	479186
59½'	64½'	479187
64½'	69½'	479188
69½'	74½'	479189
74½'	79½'	479190
79½'	84½'	479191
84½'	89½'	479192
89½'	94½'	479193
94½'	99½'	479194
99½'	104'	479195
104'	108½'	479196
108½'	112½'	479197
112½'	116½'	479198
116½'	123'	479199
123'	128'	479200
128'	133'	479201
133'	138'	479202
138'	143'	479203
143'	148'	479204
148'	153'	479205

<u>FROM</u>	<u>TO</u>	
153'	158'	479206
158'	163'	479207
163'	168'	479208
168'	173'	479209
173'	178'	479210
178'	183'	479211
183'	188'	479212
188'	193'	479213
193'	198'	479214
198'	204'	479215
204'	209'	479216
209'	213'	479217

**GRID: 22+600W**

**HOLE: NO 2**

**COORDINATES: 10+212.5N**

**BEARING: 210°**

**ANGLE: -50°**

**DEPTH: 146.5 FEET**

<b><u>FROM</u></b>	<b><u>TO</u></b>	<b><u>DESCRIPTIONS</u></b>
--------------------	------------------	----------------------------

0'	30'	<u>OVCN</u>
----	-----	-------------

30'	32'	<u>MIXED ZONE</u>
-----	-----	-------------------

Till and bedrock mix zone. Black carbonaceous clay cementing till pebbles-sand, mixed with green and earthy red clay plus granular quartz.

32'	146 1/2'	<u>VARIABLY CARBONACEOUS BRECCIA ZONE</u>
-----	----------	---

General features: 1. Carbon rich = 69% of section.

2. Clast size varies from 3mm quartz granules to larger clasts of quartz and other material, often of a sub-rounded nature.
3. Variable clay content of the finer matrix.
4. Identifiable sections of fluid flow.
5. Carbon appears to have been introduced.

32'-41 1/2': QUARTZ BRECCIA (NON CARBONACEOUS)

56% core recovery. Consists of green-gray to reddish hue, very often colour banded along the length of core, comprised of white, grey to green granular quartz fragments (3mm) fining down to less than 1mm. Much of the granular quartz displays abraded crystal forms, a feature prevalent through remainder of the hole. Occasional larger white quartz clasts varying to 3mm. make up the breccia. Estimate 80% quartz and 20% clay.

41'-41 1/2': A less brecciated portion of the unit; A greenish hue with clay alteration, feldspars, quartz and earthy orange material. Mildly calcareous throughout, with better response from the reddish flow band features. Unique pyrite to 1% through section: A smeared and ragged look, lighter of colour than usual.

41 1/2'	56'	<u>QUARTZ BRECCIA (60% OF SECTION CARBONACEOUS)</u>
---------	-----	---

43.5': Distinct fluid flow feature.

44'-45': Green hued, silicified, quartz veined fragment. Altered volcanic? Approximately 1.5% pyrite.

49': 6cm. white quartz fragment with green chlorite wisps. Thin fractures of hematite. A short interval of carbonaceous breccia.

Logged by: A M Carlos

Hole Number: 02

Sheet Number: 1

51½'-54': Carbonaceous quartz breccia, minor larger clasts.

54'-55': Gray-green to earthy red granular quartz flow bands. Similar as 32'-41½'.

56': Fluid flow feature: varying width, mm. to cm. green quartz/clay within carbonaceous clay quartz breccia.

**56'            63½'            CARBONACEOUS QUARTZ BRECCIA**

Brecciated throughout in varying intensity, resulting in a fine to coarser grained quartz breccia composed of sub-rounded to angular quartz fragments, together with similar clasts composed of sulphides and/or of a unit not identifiable, most likely of sedimentary origin. Overall more carbonized than above.

57': 2" rounded white quartz clast.

60½': White quartz clast.

**63½'            70'            QUARTZ BRECCIA (NON CARBONACEOUS)**

63½'-70': 65% core recovery. Green hue to a granular quartz breccia. Short sections more competent due to increased quartz matrix. Clay rich sections have a distinct greasy feel, suggesting the presence of talc.

**70'            77½'            CARBONACEOUS QUARTZ BRECCIA**

As 56'-63½'.

75': Hematite rich breccia clast.

**77½'            82'            QUARTZ BRECCIA (NON CARBONACEOUS)**

Generally as 63½'-70'.

Distinct flow feature @ 81', 45% to core angle.

**82'            146½'            CARBONACEOUS QUARTZ BRECCIA**

As described in 56'-63½'. Interval is most carbonaceous in hole. Clasts of quartz vary to 10cm. along core axis.

138½': A nice example of fluid flow feature depicted in attached photo.

**E.O.H.**

## HOLE Km 410- 02 ASSAY INTERVAL NUMBERS

<u>FROM</u>	<u>TO</u>	
32'	41½'	479151
41½'	43¾'	479152
43¾'	44¾'	479153
44¾'	50'	479154
50'	51⅓'	479155
51⅓'	53⅓'	479156
53⅓'	55'	479157
55'	63'	479158
63'	69'	479159
69'	74'	479160
74'	77¾'	479161
77¾'	81¾'	479162
81¾'	87'	479163
87'	92'	479164
92'	97'	479165
97'	102'	479166
102'	107'	479167
107'	112'	479168
112'	117'	479169

Logged by: A M Carlos

Hole Number: 02

Sheet Number: 3

<u>FROM</u>	<u>TO</u>	
117'	122'	479170
122'	127'	479171
127'	132'	479172
132'	137'	479173
137'	142'	479174
142'	146'	479175

**GRID: 22+600W**

**HOLE: NO 3**

**COORDINATES: 10+212.5N**

**ANGLE: -90°**

**DEPTH: 165 FEET**

**FROM**

**TO**

**DESCRIPTIONS**

**0'**

**27'**

**OVBN**

**27'**

**156'**

**QUARTZ BRECCIA**

Overall colour is the result of a granular 1mm. or greater green, brecciated quartz. Prominent intervals of ½ cm. or wider red hued bands occur that accentuate the foliation prevalent. These features consist of 80% granular green-white quartz, aligned within a fine matrix of clay-sericite. A flaky red clay mineral defines the foliation within the colour bands. Although the flow banding is made up of visibly crushed and abraded material, silicification is evident by some of the quartz forms. Pyrite is noted throughout the core but, in particular, larger clasts may carry 3-4% as stringers and disseminations. Minor calcite is present but most noted in one of a number of clasts making up the breccia. Clay alteration is general, but occasional intervals intensely so, resulting in sections of wet core with a flexible, spaghetti like consistency. Severe sanding, due to clay alteration made it difficult to continue further. There is no magnetic response. 77½'-90': The only portion of this core with carbonaceous material, occurring as alternating short, dark clay sections.

**DESCRIPTIONS: RANK BY ABUNDANCE OF LARGE CLAST MATERIAL**

- 1) 7cm. example @ 98': Massive white quartz with calcite intergrowths. Dark green-black chlorite bands to ¼cm. Minor sericite.
- 2a) 12cm. example @ 108½': Siliceous, green quartz sericite? Fine, wavy foliation with thin alternating bands of quartz and sericite. Calcareous (minor).
- 2b) 14cm. example @146': Similar to 2a but quartz flooding accompanied by hairline, gray sulphide fractures.
- 3) 25cm. example @ 124½': Competent (silicified) red breccia with patchy green tints. 1cm. clasts and smaller of white quartz with crackle features hosting thin bands of red clay. Some vein breccia features noted within the clay. Calcareous (minor).
- 4) 10cm. example @ 123½': A faintly foliated, thinly veined quartz-calcite unit hosting <½cm. bands of fine matrix supported crushed quartz; by hydraulic fracture?

**FLOW BAND CORE ANGLES:**

33' = 45°	100' = 10°
41' = 35°	104' = 0°
46' = 10°	105' = 20°
58' = 30°	108' = 30°-45°
74' = 30°	114' = 0°
76' = 29°	124' = 0°
82' = 10°	128' = 30°
84' = 0°	144' = 40°
90' = 40°	

**HOLE Km 410- 03 ASSAY INTERVAL NUMBERS**

<u>FROM</u>	<u>TO</u>	
27'	32'	479218
32'	37'	479219
37'	42'	479220
42'	47'	479221
47'	52'	479222
52'	57'	479223
57'	62'	479224
62'	65'	479225
65'	70'	479226
70'	75'	479227
75'	79'	479228
79'	86'	479229



<u>FROM</u>	<u>TO</u>	
86'	91'	479230
91'	96'	479231
96'	101'	479232
101'	106'	479233
106'	111'	479234
111'	116'	479235
116'	121'	479236
121'	126'	479237
126'	131'	479238
131'	136'	479239
136'	141'	479240
141'	146'	479241
146'	151'	479242
151'	156'	479243
156'	161'	479244
161'	165'	479245

**GRID: 22+700W**

**HOLE: NO 4**

**COORDINATES: 10+230N**

**ANGLE: -90°**

**DEPTH: 230 FEET**

**FROM      TO                      DESCRIPTIONS**

**0'                      61'                      OVCN**

Approximately 40'-61': Dark gray to black - very carbonaceous.

**61'                      69'                      FINE TO COARSE QUARTZ BRECCIA**

61'-62' : Clay altered fine sand matrix with darker sections. Disseminated pyrite to 1/2%.

62'-63 1/4' : Silicified sandy, gray-black breccia clast with pyrite flooding as 1 cm x 4cm. irregular edged replacements. Clasts are of sub-angular to rounded quartz and unidentified fine black-banded fragments. Also within this section is noted a 6 inch fragment of silicified black silty material with green chlorite fractures.

66' : A 10cm. section of medium to coarse grained quartz breccia, with 1/2cm. and less sub-angular fragments of white quartz, unidentified black clasts and approximately 40% by volume of light coloured tuffaceous volcanics. Minor quartz calcite veinlets plus fine pyrite replacement within selective clasts also within this section.

66'-69' : Carbonaceous, clay rich sandy material.

**69'                      74'                      TUFF?**

Very clay rich, only 3% recovery. Fine grained gray sandy matrix with thin approximately 2mm. acicular crystals throughout. The crystals have ragged looking ends. Are these crystal shards resulting from air fall?

**74'                      76'                      EQUIGRANULAR CLASTIC QUARTZ**

Clasts are generally 1-2mm. and well crystallized together, having the appearance of an igneous intrusive at first glance. Lath like black clasts have a preferred orientation in places.

**76'                      81'                      TUFF?**

Identified as 69'-74'.

Observations: a) Scattered 1mm. spherical amygdules.

b) Brittle core - breaks into small sections in removal from core tube.

c) Fine pyrite throughout.

d) Rare pyrite, biotite-chlorite masses.

81'            83'            EQUIGRANULAR CLASTIC QUARTZ

As 74'-76': Silicified.

83'            90'            TUFF?

As Above.

84': Scattered quartz-calcite veinlets and silicification.

85'-90': Occasional parallel lineaments varying from 1-10cm. of fine fragmented quartz.

90'            108'            COARSE TO FINE GRAINED QUARTZ BRECCIA

Sub-angular to rounded clast supported material varying from < 1cm.-6cm. Fragments consist of 50% white quartz, 40% dark, finely banded and 5% of a green hue. Generally, contacts between the coarse and more sandy breccia are abrupt, often separated by shearing.

100½': section of fine cubic pyrite.

108'            112½'            CARBONACEOUS (SILTSTONE)?

Perhaps a result of attrition due to shearing and focused fluid flow.

112½'            129'            COARSE QUARTZ BRECCIA (CLAST SUPPORTED)

60% sub angular to rounded white quartz.

10% rounded green-micaceous quartz.

30% siliceous, elongate, finely banded and carbonaceous.

122': A minor, fragmented discontinuous quartz veinlet.

129'            131'            TUFF?

As above.

129': Short section of massive fine pyrite. Uncommon core angle contact with preceding unit at 90°. Abundant fractures in section consist of a greasy white clay.

131': Contact at 131' is 90° to core angle, with quartz fragments incorporated from the underlying unit.

**131'**            **149½'**            COARSE TO FINE GRAINED QUARTZ BRECCIA

Similar to 90'-108': Silicified.

140': Carbonaceous shear zone @ 17° to core angle. Transition between the separate breccias is often gradational, but there are also abrupt changes.

**149½'**            **152½'**            CARBONACEOUS VOLCANICLASTIC

Carbonaceous fine grain clay matrix incorporating 1-3mm. quartz and tuffaceous appearing volcanics.

150': Shear @ 17° to c.a.

151': Shear @ 30° to c.a.

**152½'**            **155½'**            COARSE QUARTZ BRECCIA (CLAST SUPPORTED)

As 112½'-129'.

**155½'**            **158½'**            BANDED SEDIMENT?

Alternating ½-¼cm. bands of carbonaceous and fine brown sandy material, ending in a 16cm. segment of well indurated sand.

**158½'**            **176'**            CARBONACEOUS FAULT ZONE

158½': 40° shearing core angle.

158½'-165': Carbonaceous, highly crushed clay rich matrix incorporating clasts of a fine gray quartz. approximately 10% of these clasts are finely stockwork veined. Total pyrite at approximately ½% throughout section, occurring both as pyrite clasts or replacing the fine quartz clasts noted.

**176'            192½'**            CARBONACEOUS CLAY RICH QUARTZ BRECCIA

Gravel like white-gray to green quartz fragments comprise 90% of section. Clay accounts for 20%. Brecciated short vein section forms are often strung out in an irregular banded manner, at times bound by thin carbonaceous clay layers. Much of this section has been healed by subsequent quartz flooding.

179½': 80% to c.a. black clay seam bound by fine cubic pyrite.

190'-192½': Fault zone. Quartz fragment size decreases from 190'-192½', most likely due to greater attrition. Carbon presence also increases.

**192½'            201'**            CARBONACEOUS MUDSTONE

20° to c.a. fracture pattern.

5% of section features thin vein stockworks.

194': Chlorite bearing features over 10cm. - minor veinlets.

**201'            208'**            COARSE SANDSTONE

40° fracture planes. Abundant sericite throughout. Minor quartz-calcite stockwork.

204': 7cm. of intense brecciation hosting 3cm. quartz-calcite veined clasts. Minor silicification.

**208'            211'**            CARBONACEOUS FINE MATRIX BRECCIA

Fault: Large 6cm. angular to semi-rounded white quartz, clasts occur scattered within a fine, carbonaceous silica-clay matrix. Silicification is general. Shearing appears at approximately 40° to c.a.

**211'            230'**            CARBONACEOUS QUARTZ BRECCIA

Brecciated throughout in varying intensity, resulting in a fine to coarse grained quartz breccia, primarily composed of sub-rounded to angular gravelly quartz. Dispersed throughout are visibly crushed white quartz masses that have been strung out to some degree. Between 211'-214', one of these features continues for 10cm., associated with fine pyrite to 4%.

223'-224': Brecciated quartz veining with clay alteration enveloping the fragments.

225½'-229': To 4cm. quartz veined clasts in a gritty clay matrix.

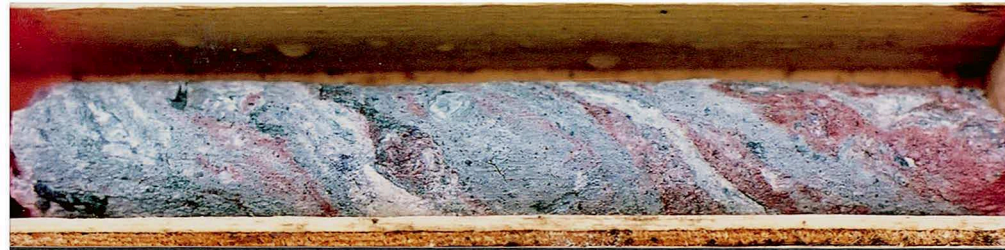
229'-230': A rapid fining of quartz fragments within the clay matrix.

The nature of the core and associated alteration created unmanageable sanding problems. We do not have the ability to case to this depth, or reduce.

## HOLE Km 410- 04 ASSAY INTERVAL NUMBERS

<u>FROM</u>	<u>TO</u>	
61'	63'	053501
63½'	69'	053502
69'	74'	053503
74'	79'	053504
79'	84'	053505
84'	90'	053506
90'	95'	053507
95'	100'	053508
100'	105'	053509
105'	108'	053510
108'	113'	053511
113'	118'	053512
118'	123'	053513
123'	129'	053514
129'	131⅓'	053515
131⅓'	136⅓'	053516
136⅓'	141½'	053517
141⅓'	146⅓'	053518

<u>FROM</u>	<u>TO</u>	
146 $\frac{1}{3}$ '	151 $\frac{1}{3}$ '	053519
151 $\frac{1}{3}$ '	156'	053520
156'	161'	053521
161'	166'	053522
166'	171'	053523
171'	176'	053524
176'	181'	053525
181'	186'	053526
186'	191'	053527
191'	196'	053528
196'	201'	053529
201'	208'	053530
208'	210'	053531
210'	211 $\frac{1}{2}$ '	053532
211 $\frac{1}{2}$ '	214'	053533
214'	221'	053534
221'	225'	053535
225'	230'	053536



Hole #3-47½'



Hole #3-59'



Hole #3-72½'



Hole #3-125'



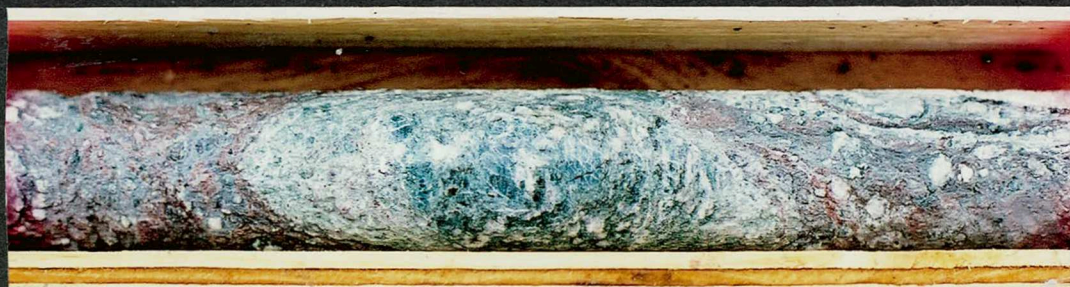
Hole #2-138'



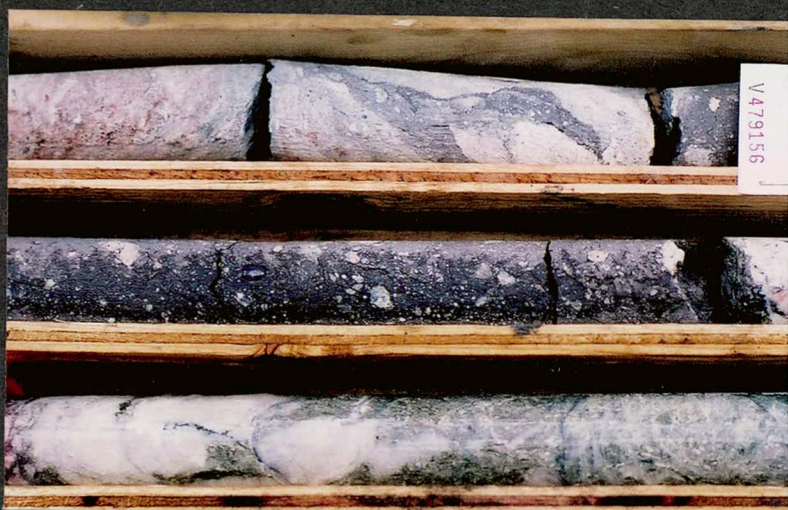
Hole #3-141½'



Hole #3-143'



Hole #2-45'

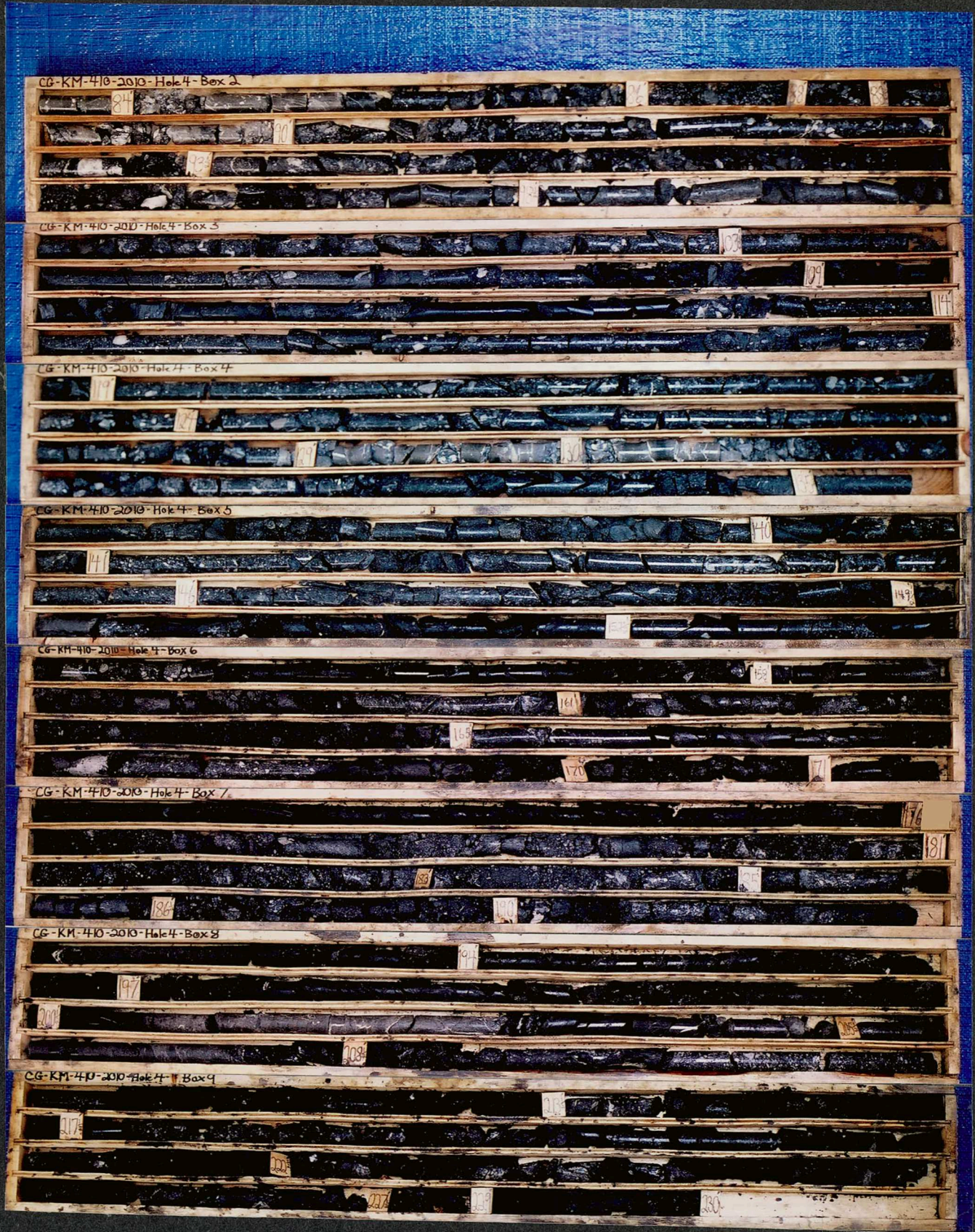


Hole #2-55'





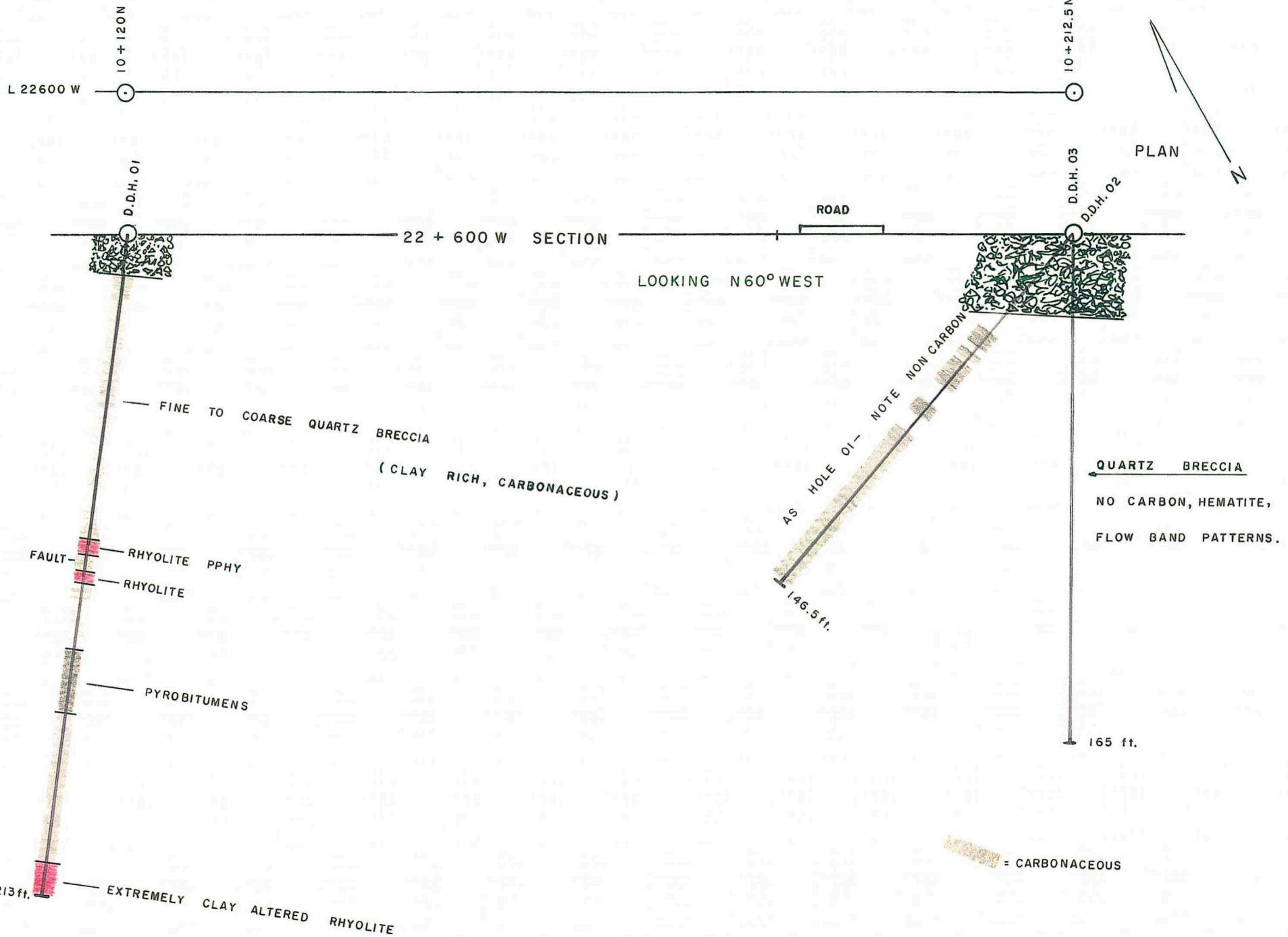
CANYON GOLD HOLE 3/2010



CANYON GOLD HOLE 4/2010

## **APPENDIX 2**

### **DIAMOND DRILL HOLE CROSS SECTIONS**



SCALE: 1:500

L 22700 W

10 + 230 N



PLAN  
LOOKING WESTERLY

D.D.H. 04



OVBN

— VERY CARBONACEOUS

— FINE TO COARSE QUARTZ BRECCIA

— TUFF

BRECCIA TUFF — QTZ. BRECCIA

BRECCIA TUFF — QTZ. BRECCIA

— COARSE TO FINE QUARTZ BRECCIA

— TUFF

— CARBONACEOUS VOLCANICLASTIC

— QUARTZ BRECCIA

— QUARTZ BRECCIA (FAULT)

— CLAY RICH QUARTZ BRECCIA

CARBONACEOUS  
MUDSTONE

CLAY RICH FINE TO COARSE QUARTZ BRECCIA

= CARBONACEOUS

SCALE = 1:500

## **APPENDIX 3**

### **ANALYTICAL RESULTS**



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 275 ALSEK RD  
 WHITEHORSE YT Y1A 4T1

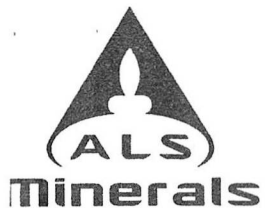
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 Finalized Date: 6-SEP-2010  
 Account: TFI

Project: Canyon Gold

**CERTIFICATE OF ANALYSIS WH10112967**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm	ME-MS61 Fe %
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
479176		0.46	0.41	7.21	46.4	930	7.53	0.21	1.01	0.61	91.7	14.1	73	30.2	24.5	3.53
479177		0.73	0.46	6.44	36.6	1030	6.19	0.13	2.33	0.80	70.0	12.6	68	16.55	16.9	3.30
479178		0.56	0.31	2.02	41.8	490	2.67	0.02	8.13	0.15	26.4	5.5	15	2.89	2.6	1.09
479179		1.25	0.31	1.57	59.5	400	2.79	0.02	8.11	0.14	22.3	2.8	13	1.88	1.7	0.80
479180		1.09	0.39	2.25	76.3	860	2.31	0.02	2.72	0.17	27.3	4.6	19	3.25	3.0	0.80
479181		1.47	0.37	7.27	32.9	920	5.80	0.17	2.37	0.54	77.5	13.7	73	23.1	21.9	3.82
479182		0.78	0.50	8.41	65.6	950	7.99	0.25	0.73	0.80	100.0	18.1	91	34.8	28.5	4.34
479183		1.59	0.31	6.70	25.4	810	5.55	0.33	1.09	0.33	171.0	6.2	25	9.45	11.6	2.29
479184		1.24	1.48	6.07	35.4	630	4.69	0.19	1.33	0.44	85.8	10.3	54	14.65	19.5	2.80
479185		1.33	0.37	6.32	28.2	770	4.72	0.14	1.23	0.55	70.7	12.7	67	16.25	18.4	3.09
479186		1.04	0.44	7.78	28.3	1000	6.36	0.21	0.74	0.92	82.3	14.2	87	25.3	26.9	3.45
479187		1.47	0.37	7.84	21.6	1120	6.39	0.20	0.62	1.05	83.0	14.7	91	25.0	26.3	3.56
479188		1.32	0.46	8.48	35.0	990	6.03	0.24	1.46	0.67	86.8	18.5	102	27.8	35.0	4.52
479189		1.39	0.39	8.16	22.0	810	4.92	0.19	2.12	0.55	79.7	21.9	107	20.6	33.9	5.14
479190		1.65	0.44	8.26	33.4	740	5.61	0.16	2.55	0.49	83.5	21.9	101	18.40	32.6	5.59
479191		1.33	0.37	8.41	24.5	860	5.22	0.23	1.48	0.60	82.1	19.1	99	20.7	34.0	4.40
479192		1.46	0.44	7.73	30.5	930	4.59	0.21	1.10	0.53	78.3	19.1	94	18.90	31.7	3.97
479193		1.36	0.39	8.50	20.2	1030	6.03	0.26	0.89	0.76	88.1	18.1	96	23.9	32.3	3.95
479194		1.51	0.38	8.18	22.5	1010	5.63	0.21	1.28	0.70	83.6	18.3	95	22.2	34.1	4.22
479195		1.57	0.79	6.48	29.6	620	3.93	0.06	0.20	0.25	202	1.2	1	8.87	5.3	1.95
479196		1.40	0.36	8.04	23.7	900	7.25	0.23	0.92	0.66	93.2	17.1	90	25.1	31.8	3.91





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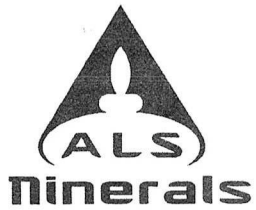
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 275 ALSEK RD  
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 Account: TFI

Project: Canyon Gold

**CERTIFICATE OF ANALYSIS WH10112967**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
		0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
479176		19.85	0.20	3.8	0.50	0.071	2.37	48.6	78.4	0.95	506	2.63	0.20	23.6	40.3	1020
479177		15.90	0.17	2.6	0.45	0.059	2.55	38.1	96.1	1.90	671	0.84	0.18	15.1	33.6	820
479178		4.48	0.07	0.7	0.12	0.011	1.00	14.0	58.1	4.26	277	0.40	0.05	3.1	8.7	580
479179		3.69	0.05	0.6	0.09	0.008	0.71	12.1	88.0	4.41	186	0.35	0.04	2.3	6.6	520
479180		5.29	0.06	0.8	0.16	0.008	1.44	14.8	62.4	1.44	150	0.44	0.06	3.5	11.4	110
479181		18.65	0.16	3.4	0.29	0.063	2.43	42.1	97.4	1.46	623	1.56	0.36	23.7	36.0	1170
479182		23.8	0.20	4.2	0.41	0.087	2.94	53.8	55.7	0.99	539	4.11	0.37	24.3	46.3	1160
479183		22.8	0.21	8.1	0.24	0.107	2.18	89.3	66.6	0.53	445	5.54	0.34	39.8	17.2	390
479184		17.05	0.17	3.9	0.19	0.060	1.92	44.8	68.5	0.86	482	2.48	0.24	19.5	29.7	1390
479185		16.45	0.19	2.9	0.44	0.054	1.99	38.4	93.1	0.88	574	1.04	0.43	19.0	35.8	930
479186		20.8	0.18	3.4	0.50	0.069	2.68	43.8	73.8	0.86	506	1.52	0.41	21.2	43.4	970
479187		20.8	0.19	3.3	0.38	0.073	2.88	45.4	78.1	0.86	499	1.46	0.34	18.9	44.9	700
479188		22.1	0.21	3.4	0.50	0.074	2.45	46.7	85.3	1.50	748	2.96	0.55	22.2	54.3	1120
479189		20.1	0.19	3.4	0.39	0.076	2.14	42.4	60.9	1.74	857	2.60	0.86	29.8	60.2	1430
479190		19.95	0.21	3.6	0.57	0.077	2.15	45.2	118.5	1.90	902	3.28	0.98	33.5	57.5	1500
479191		21.3	0.19	3.3	0.44	0.074	2.17	44.7	91.8	1.30	668	2.69	0.66	23.8	55.4	1020
479192		20.2	0.19	2.9	0.30	0.069	1.98	42.6	69.0	1.09	566	2.84	0.69	20.2	59.6	930
479193		22.9	0.21	3.6	0.43	0.079	2.40	47.5	68.8	1.03	572	2.45	0.67	23.7	55.8	910
479194		21.1	0.20	3.2	0.40	0.073	2.42	45.1	61.7	1.21	641	2.78	0.60	22.9	52.6	1010
479195		26.3	0.25	8.3	0.23	0.117	3.18	109.0	42.2	0.18	299	2.39	0.14	43.9	3.4	140
479196		22.6	0.23	3.7	0.36	0.076	2.49	49.6	60.7	1.04	570	4.69	0.63	22.9	49.3	890



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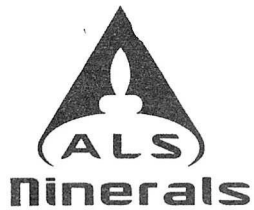
o: CARLOS, ALLEN  
 275 ALSEK RD  
 WHITEHORSE YT Y1A 4T1

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Project: Canyon Gold

**CERTIFICATE OF ANALYSIS WH10112967**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
479176		19.6	184.5	<0.002	0.10	6.70	12.2	3	3.7	157.5	1.61	<0.05	13.8	0.488	0.97	4.1
479177		16.1	185.0	<0.002	0.18	4.16	11.2	2	2.6	230	1.06	<0.05	11.0	0.400	1.02	3.2
479178		5.1	57.0	<0.002	0.14	4.63	2.3	2	0.7	487	0.24	<0.05	3.1	0.071	0.52	0.9
479179		4.7	47.9	<0.002	0.17	4.82	2.0	3	0.6	473	0.18	<0.05	2.5	0.052	0.48	0.8
479180		6.4	84.6	<0.002	0.21	6.23	2.3	2	0.8	296	0.26	<0.05	3.3	0.081	0.96	0.9
479181		14.9	181.5	<0.002	0.14	5.33	12.0	3	2.8	202	1.58	<0.05	11.5	0.537	1.02	3.4
479182		24.7	248	<0.002	0.42	12.15	15.2	3	4.0	144.0	1.68	0.06	16.1	0.547	1.42	4.7
479183		32.7	152.0	0.002	0.09	4.23	6.7	3	7.9	150.0	2.77	<0.05	28.1	0.272	0.86	8.1
479184		21.0	148.0	<0.002	0.13	3.70	9.8	3	3.5	120.0	1.38	<0.05	13.8	0.351	0.84	4.2
479185		16.5	155.5	<0.002	0.14	4.51	11.6	2	2.5	117.0	1.29	<0.05	10.9	0.443	0.92	3.3
479186		20.5	212	0.002	0.17	5.12	14.3	3	3.2	126.5	1.47	0.05	13.7	0.495	1.28	4.2
479187		20.4	223	0.002	0.16	4.43	14.5	3	3.3	125.5	1.34	<0.05	14.1	0.475	1.31	4.2
479188		20.2	181.5	0.002	0.19	5.91	16.3	3	3.4	193.5	1.52	<0.05	13.9	0.540	1.06	4.1
479189		15.2	132.5	<0.002	0.13	4.85	15.3	3	2.8	260	1.97	0.05	11.1	0.704	0.85	3.3
479190		13.7	140.0	<0.002	0.22	5.79	15.0	3	2.7	312	2.16	<0.05	10.7	0.774	0.85	3.1
479191		19.3	146.5	<0.002	0.13	4.75	15.9	3	3.1	216	1.63	0.06	13.0	0.576	0.92	3.9
479192		22.0	139.5	<0.002	0.12	4.99	14.7	3	3.1	161.5	1.36	0.06	12.3	0.487	0.91	3.7
479193		24.7	173.0	0.002	0.18	4.48	15.9	3	3.5	163.5	1.66	0.05	14.6	0.561	1.06	5.1
479194		18.1	164.5	<0.002	0.14	4.34	15.4	3	3.0	188.5	1.57	0.05	12.8	0.556	1.01	3.6
479195		37.9	187.5	0.002	0.16	2.29	3.2	3	6.5	48.1	2.76	<0.05	27.0	0.146	0.99	5.5
479196		20.0	184.5	0.002	0.13	3.81	15.3	3	3.6	142.0	1.54	0.06	14.3	0.486	1.04	4.1



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Au-AA24
		V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5	Au ppm 0.005
479176		118	5.7	31.4	121	120.0	0.008
479177		107	5.4	23.3	118	81.6	0.006
479178		34	1.4	9.4	27	20.8	0.005
479179		32	1.2	7.6	17	16.6	<0.005
479180		32	1.7	6.6	24	22.1	0.050
479181		124	4.5	26.0	97	114.5	0.010
479182		151	6.4	31.5	142	130.0	0.017
479183		45	2.7	72.3	111	245	0.005
479184		91	8.4	37.7	93	115.5	0.007
479185		111	3.6	23.3	99	93.6	0.006
479186		142	4.0	26.9	136	108.0	0.009
479187		143	3.9	24.7	150	103.5	0.005
479188		155	5.0	28.0	129	107.0	0.011
479189		152	4.1	26.1	116	113.5	0.008
479190		153	4.5	27.2	110	124.5	0.010
479191		154	4.1	26.2	126	108.5	0.007
479192		134	3.7	23.6	114	93.5	0.009
479193		150	4.1	27.6	132	115.5	0.008
479194		148	4.0	25.8	137	103.0	0.008
479195		4	7.3	58.5	89	252	0.020
479196		137	4.3	29.8	139	114.5	0.016



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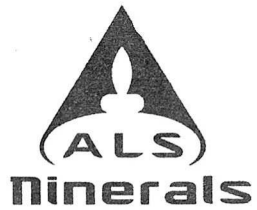
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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
479197		1.28	<0.005	0.17	6.50	4.5	730	4.46	0.18	0.34	0.30	205	1.6	4	8.85	4.9
479198		1.19	0.019	0.47	8.06	29.5	1020	7.92	0.23	1.02	0.54	112.0	12.5	77	20.1	37.9
479199		2.07	0.014	0.27	4.37	17.7	630	3.21	0.07	1.36	0.35	43.0	7.5	45	3.38	7.7
479200		1.74	0.013	0.35	7.70	25.5	760	7.46	0.25	0.97	0.46	114.5	13.8	66	21.5	27.3
479201		0.63	0.006	0.61	7.44	11.5	710	6.46	0.24	0.84	0.43	129.0	14.2	64	20.0	28.5
479202		1.36	0.007	0.31	8.41	22.5	1000	6.10	0.25	0.78	0.82	88.5	16.2	91	25.7	31.1
479203		1.56	0.009	0.36	8.42	21.6	1030	5.69	0.25	0.47	0.93	85.4	15.3	90	26.0	30.2
479204		1.71	0.006	0.31	7.32	19.2	920	4.88	0.20	0.52	0.75	84.8	14.2	76	19.35	25.4
479205		1.13	0.009	0.43	9.36	45.8	1180	4.52	0.31	0.76	1.33	100.5	16.0	100	21.1	37.1
479206		1.26	0.005	0.37	8.96	13.4	1260	4.46	0.27	0.27	1.20	96.9	15.1	96	19.80	29.7
479207		1.60	0.007	0.32	7.56	14.2	1050	4.10	0.26	0.69	0.75	77.0	15.3	77	15.40	27.6
479208		1.78	0.008	0.24	7.39	17.8	920	3.18	0.20	1.21	0.60	72.4	14.6	76	13.50	26.2
479209		1.18	0.009	0.30	8.12	28.3	900	3.90	0.22	0.92	0.76	83.7	17.2	87	19.90	29.8
479210		1.05	0.008	0.29	7.95	16.8	900	3.89	0.22	0.78	0.70	83.0	15.9	87	20.5	30.0
479211		1.64	0.005	0.36	8.68	17.0	890	3.25	0.27	1.15	0.79	92.3	16.3	94	19.50	36.3
479212		0.76	0.008	0.34	8.36	18.0	940	3.27	0.25	1.05	0.70	88.9	15.3	91	18.05	33.3
479213		0.72	0.006	0.35	7.76	16.6	850	2.96	0.24	2.66	0.55	85.0	13.6	89	14.00	30.6
479214		1.63	0.012	0.30	6.93	29.1	860	3.32	0.19	2.40	0.58	74.8	12.2	70	17.85	25.0
479215		1.49	0.005	0.29	8.04	17.3	1010	3.13	0.24	0.89	0.87	87.1	15.0	88	17.75	31.4
479216		1.72	<0.005	0.16	5.95	3.5	530	2.99	0.27	3.10	0.18	166.0	5.1	14	3.11	8.3
479217		1.27	<0.005	0.10	6.60	2.8	520	3.68	0.31	1.55	0.11	183.0	4.1	14	3.05	8.0



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		Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm
		0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
479197		1.94	25.7	0.24	8.1	0.24	0.122	3.35	93.6	38.7	0.23	336	1.46	0.19	47.9	5.4
479198		3.20	22.6	0.20	4.4	0.44	0.086	2.97	52.5	46.3	0.78	404	2.01	0.91	28.6	39.9
479199		1.26	9.16	0.14	2.0	0.31	0.027	1.31	21.4	73.1	0.31	180	0.25	1.08	11.2	23.3
479200		4.08	21.5	0.23	4.6	0.25	0.086	2.70	53.3	46.8	0.79	831	3.14	0.87	30.6	40.8
479201		4.10	24.4	0.24	4.8	0.22	0.090	2.46	60.1	47.3	0.79	785	5.55	0.51	33.9	39.3
479202		4.15	22.2	0.15	3.6	0.35	0.077	2.31	42.2	99.2	0.97	595	2.73	0.43	22.2	51.8
479203		3.45	22.7	0.19	3.7	0.30	0.075	2.50	40.3	99.6	0.77	448	2.18	0.36	20.2	50.7
479204		3.27	20.2	0.19	3.4	0.20	0.064	2.10	40.1	130.0	0.68	401	2.21	0.37	19.2	44.7
479205		3.25	26.0	0.21	4.2	0.30	0.083	2.37	47.3	124.5	0.73	389	3.51	0.37	22.9	58.6
479206		2.69	24.4	0.19	3.9	0.22	0.077	2.55	45.7	112.0	0.60	340	2.30	0.33	20.8	50.5
479207		3.36	19.95	0.20	3.1	0.19	0.063	2.26	36.8	73.3	0.80	471	1.67	0.56	17.8	46.3
479208		3.59	18.80	0.19	2.9	0.20	0.059	1.87	34.6	55.4	0.96	676	2.39	0.60	17.3	44.8
479209		4.07	21.2	0.21	3.6	0.31	0.073	2.10	39.2	57.1	1.05	601	2.21	0.56	21.1	49.3
479210		3.85	21.1	0.19	3.5	0.28	0.073	2.11	39.2	55.0	0.95	579	2.45	0.53	20.6	48.9
479211		4.53	24.0	0.21	4.0	0.26	0.083	2.17	45.5	59.0	1.15	694	2.14	0.69	22.8	56.8
479212		4.35	22.8	0.23	3.8	0.25	0.078	2.16	43.9	73.4	1.02	654	2.04	0.56	20.9	54.7
479213		4.32	20.6	0.21	3.7	0.27	0.076	2.03	40.8	50.9	1.31	759	3.07	0.59	19.4	48.6
479214		3.57	18.35	0.19	3.1	0.28	0.066	2.17	37.1	43.1	1.38	602	1.48	0.39	16.3	41.2
479215		4.13	22.7	0.23	3.6	0.25	0.080	2.16	43.1	55.8	0.96	668	1.98	0.52	19.3	51.7
479216		2.87	21.2	0.27	7.4	0.07	0.098	1.78	79.7	40.1	0.45	856	1.45	0.64	35.8	9.8
479217		2.36	23.7	0.28	8.5	0.06	0.109	2.02	88.0	37.9	0.42	499	1.55	0.78	39.9	7.9



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**CERTIFICATE OF ANALYSIS WH10112969**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		P ppm 10	Pb ppm 0.5	Rb ppm 0.1	Re ppm 0.002	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 1	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.05	Te ppm 0.05	Th ppm 0.2	Ti % 0.005	Tl ppm 0.02
479197		160	31.0	197.5	<0.002	0.04	1.69	3.9	3	6.8	62.2	2.86	<0.05	24.2	0.166	0.95
479198		770	23.9	214	<0.002	0.29	4.51	13.8	3	4.3	153.5	1.91	0.05	15.3	0.446	1.09
479199		260	9.3	83.1	<0.002	0.09	2.52	7.8	3	1.8	137.0	0.77	<0.05	6.6	0.280	0.50
479200		1160	23.7	209	<0.002	0.15	3.59	13.1	3	4.5	129.0	2.05	0.05	15.9	0.454	1.03
479201		600	21.4	175.5	<0.002	0.12	3.15	12.6	3	5.1	128.5	2.20	0.06	17.2	0.398	0.93
479202		900	22.3	169.0	<0.002	0.16	5.88	16.6	3	3.8	142.0	1.58	0.05	14.2	0.511	1.08
479203		800	23.0	189.5	<0.002	0.13	4.78	16.5	3	3.7	128.0	1.46	0.05	14.1	0.483	1.19
479204		950	21.2	155.5	<0.002	0.14	4.11	13.8	3	3.4	115.5	1.39	<0.05	12.9	0.391	0.99
479205		2300	28.4	170.5	<0.002	0.35	5.37	19.1	5	4.2	148.5	1.68	0.06	16.5	0.508	1.32
479206		600	26.1	181.5	<0.002	0.13	4.13	16.3	4	4.0	120.5	1.52	0.05	15.6	0.480	1.10
479207		730	19.9	153.5	<0.002	0.13	3.16	15.1	3	3.1	128.0	1.24	0.05	12.0	0.431	0.91
479208		730	19.3	121.0	<0.002	0.10	2.90	14.0	3	2.9	142.5	1.20	0.05	11.0	0.406	0.77
479209		950	23.4	152.0	<0.002	0.20	3.87	16.2	4	3.6	159.0	1.46	<0.05	12.7	0.506	0.88
479210		990	20.6	151.5	<0.002	0.11	3.23	15.7	3	3.5	144.0	1.45	<0.05	12.8	0.466	0.87
479211		1050	20.7	144.0	0.002	0.10	3.54	16.5	3	3.6	184.0	1.58	0.05	13.5	0.564	0.88
479212		1140	20.1	142.5	0.002	0.12	3.10	15.7	3	3.4	164.5	1.44	0.05	13.6	0.522	0.89
479213		950	19.9	116.0	0.002	0.11	2.52	13.7	2	3.5	222	1.34	0.05	12.1	0.447	0.75
479214		1220	17.6	143.5	0.002	0.16	3.30	12.2	2	3.0	201	1.16	<0.05	11.0	0.407	0.88
479215		910	20.6	146.5	0.002	0.11	3.01	15.1	2	3.6	146.0	1.32	0.05	13.1	0.472	0.87
479216		320	26.1	106.0	0.002	0.01	0.73	5.3	2	7.1	293	2.47	<0.05	22.8	0.244	0.57
479217		240	28.3	127.0	0.002	0.01	0.75	5.8	2	8.1	199.0	2.75	<0.05	25.5	0.277	0.64



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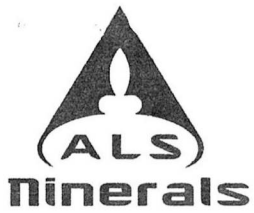
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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.1	1	0.1	0.1	2	0.5
479197		4.3	8	2.7	56.7	113	259
479198		3.9	115	4.1	33.0	117	149.5
479199		2.0	53	2.5	12.7	65	65.0
479200		4.2	107	4.8	34.5	109	152.5
479201		4.1	91	7.1	35.4	101	156.5
479202		4.3	157	5.0	26.3	129	122.0
479203		4.3	156	4.4	25.2	147	120.5
479204		3.9	130	3.6	25.5	119	113.0
479205		5.3	184	4.0	34.2	169	141.0
479206		4.8	164	3.8	24.3	162	129.5
479207		3.5	128	3.1	22.4	134	110.5
479208		3.2	118	2.9	23.5	110	101.0
479209		3.8	142	3.5	26.5	135	122.5
479210		3.9	138	3.5	26.8	130	119.5
479211		4.1	153	3.6	29.3	162	128.0
479212		4.1	148	3.9	28.5	134	118.5
479213		3.6	124	5.3	28.8	121	115.0
479214		3.4	121	3.4	25.8	114	95.2
479215		4.0	141	3.8	27.0	149	112.5
479216		7.2	29	1.5	65.5	104	217
479217		7.8	31	1.8	72.8	90	245



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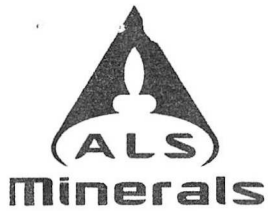
Project: Canyon Gold

**CERTIFICATE OF ANALYSIS WH10112966**

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
479151		1.66	<0.005	0.11	6.54	5.3	550	0.99	0.06	2.00	0.06	33.9	7.2	15	3.51	21.1
479152		0.92	<0.005	0.18	7.06	16.6	930	1.72	0.18	2.68	0.26	67.6	12.1	57	5.65	26.6
479153		0.35	<0.005	0.04	3.41	6.7	860	0.56	0.16	2.98	0.05	47.3	2.6	12	0.58	10.0
479154		1.49	<0.005	0.19	6.97	18.7	980	1.77	0.19	2.27	0.20	74.5	11.3	59	6.14	25.7
479155		0.52	<0.005	0.12	6.35	4.8	810	1.02	0.03	1.61	0.03	39.4	5.2	4	4.25	5.4
479156		0.63	<0.005	0.17	7.26	13.3	1140	1.69	0.17	2.46	0.34	73.3	12.0	55	5.68	26.9
479157		0.47	<0.005	0.05	6.55	4.5	830	1.11	0.06	2.27	0.05	41.8	6.8	14	4.52	10.5
479158		2.77	<0.005	0.15	6.86	14.9	1070	1.99	0.22	2.05	0.33	76.9	11.7	62	5.45	23.5
479159		1.84	<0.005	0.13	6.41	4.9	760	1.58	0.19	2.10	0.09	61.1	11.7	70	2.69	21.4
479160		1.16	<0.005	0.20	7.27	11.1	1020	2.41	0.23	2.24	0.33	81.0	13.8	81	10.75	27.0
479161		1.25	<0.005	0.18	6.71	11.4	1110	1.97	0.20	2.41	0.30	73.7	14.2	75	6.51	26.7
479162		1.18	<0.005	0.16	6.56	3.9	770	1.30	0.11	2.81	0.10	52.2	15.8	129	2.48	28.2
479163		1.75	0.005	0.18	6.91	9.2	1040	2.31	0.24	1.90	0.25	94.1	10.9	64	5.70	22.5
479164		1.26	<0.005	0.17	6.57	12.8	970	2.04	0.19	2.32	0.27	76.6	13.0	69	5.39	26.3
479165		1.71	<0.005	0.17	6.33	11.7	850	1.94	0.17	2.24	0.26	68.9	12.8	66	5.38	25.8
479166		1.23	<0.005	0.52	6.76	9.4	1120	2.14	0.26	2.26	0.22	74.5	13.1	80	5.43	25.2
479167		0.87	<0.005	0.20	7.01	7.8	1150	2.69	0.36	1.34	0.23	115.0	11.6	56	6.63	24.3
479168		1.70	<0.005	0.16	7.37	14.0	1120	2.64	0.23	2.33	0.26	86.7	17.0	72	7.28	25.0
479169		1.38	<0.005	0.15	7.10	16.0	1280	2.44	0.21	2.55	0.25	80.0	14.9	69	6.44	24.8
479170		1.60	<0.005	0.24	7.39	12.4	1120	2.55	0.24	2.18	0.28	91.8	14.0	71	6.32	23.8
479171		1.49	0.005	0.24	7.38	12.3	1040	2.22	0.19	2.44	0.27	74.9	15.7	82	6.75	25.1
479172		1.78	<0.005	0.22	7.42	13.2	1050	2.19	0.22	2.40	0.30	73.8	15.2	82	6.48	27.0
479173		1.38	<0.005	0.29	7.56	8.8	980	1.83	0.16	3.68	0.25	71.2	17.7	85	7.28	26.0
479174		1.70	<0.005	0.26	7.40	15.1	1090	2.00	0.21	2.70	0.30	71.5	17.6	94	6.05	27.5
479175		1.32	<0.005	0.22	7.39	22.7	1260	2.13	0.21	2.78	0.29	76.5	15.6	80	6.03	27.9

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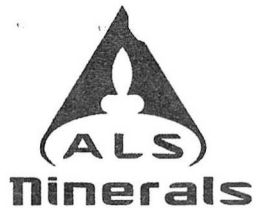
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**CERTIFICATE OF ANALYSIS WH10112966**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm
		0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
479151		2.65	14.75	0.13	1.0	0.73	0.040	1.60	15.7	30.1	0.77	523	0.72	0.98	7.7	6.3
479152		3.43	17.20	0.19	2.1	0.59	0.052	2.01	33.6	30.9	1.31	724	1.45	1.03	11.8	28.7
479153		1.14	7.06	0.12	1.4	0.16	0.010	1.63	23.4	14.6	0.31	463	0.22	1.01	4.0	5.1
479154		3.37	17.20	0.21	2.2	0.29	0.049	1.98	37.4	29.9	1.34	707	1.55	0.95	11.5	29.0
479155		2.25	14.90	0.16	0.9	0.60	0.039	1.81	18.7	23.4	0.56	428	0.45	1.07	7.7	4.0
479156		3.61	17.65	0.21	2.3	0.70	0.055	2.25	35.7	29.0	1.25	760	1.65	1.06	12.3	27.8
479157		2.61	14.85	0.19	0.9	0.45	0.036	1.60	20.7	22.0	0.68	562	0.42	1.49	7.8	7.1
479158		3.47	17.65	0.22	2.7	0.21	0.059	2.11	37.6	30.5	1.18	596	1.36	1.04	14.0	31.8
479159		3.00	16.50	0.18	2.4	0.14	0.047	2.29	28.4	23.1	1.52	556	0.71	1.56	11.8	23.1
479160		3.97	18.50	0.22	3.4	0.29	0.067	2.06	39.7	36.9	1.45	677	1.87	0.95	16.3	46.0
479161		3.59	17.00	0.22	3.0	0.15	0.060	1.93	36.3	32.6	1.34	652	1.71	0.86	13.2	43.1
479162		3.58	15.10	0.18	1.7	0.13	0.041	1.81	25.4	26.2	2.10	644	0.73	1.59	7.8	39.5
479163		3.21	17.85	0.23	3.7	0.16	0.072	2.12	46.7	32.1	1.22	586	1.63	1.24	18.4	35.1
479164		3.51	16.70	0.22	2.9	0.19	0.058	1.94	38.2	32.6	1.34	691	1.62	0.91	14.8	38.6
479165		3.49	15.45	0.20	2.8	0.13	0.054	1.75	33.9	33.1	1.34	663	1.73	0.86	14.7	37.4
479166		3.32	17.35	0.21	2.9	0.23	0.064	2.07	36.7	33.5	1.26	582	1.28	1.08	14.9	43.6
479167		2.92	21.9	0.19	3.8	0.18	0.084	2.66	62.1	39.0	1.11	437	1.86	1.18	24.8	36.7
479168		3.89	22.3	0.21	3.0	0.15	0.078	2.19	42.9	41.9	1.39	685	1.93	1.07	20.7	42.6
479169		3.60	20.3	0.20	2.8	0.22	0.071	2.11	39.7	40.0	1.35	727	1.64	1.03	18.6	38.8
479170		3.71	19.50	0.16	3.6	0.14	0.070	2.24	49.4	39.6	1.37	693	2.19	1.05	18.9	41.1
479171		4.09	17.90	0.17	3.2	0.13	0.060	1.98	40.5	40.9	1.52	698	1.94	1.02	18.2	43.7
479172		4.15	18.25	0.17	3.1	0.12	0.065	2.03	38.8	41.0	1.54	734	1.90	1.01	16.7	44.2
479173		5.01	17.00	0.15	3.0	0.11	0.066	1.86	38.2	40.5	2.08	1020	1.92	1.33	24.3	44.1
479174		4.31	17.90	0.17	3.1	0.12	0.061	1.92	38.3	41.5	1.72	756	2.09	1.12	18.8	46.4
479175		4.08	18.10	0.19	3.0	0.19	0.063	1.94	41.4	41.5	1.55	810	2.03	1.04	17.8	41.7

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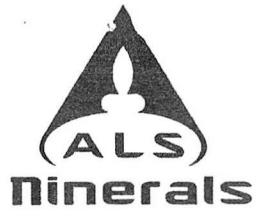
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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm
		10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
479151		280	6.2	55.9	<0.002	0.14	4.47	13.4	1	1.1	188.5	0.60	<0.05	5.9	0.213	0.34
479152		600	16.8	91.3	0.002	0.22	2.82	12.8	2	2.2	227	0.84	<0.05	11.6	0.321	0.50
479153		90	13.9	50.7	<0.002	0.16	0.84	2.9	1	0.8	208	0.34	<0.05	10.7	0.101	0.29
479154		590	18.8	97.0	0.002	0.21	2.56	11.8	1	2.2	211	0.83	<0.05	12.9	0.294	0.53
479155		230	6.3	76.0	<0.002	0.14	3.01	11.2	1	1.1	186.0	0.61	<0.05	6.9	0.169	0.39
479156		800	21.2	95.5	0.002	0.27	2.49	12.9	2	2.3	222	0.86	<0.05	12.3	0.335	0.62
479157		290	6.9	72.7	0.002	0.12	3.11	11.8	1	1.2	210	0.58	<0.05	7.3	0.206	0.35
479158		650	25.8	99.9	0.002	0.16	1.67	12.4	2	2.4	217	0.96	<0.05	11.6	0.341	0.57
479159		460	16.2	96.7	0.002	0.18	0.51	11.6	1	2.1	153.0	0.85	<0.05	10.8	0.286	0.55
479160		890	18.5	107.0	0.002	0.19	1.84	13.5	2	2.9	251	1.13	<0.05	11.3	0.434	0.62
479161		810	17.3	98.7	0.003	0.18	1.55	12.6	2	2.4	251	0.90	<0.05	10.6	0.392	0.58
479162		560	13.8	78.9	<0.002	0.12	0.49	15.5	1	1.7	242	0.57	<0.05	8.9	0.267	0.40
479163		650	17.5	98.6	0.003	0.16	1.38	11.1	2	3.4	219	1.22	<0.05	12.8	0.336	0.64
479164		750	15.9	95.4	0.002	0.16	1.43	11.9	2	2.5	241	1.02	<0.05	11.0	0.383	0.55
479165		800	13.8	86.7	0.002	0.16	1.36	11.6	2	2.2	240	1.02	<0.05	9.8	0.398	0.52
479166		630	20.0	98.1	0.003	0.13	1.37	12.3	2	3.0	257	1.08	<0.05	11.3	0.360	0.56
479167		500	26.1	121.5	<0.002	0.11	1.37	11.7	2	4.1	185.5	1.61	<0.05	17.1	0.305	0.65
479168		870	19.7	114.5	0.002	0.16	1.61	15.2	3	3.2	276	1.27	<0.05	12.4	0.427	0.62
479169		760	18.2	104.5	<0.002	0.17	1.57	14.0	2	2.9	273	1.15	<0.05	11.7	0.398	0.59
479170		790	20.4	104.0	0.002	0.17	1.68	12.6	2	3.2	250	1.30	<0.05	14.2	0.411	0.68
479171		990	17.2	90.9	0.002	0.17	1.59	12.9	3	2.5	285	1.25	<0.05	12.0	0.482	0.61
479172		1000	17.6	91.4	0.002	0.18	1.61	13.2	2	2.6	267	1.15	<0.05	12.1	0.465	0.61
479173		1330	13.6	75.2	<0.002	0.17	1.43	13.1	2	2.3	379	1.61	<0.05	9.8	0.624	0.50
479174		1050	16.0	87.3	0.002	0.18	1.70	13.4	2	2.5	290	1.33	<0.05	11.4	0.497	0.56
479175		940	18.9	93.6	0.002	0.24	2.08	13.6	2	2.6	295	1.23	<0.05	12.6	0.450	0.65



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Project: Canyon Gold

**CERTIFICATE OF ANALYSIS WH10112966**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.1	1	0.1	0.1	2	0.5
479151		1.5	54	2.0	15.9	44	22.1
479152		3.2	84	2.0	17.6	77	69.7
479153		1.4	18	0.6	8.4	15	43.5
479154		3.0	79	2.1	17.0	78	70.3
479155		1.2	33	1.9	17.3	42	18.4
479156		3.6	88	2.0	18.2	93	79.0
479157		1.5	45	1.2	16.3	46	23.9
479158		3.1	82	2.1	21.6	121	91.3
479159		2.2	71	1.5	16.1	61	71.0
479160		3.3	100	2.5	25.4	96	117.0
479161		2.9	97	2.1	22.1	87	108.0
479162		1.8	96	1.4	13.0	60	47.3
479163		3.3	75	2.3	26.3	88	121.5
479164		2.9	86	2.1	22.1	88	101.5
479165		2.6	88	1.9	20.8	81	98.4
479166		3.1	84	4.5	24.5	77	98.0
479167		4.3	69	2.5	34.4	89	127.0
479168		3.1	95	2.4	26.9	93	121.5
479169		3.0	88	2.4	24.7	90	110.5
479170		3.8	90	2.4	28.5	92	113.0
479171		3.2	105	2.3	24.5	89	104.0
479172		3.3	108	2.3	24.1	95	102.5
479173		2.7	119	1.9	23.6	87	103.5
479174		3.1	111	2.4	23.2	95	97.0
479175		3.3	103	2.4	24.0	91	99.8

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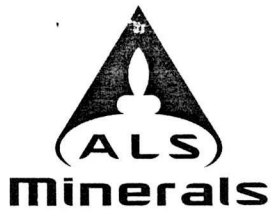
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Project: Canyon Gold

**CERTIFICATE OF ANALYSIS WH10112968**

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
479218		1.56	<0.005	0.16	6.91	10.9	870	2.01	0.22	2.01	0.09	82.6	13.0	47	4.28	21.3
479219		1.01	<0.005	0.12	6.76	8.0	870	2.08	0.26	1.71	0.13	82.2	11.9	43	4.00	20.7
479220		1.57	0.005	0.14	7.09	7.7	820	2.02	0.25	2.04	0.14	81.4	11.6	50	4.11	21.9
479221		0.52	<0.005	0.10	6.51	6.5	820	1.60	0.17	2.37	0.06	71.3	9.0	35	3.37	17.0
479222		1.25	<0.005	0.11	6.90	9.4	830	1.91	0.20	1.77	0.08	76.5	11.7	38	4.29	19.4
479223		0.97	<0.005	0.10	7.28	4.3	720	1.69	0.15	2.64	0.08	49.7	14.1	27	4.97	25.3
479224		1.45	0.006	0.09	6.79	10.2	820	2.08	0.20	2.23	0.10	69.7	12.8	41	4.66	22.0
479225		0.95	0.006	0.10	6.92	5.4	810	1.96	0.35	2.49	0.08	67.4	11.8	37	4.97	21.4
479226		1.34	<0.005	0.07	7.15	5.9	800	1.87	0.19	1.89	0.09	83.3	11.4	43	4.33	22.2
479227		1.48	<0.005	0.10	7.46	8.3	880	2.14	0.22	1.74	0.12	98.3	11.2	49	5.12	20.1
479228		1.16	0.008	0.11	6.97	8.2	910	2.46	0.31	2.20	0.13	83.8	11.1	47	5.10	19.7
479229		2.18	0.013	0.19	7.21	5.5	1170	3.14	1.22	2.21	0.11	97.1	10.2	39	4.49	18.7
479230		1.51	0.008	0.15	6.96	8.9	1130	2.77	0.61	2.32	0.22	85.9	9.8	41	4.61	19.1
479231		1.58	0.009	0.16	6.78	4.7	1140	2.92	0.84	2.68	0.10	97.3	10.1	29	4.07	19.0
479232		1.60	0.013	0.12	6.75	4.3	1030	2.67	1.32	2.47	0.21	70.5	12.0	37	4.68	22.2
479233		1.54	0.009	0.27	7.24	3.2	1000	3.28	1.54	2.44	0.07	87.8	10.5	28	4.69	23.2
479234		1.34	0.005	0.10	6.82	4.4	1030	2.13	0.33	2.67	0.09	67.3	10.9	35	4.38	20.7
479235		1.10	0.007	0.10	6.97	3.0	920	1.95	0.32	2.78	0.08	59.4	11.7	36	4.22	26.3
479236		1.70	<0.005	0.10	7.12	4.7	820	1.85	0.22	3.03	0.12	69.4	13.2	40	4.67	26.2
479237		1.27	<0.005	0.07	6.96	4.7	900	1.60	0.16	2.79	0.08	54.5	12.6	44	4.27	22.1
479238		1.29	<0.005	0.08	7.15	6.1	970	1.56	0.14	2.94	0.10	61.1	13.5	37	4.98	24.8
479239		1.48	0.005	0.07	6.77	6.2	940	1.98	0.26	2.47	0.11	70.4	11.0	38	6.07	20.5
479240		1.40	<0.005	0.08	7.06	5.8	820	1.99	0.17	2.17	0.10	75.0	11.1	40	4.93	19.2
479241		1.36	<0.005	0.08	7.08	6.2	780	2.09	0.23	2.66	0.08	66.8	11.8	37	4.13	21.0
479242		1.39	<0.005	0.10	6.86	10.1	660	1.98	0.22	2.76	0.38	73.3	14.3	47	4.48	31.4
479243		1.15	<0.005	0.11	6.94	13.7	920	2.13	0.23	2.57	0.08	87.4	12.9	48	5.26	20.4
479244		1.51	0.009	0.09	6.90	7.6	950	2.16	0.24	2.34	0.08	68.0	11.4	41	5.74	20.6
479245		1.27	0.009	0.15	7.22	5.9	980	2.68	0.47	2.35	0.09	87.3	11.9	45	5.23	27.6



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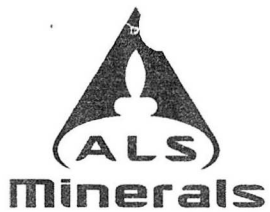
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**CERTIFICATE OF ANALYSIS WH10112968**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm
		0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.01	0.1	0.2	
479218		3.40	18.25	0.19	2.3	0.24	0.046	2.43	43.7	22.6	1.05	559	0.39	1.02	12.2	22.5
479219		3.25	18.60	0.19	2.7	0.41	0.048	2.52	42.7	22.2	0.98	486	0.40	0.96	12.9	22.2
479220		3.34	18.95	0.19	2.3	0.39	0.048	2.41	42.5	21.9	0.99	544	0.52	1.27	13.0	23.0
479221		2.83	16.70	0.16	2.0	0.27	0.042	2.03	37.1	22.0	0.77	536	0.41	1.38	10.4	17.5
479222		3.31	18.30	0.17	2.2	0.26	0.050	2.43	38.6	22.1	0.96	549	0.40	1.13	11.9	19.4
479223		4.03	18.40	0.15	1.4	0.17	0.050	2.06	24.8	21.5	1.18	649	0.60	1.71	11.0	13.5
479224		3.38	17.00	0.16	1.9	0.23	0.048	2.26	31.8	21.6	1.10	554	0.62	1.36	13.0	17.3
479225		3.61	17.15	0.17	1.9	0.27	0.049	2.34	31.6	22.7	1.11	632	0.65	1.34	13.1	15.7
479226		3.44	18.35	0.20	2.1	0.23	0.049	2.36	39.0	21.3	1.02	536	0.43	1.28	13.6	20.9
479227		3.40	19.50	0.19	2.4	0.26	0.052	2.60	46.9	22.2	1.00	498	0.39	1.12	13.5	23.5
479228		3.33	17.75	0.16	2.6	0.22	0.050	2.61	39.4	22.2	1.05	601	0.97	1.31	15.5	23.2
479229		3.51	17.70	0.19	3.0	0.45	0.040	3.46	47.5	18.6	1.05	667	1.44	1.35	23.5	15.0
479230		3.28	17.05	0.18	2.4	0.39	0.044	2.98	41.3	21.8	1.04	643	1.07	1.26	18.4	18.4
479231		3.31	16.25	0.18	2.8	0.44	0.035	3.09	48.5	16.4	1.03	725	1.33	1.48	21.6	12.3
479232		3.59	16.95	0.13	2.4	0.28	0.046	2.79	33.1	18.9	1.21	708	1.12	1.44	18.3	14.7
479233		3.61	17.50	0.18	2.9	0.36	0.042	3.35	42.5	17.3	1.09	700	1.70	1.63	24.6	11.4
479234		3.43	16.40	0.14	1.9	0.25	0.045	2.30	31.4	21.1	1.08	641	0.71	1.51	14.1	14.0
479235		3.80	16.15	0.14	1.8	0.19	0.049	2.45	28.0	19.1	1.29	757	0.81	1.58	13.9	13.3
479236		3.79	16.95	0.17	1.8	0.26	0.051	2.20	32.7	22.4	1.29	720	0.57	1.46	12.3	16.9
479237		3.63	16.45	0.13	1.5	0.15	0.044	2.08	24.7	21.3	1.19	634	0.54	1.72	11.4	16.2
479238		3.67	16.75	0.15	1.6	0.20	0.050	2.03	28.8	21.2	1.20	661	0.50	1.56	10.6	16.2
479239		3.32	17.55	0.17	2.0	0.26	0.048	2.26	31.7	21.2	1.05	612	0.50	1.31	13.1	16.9
479240		3.37	17.60	0.16	1.9	0.21	0.047	2.34	35.2	20.4	1.08	581	0.45	1.28	12.6	17.1
479241		3.66	18.20	0.16	1.8	0.17	0.051	2.26	33.0	23.0	1.13	641	0.48	1.63	11.7	16.0
479242		3.34	17.80	0.15	1.8	0.50	0.049	2.18	33.6	21.6	1.02	595	0.60	1.26	11.4	22.7
479243		3.38	19.50	0.19	2.6	0.18	0.051	2.40	39.3	24.6	1.03	660	0.38	1.21	14.1	22.0
479244		3.48	18.45	0.16	2.1	0.20	0.051	2.46	30.2	22.6	1.07	593	0.48	1.33	14.4	18.7
479245		3.60	19.30	0.16	2.6	0.37	0.049	2.99	40.0	21.9	1.09	664	0.94	1.37	21.0	22.1

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**CERTIFICATE OF ANALYSIS WH10112968**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		P ppm 10	Pb ppm 0.5	Rb ppm 0.1	Re ppm 0.002	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 1	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.05	Te ppm 0.05	Th ppm 0.2	Ti % 0.005	Tl ppm 0.02
479218		450	22.8	121.0	<0.002	0.28	0.93	12.3	2	2.2	192.0	0.93	<0.05	17.6	0.280	0.64
479219		410	26.4	123.0	<0.002	0.27	0.78	10.8	2	2.4	176.0	1.01	<0.05	18.1	0.285	0.65
479220		420	29.4	120.5	<0.002	0.30	1.00	12.4	2	2.3	209	1.02	<0.05	18.4	0.277	0.64
479221		340	18.8	98.7	<0.002	0.16	1.05	10.9	2	1.9	231	0.81	<0.05	15.3	0.234	0.48
479222		410	20.4	112.5	<0.002	0.22	0.84	12.2	2	2.2	181.0	0.93	<0.05	16.0	0.281	0.61
479223		490	12.2	84.0	<0.002	0.13	1.58	16.7	2	1.9	228	0.81	<0.05	10.9	0.300	0.54
479224		430	19.0	105.0	<0.002	0.20	1.71	13.6	2	2.3	212	0.98	<0.05	15.8	0.266	0.62
479225		450	19.3	112.5	<0.002	0.17	1.89	13.9	2	2.5	235	0.99	<0.05	16.0	0.272	0.68
479226		430	19.4	120.0	<0.002	0.23	1.23	12.4	2	2.3	201	1.04	<0.05	16.5	0.290	0.63
479227		450	24.7	137.0	<0.002	0.26	1.09	11.7	2	2.7	196.0	1.07	<0.05	18.5	0.291	0.68
479228		500	24.0	124.0	<0.002	0.26	1.70	10.8	2	3.0	219	1.18	<0.05	20.3	0.270	0.74
479229		580	35.1	152.5	<0.002	0.23	2.47	8.9	2	4.1	223	1.82	0.10	35.1	0.269	0.89
479230		540	31.8	131.0	<0.002	0.27	2.53	9.3	2	3.3	228	1.43	0.07	24.2	0.277	0.79
479231		510	40.3	141.0	<0.002	0.23	2.69	8.4	3	3.9	242	1.76	0.07	33.5	0.241	0.81
479232		510	25.7	120.5	<0.002	0.23	2.49	12.0	2	3.3	229	1.40	0.07	22.7	0.258	0.77
479233		570	69.7	148.5	<0.002	0.20	2.58	10.0	2	4.2	232	1.95	0.19	35.2	0.276	0.93
479234		410	20.9	105.5	<0.002	0.19	2.16	12.9	2	2.5	244	1.12	<0.05	18.3	0.267	0.64
479235		470	14.3	100.0	<0.002	0.14	2.01	14.3	2	2.5	234	1.08	<0.05	16.0	0.274	0.61
479236		430	19.6	103.5	<0.002	0.20	1.80	15.2	2	2.2	244	0.95	<0.05	16.1	0.281	0.58
479237		410	14.1	85.3	<0.002	0.15	1.71	15.0	2	2.0	239	0.89	<0.05	11.5	0.270	0.54
479238		400	14.5	102.0	<0.002	0.17	1.65	16.1	3	1.8	241	0.79	<0.05	12.0	0.271	0.52
479239		410	19.3	109.0	<0.002	0.20	1.71	12.7	2	2.3	221	0.98	<0.05	14.5	0.283	0.59
479240		420	19.8	113.0	<0.002	0.21	1.69	13.2	2	2.2	196.5	0.97	<0.05	15.2	0.278	0.59
479241		410	25.3	104.0	<0.002	0.20	1.23	16.2	1	1.9	214	0.88	<0.05	14.6	0.294	0.56
479242		430	52.9	105.0	<0.002	0.26	1.33	13.6	2	2.1	236	0.89	<0.05	14.1	0.281	0.59
479243		420	24.8	116.0	<0.002	0.22	1.24	13.5	2	2.5	219	1.07	<0.05	17.1	0.287	0.68
479244		460	22.9	99.3	<0.002	0.21	1.60	12.4	2	2.5	225	1.12	<0.05	14.2	0.298	0.65
479245		600	27.4	129.5	<0.002	0.25	2.62	10.8	2	3.5	232	1.56	0.06	23.7	0.314	0.80

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Project: Canyon Gold

**CERTIFICATE OF ANALYSIS WH10112968**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		U	V	W	Y	Zn	Zr
		ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5
479218		3.3	66	2.9	15.6	70	70.3
479219		3.5	61	1.9	15.0	95	81.5
479220		3.3	63	1.9	16.8	76	66.3
479221		2.6	48	2.1	16.1	56	56.2
479222		2.7	66	1.7	15.4	67	67.7
479223		2.5	98	2.0	15.0	67	39.0
479224		3.6	72	2.4	14.7	67	60.1
479225		3.1	78	2.8	14.4	70	62.8
479226		3.1	67	2.1	15.8	72	67.3
479227		3.4	62	2.0	16.5	75	80.1
479228		4.5	63	3.1	15.7	73	86.0
479229		9.5	55	5.9	14.9	78	109.5
479230		6.6	61	4.1	15.3	85	84.4
479231		8.4	49	5.1	14.8	70	97.1
479232		6.2	71	4.4	13.2	79	87.5
479233		9.7	65	7.1	14.9	78	100.5
479234		4.6	74	3.2	13.8	67	63.2
479235		3.8	84	3.4	13.5	68	56.7
479236		4.3	89	2.4	14.5	72	60.1
479237		2.9	87	3.5	13.2	65	47.7
479238		2.6	87	7.3	15.2	70	48.3
479239		3.1	68	2.2	14.9	66	65.1
479240		3.9	69	3.0	14.4	68	61.4
479241		3.4	77	2.0	15.6	78	55.0
479242		3.1	71	1.9	15.1	108	58.5
479243		3.7	68	1.8	15.8	64	85.4
479244		3.1	71	2.2	13.8	71	71.2
479245		5.4	67	4.2	15.2	78	91.4



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Project: Canyon Gold

**CERTIFICATE OF ANALYSIS WH10121226**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
053501		0.78	0.008	0.39	8.17	75.2	1350	2.78	0.31	0.51	0.43	81.8	16.4	85	8.52	34.2
053502		1.99	0.007	0.22	9.12	15.1	1610	3.38	0.32	0.54	0.59	99.0	17.8	97	10.25	39.7
053503		0.12	<0.005	0.14	8.90	14.3	1420	2.85	0.29	1.65	0.46	92.1	23.8	93	8.15	38.7
053504		1.40	<0.005	0.06	6.49	10.4	640	1.46	0.07	3.71	0.19	60.6	26.0	106	2.03	50.3
053505		1.67	<0.005	0.07	6.60	11.4	690	1.61	0.06	3.68	0.18	62.2	23.7	105	1.56	44.5
053506		1.50	<0.005	0.08	7.23	9.1	870	2.20	0.07	3.06	0.19	68.0	26.8	112	2.42	58.2
053507		1.76	0.005	0.13	4.50	12.4	670	1.19	0.14	1.52	0.21	42.6	10.6	59	2.27	31.2
053508		1.98	<0.005	0.12	4.41	8.0	670	1.01	0.13	1.57	0.27	36.6	8.6	69	2.43	22.6
053509		1.50	<0.005	0.12	4.45	5.8	730	1.09	0.12	1.05	0.19	39.1	6.8	50	2.77	18.5
053510		0.89	<0.005	0.13	5.07	5.7	770	1.29	0.17	0.96	0.25	47.9	9.2	59	3.51	22.8
053511		1.61	<0.005	0.19	8.86	7.6	1310	2.47	0.22	0.72	0.52	84.4	15.4	114	8.27	38.2
053512		1.80	<0.005	0.14	4.90	5.3	670	1.30	0.14	1.05	0.34	44.7	9.7	62	3.56	31.4
053513		1.87	<0.005	0.17	4.83	9.6	650	1.25	0.21	1.89	0.39	41.9	11.0	71	3.15	36.8
053514		2.01	<0.005	0.14	4.87	9.5	670	1.23	0.16	1.72	0.39	47.5	10.4	64	3.02	32.6
053515		0.71	<0.005	0.12	7.85	7.7	830	1.69	0.06	4.92	0.21	69.6	34.0	126	1.92	52.9
053516		1.72	<0.005	0.14	4.49	6.2	630	1.09	0.17	1.60	0.32	40.9	8.5	55	2.84	31.2
053517		1.73	<0.005	0.11	5.01	6.8	740	1.22	0.13	1.14	0.23	44.3	8.5	55	2.80	23.2
053518		1.78	<0.005	0.10	4.53	10.1	700	0.87	0.09	1.21	0.14	34.9	5.3	57	1.76	13.5

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 Account: TFI

Project: Canyon Gold

**CERTIFICATE OF ANALYSIS WH10121226**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm
		0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
053501		8.92	21.9	0.25	3.2	0.08	0.088	1.78	40.1	42.0	0.96	3200	5.25	0.77	15.4	56.3
053502		4.75	25.1	0.26	3.9	0.02	0.103	2.18	50.0	37.4	0.93	1530	2.46	0.91	19.7	59.2
053503		6.21	23.6	0.27	3.5	0.02	0.101	1.81	47.0	36.3	1.49	2690	2.86	1.53	28.4	55.0
053504		5.56	15.70	0.20	2.4	0.03	0.063	0.78	31.5	48.2	2.39	984	2.70	2.20	39.9	75.7
053505		5.07	16.15	0.22	2.5	0.03	0.063	0.92	32.7	47.4	2.15	926	2.64	2.12	39.3	74.6
053506		5.51	17.65	0.23	3.0	0.02	0.075	1.10	35.0	62.4	2.27	986	2.73	2.01	39.1	87.2
053507		2.87	11.75	0.16	1.1	0.01	0.044	1.19	21.9	28.0	0.88	527	1.47	0.81	8.4	36.6
053508		2.89	10.60	0.16	1.0	0.01	0.040	1.15	18.8	20.3	0.90	688	1.08	0.78	6.7	39.1
053509		2.29	10.95	0.15	1.2	0.01	0.038	1.14	20.3	20.3	0.64	482	0.84	0.84	6.9	23.0
053510		2.77	12.95	0.16	1.4	0.01	0.045	1.32	24.6	24.6	0.81	489	1.23	0.79	8.2	34.5
053511		4.71	21.1	0.22	2.1	0.01	0.083	2.54	43.6	31.8	1.48	655	2.44	0.99	10.5	56.8
053512		2.83	13.05	0.16	1.3	0.01	0.050	1.29	22.8	24.5	0.86	500	1.10	0.59	7.5	35.1
053513		3.01	12.55	0.17	1.2	0.01	0.047	1.25	21.2	24.8	0.90	656	1.34	0.61	7.0	44.2
053514		2.97	12.75	0.16	1.4	0.01	0.050	1.21	23.7	21.6	0.87	593	1.30	0.83	8.6	36.5
053515		6.88	16.10	0.23	3.2	0.04	0.073	0.70	35.9	68.5	2.90	1280	3.41	2.82	55.0	79.7
053516		2.58	11.80	0.15	1.3	<0.01	0.041	1.11	20.8	21.8	0.79	545	1.20	0.76	7.7	30.2
053517		2.42	12.50	0.15	1.5	<0.01	0.039	1.26	22.4	19.2	0.70	445	1.28	1.02	8.5	30.3
053518		2.28	9.04	0.12	1.3	<0.01	0.030	1.09	18.1	13.6	0.65	492	0.83	1.05	7.1	22.4

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Project: Canyon Gold

**CERTIFICATE OF ANALYSIS WH10121226**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
053501		1260	34.7	101.0	0.003	0.89	4.71	14.7	3	3.3	140.5	1.03	0.09	11.4	0.334	1.11
053502		1150	28.4	116.5	<0.002	0.08	1.68	16.9	3	4.0	178.5	1.32	0.07	15.3	0.433	0.98
053503		1640	22.2	112.5	<0.002	0.17	1.49	17.2	3	3.3	428	1.84	0.09	11.7	0.667	0.82
053504		1930	7.9	45.3	0.002	0.22	1.03	13.7	2	1.5	545	2.49	0.05	4.3	0.871	0.23
053505		1820	8.2	50.1	<0.002	0.25	1.20	13.5	2	1.7	544	2.40	<0.05	4.8	0.812	0.27
053506		1760	10.6	60.5	0.002	0.24	1.30	15.4	2	2.4	476	2.37	<0.05	7.1	0.827	0.31
053507		620	11.2	75.7	0.002	0.04	0.47	8.2	2	1.4	171.5	0.52	0.05	5.8	0.205	0.42
053508		560	12.6	71.1	<0.002	0.04	0.45	7.5	2	1.2	144.0	0.43	0.05	4.9	0.206	0.39
053509		660	11.1	71.3	<0.002	0.04	0.50	6.6	1	1.3	137.0	0.43	<0.05	5.5	0.173	0.41
053510		600	12.6	85.6	<0.002	0.05	0.53	8.6	1	1.6	126.5	0.52	<0.05	6.3	0.243	0.48
053511		1070	17.1	112.5	0.003	0.09	0.58	17.0	2	2.6	114.5	0.68	0.06	12.3	0.367	0.89
053512		580	13.6	90.8	<0.002	0.06	0.41	9.2	1	1.5	110.0	0.48	<0.05	6.4	0.226	0.50
053513		590	15.4	87.1	<0.002	0.08	0.43	8.9	2	1.5	158.5	0.44	0.06	6.0	0.208	0.49
053514		600	13.4	82.5	<0.002	0.08	0.48	9.0	1	1.6	169.0	0.55	<0.05	6.4	0.229	0.47
053515		2690	7.7	30.8	<0.002	0.51	1.87	16.5	2	1.6	732	3.36	<0.05	4.0	1.235	0.17
053516		580	12.9	76.6	0.002	0.05	0.45	7.9	2	1.5	166.0	0.49	<0.05	5.6	0.201	0.44
053517		510	14.2	80.7	<0.002	0.04	0.66	7.1	1	1.7	159.0	0.55	<0.05	6.3	0.205	0.48
053518		520	11.6	55.1	<0.002	0.05	0.63	4.9	1	1.1	161.0	0.43	<0.05	4.8	0.178	0.35

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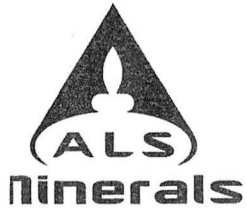
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Project: Canyon Gold

**CERTIFICATE OF ANALYSIS WH10121226**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		U	V	W	Y	Zn	Zr
		ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5
053501		3.7	115	5.0	26.7	126	107.5
053502		5.1	135	5.8	29.8	144	125.5
053503		3.8	147	5.1	29.0	131	117.5
053504		1.3	136	5.4	18.7	66	94.8
053505		1.5	127	2.3	19.5	65	93.9
053506		2.2	140	3.7	21.6	79	112.0
053507		1.6	70	4.8	11.1	56	37.1
053508		1.4	68	1.3	10.1	54	33.7
053509		1.7	65	1.1	10.6	49	41.7
053510		1.9	79	1.5	11.2	64	47.3
053511		3.3	153	2.4	15.9	122	69.0
053512		1.6	75	1.5	9.6	65	42.7
053513		1.6	76	1.3	9.9	64	39.8
053514		1.7	76	1.4	11.3	61	44.6
053515		1.2	170	2.8	22.5	74	133.5
053516		1.6	68	1.3	11.2	56	41.7
053517		1.9	65	1.4	11.1	55	46.2
053518		1.4	61	1.0	9.2	46	40.3



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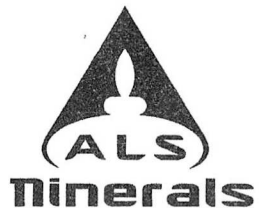
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**CERTIFICATE OF ANALYSIS WH10121227**

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
053519		1.58	<0.005	0.08	5.69	9.4	960	2.04	0.18	0.96	0.22	46.4	7.6	55	4.61	19.4
053520		1.47	<0.005	0.12	5.56	9.6	1090	1.88	0.18	0.99	0.32	53.4	10.0	72	5.17	25.2
053521		2.02	<0.005	0.10	6.55	6.7	1190	2.70	0.23	0.80	0.32	62.6	10.2	77	6.61	25.1
053522		1.51	<0.005	0.18	5.80	18.7	1060	1.78	0.18	0.89	0.32	57.2	10.1	70	6.22	26.1
053523		1.99	<0.005	0.21	7.00	14.3	1290	2.35	0.24	0.91	0.52	74.1	15.4	87	8.88	39.1
053524		1.82	<0.005	0.24	9.10	20.0	1760	3.46	0.36	0.62	0.67	98.6	19.0	110	13.10	48.3
053525		1.36	<0.005	0.15	4.76	16.8	810	1.35	0.15	1.08	0.22	41.2	8.4	49	4.20	20.8
053526		1.28	<0.005	0.16	3.83	13.1	630	1.05	0.18	1.42	0.20	30.9	6.2	45	3.50	17.9
053527		0.87	<0.005	0.15	5.31	16.2	930	1.57	0.18	0.84	0.29	42.5	8.3	62	6.52	22.5
053528		1.95	<0.005	0.22	8.52	14.2	1780	2.68	0.28	0.94	0.54	84.3	18.8	108	8.90	39.4
053529		1.67	<0.005	0.27	9.19	16.5	1890	2.92	0.30	0.64	0.53	93.4	21.9	119	8.90	42.2
053530		1.99	<0.005	0.09	7.31	10.1	1340	2.42	0.19	0.73	0.20	52.0	12.9	49	4.86	17.6
053531		0.60	<0.005	0.16	8.93	9.0	1480	2.69	0.29	0.80	0.47	78.6	14.4	97	9.27	37.3
053532		0.64	<0.005	0.10	4.87	13.9	880	1.25	0.10	1.29	0.15	38.7	7.1	45	3.08	12.1
053533		0.91	<0.005	0.23	8.33	13.6	1520	2.91	0.27	0.69	0.43	76.8	14.5	85	9.61	32.8
053534		1.54	<0.005	0.17	5.29	14.2	890	1.72	0.14	1.20	0.26	48.7	8.7	62	4.86	20.7
053535		1.29	0.005	0.25	7.49	18.5	1270	2.43	0.23	0.80	0.47	69.8	15.7	80	8.78	33.5
053536		1.29	<0.005	0.22	6.88	18.0	1140	2.50	0.21	0.63	0.43	65.3	15.1	73	9.15	31.8



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Page: 2 - B  
 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 19-SEP-2010  
 Account: TFI

Project: Canyon Gold

**CERTIFICATE OF ANALYSIS WH10121227**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm
		0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
053519		2.26	14.30	0.16	2.0	0.02	0.056	1.63	23.4	18.6	0.69	455	1.16	0.98	12.0	28.7
053520		3.25	14.60	0.20	2.1	0.01	0.059	1.61	26.2	23.7	0.85	704	1.74	0.92	12.3	42.8
053521		3.15	17.70	0.23	3.0	0.01	0.078	1.95	30.5	25.2	0.87	663	1.51	1.00	18.6	41.1
053522		3.20	15.05	0.21	2.0	0.01	0.057	1.64	28.0	27.8	0.77	598	2.03	0.74	11.3	37.5
053523		4.29	19.00	0.25	2.3	0.02	0.070	1.94	36.9	34.5	1.07	789	2.56	0.82	13.8	55.0
053524		4.73	26.6	0.30	3.8	0.02	0.115	2.66	49.2	39.6	1.18	764	3.56	0.80	21.6	71.4
053525		2.46	12.00	0.13	1.4	0.01	0.038	1.13	20.3	46.1	0.62	463	1.48	0.52	7.8	26.5
053526		2.00	8.95	0.14	1.1	<0.01	0.027	0.88	14.9	41.2	0.54	459	0.97	0.43	5.9	23.7
053527		2.52	12.75	0.15	1.5	<0.01	0.041	1.28	20.2	43.8	0.68	408	1.50	0.54	8.3	31.6
053528		4.54	22.3	0.26	2.6	0.01	0.084	2.26	43.7	45.6	1.12	1090	2.27	0.76	14.8	68.3
053529		5.32	24.5	0.26	3.0	0.02	0.084	2.34	46.0	63.0	1.22	1120	2.30	0.83	17.9	76.5
053530		3.05	18.35	0.21	2.4	0.04	0.061	1.74	29.4	53.5	0.67	598	1.08	0.94	18.1	25.9
053531		5.71	24.3	0.27	3.3	0.02	0.086	2.21	37.2	109.0	1.13	1220	3.12	0.63	21.6	55.4
053532		2.61	11.45	0.16	1.5	0.01	0.033	1.09	19.4	34.2	0.62	514	0.99	0.74	8.0	21.9
053533		3.85	23.3	0.25	3.1	0.02	0.085	2.18	37.6	52.7	0.88	598	3.16	0.70	20.1	50.6
053534		2.99	13.35	0.16	1.9	0.02	0.045	1.32	26.8	37.7	0.74	643	1.74	0.68	8.9	37.8
053535		3.78	18.90	0.25	2.2	0.03	0.065	2.11	36.2	71.7	0.93	727	2.15	0.70	14.6	49.0
053536		3.48	16.75	0.20	2.2	0.03	0.058	1.76	34.5	79.3	0.80	626	2.71	0.72	13.4	46.5



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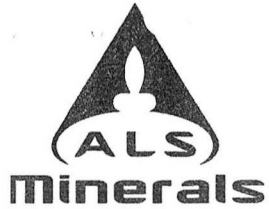
to: CARLOS, ALLEN  
 275 ALSEK RD  
 WHITEHORSE YT Y1A 4T1

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 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 19-SEP-2010  
 Account: TFI

Project: Canyon Gold

**CERTIFICATE OF ANALYSIS WH10121227**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	Tl
		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	
053519		470	14.0	95.7	<0.002	0.05	0.80	8.1	1	2.9	164.0	0.84	0.05	8.2	0.228	0.56	
053520		680	17.6	98.2	<0.002	0.06	0.95	9.2	2	2.8	164.0	0.86	<0.05	8.7	0.226	0.55	
053521		720	22.3	108.5	<0.002	0.05	0.93	10.0	2	4.7	154.5	1.35	<0.05	13.6	0.272	0.66	
053522		670	17.6	97.6	0.002	0.12	1.24	9.9	2	2.3	146.5	0.75	<0.05	8.9	0.257	0.62	
053523		820	22.8	112.0	<0.002	0.14	1.54	13.9	3	2.6	155.5	0.87	0.05	10.7	0.326	0.82	
053524		1570	31.3	141.0	0.002	0.22	2.37	18.8	4	4.6	146.5	1.48	0.10	16.6	0.405	1.17	
053525		630	16.7	60.6	0.002	0.18	1.07	9.1	2	1.4	129.0	0.49	0.05	7.0	0.194	0.40	
053526		580	19.4	50.1	<0.002	0.08	1.05	7.3	2	1.1	145.0	0.38	<0.05	5.6	0.148	0.35	
053527		580	17.1	71.6	<0.002	0.06	1.18	10.0	2	1.7	108.5	0.55	<0.05	8.2	0.215	0.54	
053528		2090	23.4	127.0	0.002	0.07	1.22	18.8	3	3.0	163.5	0.99	0.07	14.0	0.356	0.94	
053529		1460	28.3	134.0	0.002	0.14	1.59	19.0	3	3.2	143.0	1.17	0.06	14.9	0.416	0.97	
053530		590	27.0	94.4	<0.002	0.04	0.78	10.2	2	4.0	163.0	1.20	<0.05	11.4	0.316	0.65	
053531		1360	34.6	131.0	0.002	0.12	1.50	18.0	3	4.2	148.0	1.62	<0.05	18.5	0.340	0.91	
053532		780	12.6	59.2	<0.002	0.05	1.14	8.4	2	1.3	169.5	0.48	<0.05	6.9	0.213	0.44	
053533		820	30.2	130.0	0.002	0.18	1.74	15.2	3	3.8	142.0	1.50	0.05	17.0	0.328	0.95	
053534		810	13.4	74.0	<0.002	0.06	1.12	9.8	2	1.7	156.5	0.60	<0.05	7.3	0.225	0.47	
053535		750	27.2	114.5	0.002	0.21	1.74	14.1	3	2.7	148.5	0.97	0.05	12.8	0.336	0.78	
053536		770	23.9	101.0	<0.002	0.20	1.76	13.0	3	2.4	134.0	0.91	<0.05	11.3	0.309	0.67	



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Page: 2 - D  
 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 19-SEP-2010  
 Account: TFI

Project: Canyon Gold

**CERTIFICATE OF ANALYSIS WH10121227**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm
		0.1	1	0.1	0.1	2	0.5
053519		2.6	70	1.7	14.0	64	57.7
053520		2.9	74	3.6	19.1	78	61.1
053521		4.6	85	3.0	22.1	93	82.6
053522		2.8	86	3.0	15.8	78	61.5
053523		3.4	117	3.4	19.7	110	76.6
053524		5.4	151	5.5	32.7	148	115.5
053525		1.9	69	2.4	11.8	66	47.1
053526		1.5	56	9.1	9.5	48	36.7
053527		2.3	81	3.8	10.8	69	51.1
053528		4.1	130	3.8	21.7	130	89.8
053529		4.6	143	5.0	24.7	139	104.0
053530		3.6	92	2.6	17.5	90	77.1
053531		5.3	128	5.7	24.3	140	98.9
053532		1.9	76	2.0	12.8	57	54.9
053533		4.8	123	4.9	22.2	125	94.5
053534		2.4	73	2.3	18.2	70	58.7
053535		3.6	109	10.2	17.1	117	74.7
053536		3.3	99	8.8	16.4	106	72.7

## **APPENDIX 4**

### **LIST OF CLAIMS**



# Claim Status Report

21 October 2009

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s
R CANON 1 - 4	YC08793 - YC08796	2024/12/27	A.M. Carlos	100.00	105K02
R CANON 5 - 6	YC08797 - YC08798	2028/12/27	A.M. Carlos	100.00	105K02
R CANON 7 - 14	YC08939 - YC08946	2024/12/27	A.M. Carlos	100.00	105K02
R CANON 15 - 24	YC30113 - YC30122	2017/12/27	A.M. Carlos	100.00	105K02
R CANYON 1 - 16	YA75717 - YA75732	2035/12/27	A.M. Carlos	100.00	105K02
R CANYON 17 - 26	YA75733 - YA75742	2033/12/27	A.M. Carlos	100.00	105K02
R CANYON 27 - 32	YA75743 - YA75748	2035/12/27	A.M. Carlos	100.00	105K02
R CANYON 33 - 40	YA75753 - YA75760	2035/12/27	A.M. Carlos	100.00	105K02
R CANYON 41 - 50	YA81160 - YA81169	2035/12/27	A.M. Carlos	100.00	105K02
R CANYON 51 - 56	YA81170 - YA81175	2036/12/27	A.M. Carlos	100.00	105K02
R CANYON 57 - 60	YA81176 - YA81179	2032/12/27	A.M. Carlos	100.00	105K02
R CANYON 61 - 62	YA81180 - YA81181	2031/12/27	A.M. Carlos	100.00	105K02
R CANYON 63 - 66	YA81182 - YA81185	2027/12/27	A.M. Carlos	100.00	105K02
R CANYON 73 - 78	YA81192 - YA81197	2035/12/27	A.M. Carlos	100.00	105K02
R CANYON 79 - 84	YA81198 - YA81203	2036/12/27	A.M. Carlos	100.00	105K02
R CANYON 85 - 88	YA81204 - YA81207	2032/12/27	A.M. Carlos	100.00	105K02
CANYON 89	YA81208	2027/12/27	A.M. Carlos	100.00	105K02
CANYON 90	YA81209	2031/12/27	A.M. Carlos	100.00	105K02
CANYON 91 - 92	YA81210 - YA81211	2027/12/27	A.M. Carlos	100.00	105K02
R CANYON 93 - 94	YA81212 - YA81213	2026/12/27	A.M. Carlos	100.00	105K02
R CANYON 293 - 300	YA85398 - YA85405	2030/12/27	A.M. Carlos	100.00	105K02
R DOZER 1 - 14	YC18135 - YC18148	2013/12/27	A.M. Carlos	100.00	105K03
R GRAND 91	YA85326	2024/12/27	A.M. Carlos	100.00	105K02
R GRAND 92	YA85327	2025/12/27	A.M. Carlos	100.00	105K02
R GRAND 93 - 98	YA85328 - YA85333	2028/12/27	A.M. Carlos	100.00	105K02
R GRAND 141	YA85376	2025/12/27	A.M. Carlos	100.00	105K02
R GRAND 142	YA85377	2024/12/27	A.M. Carlos	100.00	105K02
R GRAND 143 - 148	YA85378 - YA85383	2028/12/27	A.M. Carlos	100.00	105K02
R GRAND 159	YA85394	2024/12/27	A.M. Carlos	100.00	105K02
R GRAND 160 - 162	YA85395 - YA85397	2028/12/27	A.M. Carlos	100.00	105K02
R KAOLIN 1 - 3	YC18762 - YC18764	2017/12/27	A.M. Carlos	100.00	105K03
R KAOLIN 4 - 10	YC19300 - YC19306	2016/12/27	A.M. Carlos	100.00	105K03
R KAOLIN 11 - 12	YC19374 - YC19375	2016/12/27	A.M. Carlos	100.00	105K03
R MAVERICK 1 - 12	YC19362 - YC19373	2022/12/27	A.M. Carlos	100.00	105K02
R MAVERICK 13 - 16	YC26055 - YC26058	2018/12/27	A.M. Carlos	100.00	105K02
R MAVERICK 17 - 23	YC26059 - YC26065	2019/12/27	A.M. Carlos	100.00	105K02
P MAVERICK 24	YC26066	2018/12/27	A.M. Carlos	100.00	105K02

Total claims selected : 351

Left column indicator legend:

- R - Indicates the claim is on one or more pending renewal(s).
- P - Indicates the claim is pending.

Right column indicator legend:

- L - Indicates the Quartz Lease.
- F - Indicates Full Quartz fraction (25+ acres)
- P - Indicates Partial Quartz fraction (<25 acres)

- D - Indicates Placer Discovery
- C - Indicates Placer Codiscovery
- B - Indicates Placer Fraction

## Claim Status Report

21 October 2009

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s
R MAVERICK 25 - 28	YC26067 - YC26070	2019/12/27	A.M. Carlos	100.00	105K02
R MAVERICK 29	YC26071	2018/12/27	A.M. Carlos	100.00	105K02
R MAVERICK 30 - 36	YC26072 - YC26078	2019/12/27	A.M. Carlos	100.00	105K02
R MAVERICK 37 - 42	YC30101 - YC30106	2017/12/27	A.M. Carlos	100.00	105K02
R MAVERICK 43 - 48	YC30107 - YC30112	2016/12/27	A.M. Carlos	100.00	105K02, 105K03
R RAIL 51 - 54	YC37856 - YC37859	2018/12/27	A.M. Carlos	100.00	105K02
R RAIL 56	YC37861	2018/12/27	A.M. Carlos	100.00	105K02
R RAIL 58	YC37863	2018/12/27	A.M. Carlos	100.00	105K02
R RAIL 61 - 70	YC37866 - YC37875	2018/12/27	A.M. Carlos	100.00	105K02
R RAIL 73 - 74	YC37878 - YC37879	2018/12/27	A.M. Carlos	100.00	105K02
R RAIL 75 - 115	YC37880 - YC37920	2014/12/27	A.M. Carlos	100.00	105K03
R SLEEPER 1 - 10	YC29987 - YC29996	2019/12/27	A.M. Carlos	100.00	105F15
R SLEEPER 11 - 24	YC53920 - YC53933	2015/12/27	A.M. Carlos	100.00	105F15
R TINTINA 1 - 54	YC94562 - YC94615	2013/12/27	A.M. Carlos	100.00	105K03

**Criteria(s) used for search:**

CLAIM STATUS: ACTIVE & PENDING OWNER(S): CARLOS A.M. REGULATION TYPE: QUARTZ

**Left column indicator legend:**

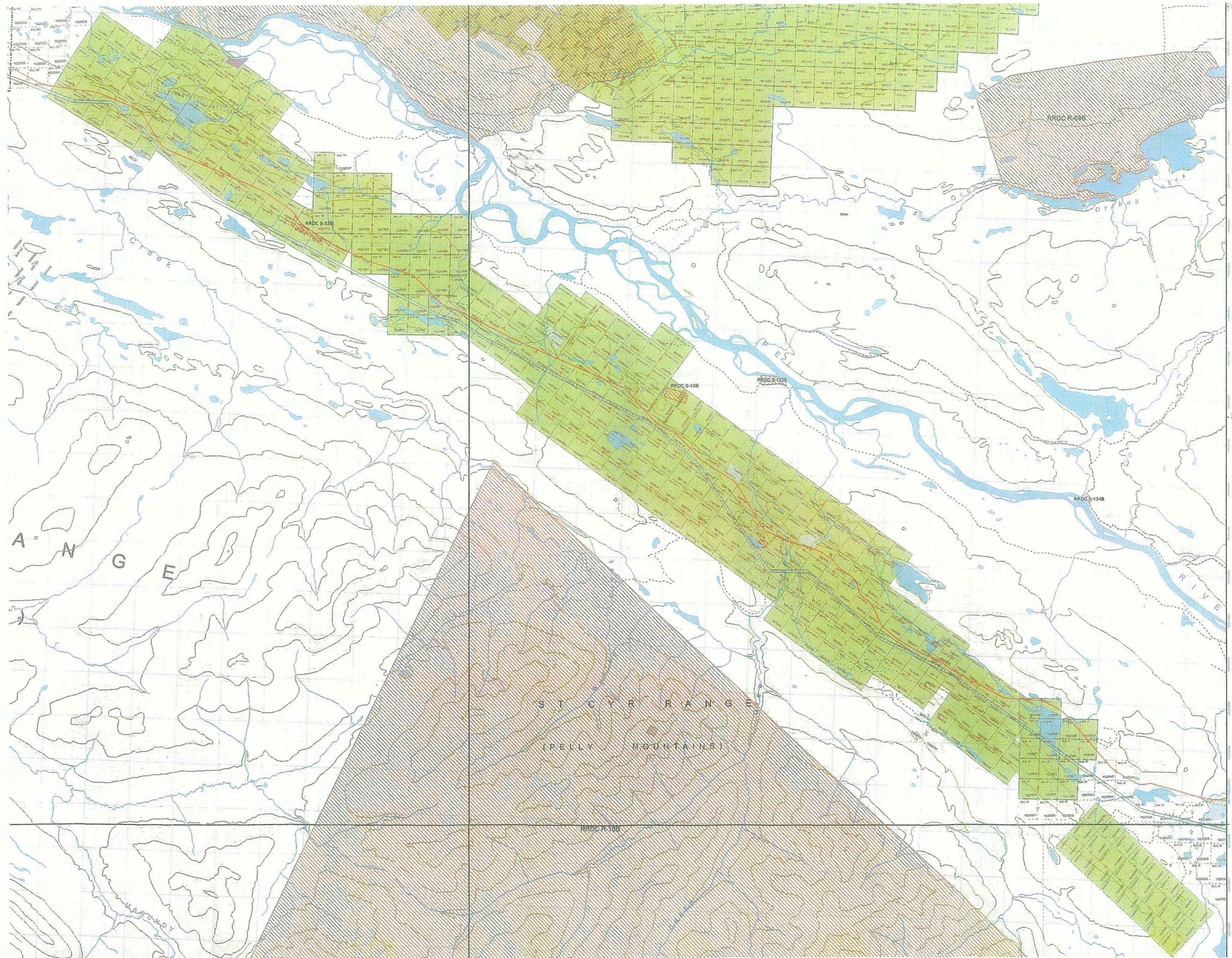
R - Indicates the claim is on one or more pending renewal(s).  
P - Indicates the claim is pending.

**Right column indicator legend:**

L - Indicates the Quartz Lease.  
F - Indicates Full Quartz fraction (25+ acres)  
P - Indicates Partial Quartz fraction (<25 acres)

Total claims selected : 351

D - Indicates Placer Discovery  
C - Indicates Placer Codiscovery  
B - Indicates Placer Fraction



## **APPENDIX 5**

### **STATEMENT OF QUALIFICATIONS**

## 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



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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To: **CARLOS, ALLEN**  
**275 ALSEK RD**  
**WHITEHORSE YT Y1A 4T1**

**INVOICE NUMBER 2137120**

BILLING INFORMATION	
Certificate:	<b>WH10121226</b>
Sample Type:	<b>Drill Core</b>
Account:	<b>TFI</b>
Date:	<b>19-SEP-2010</b>
Project:	Canvon Gold
P.O. No.:	Baq #1
Quote:	
Terms:	<b>Net 30 Days</b> <span style="float: right;">C3</span>
Comments:	

QUANTITY	CODE	ANALYSED FOR		UNIT PRICE	TOTAL
		-	DESCRIPTION		
18	ME-MS61m	-	ME-MS61 plus Hg by CV-AA	34.25	616.50
18	Au-AA24	-	Au 50g FA AA finish	17.35	312.30
18	LOG-22	-	Sample login - Rcd w/o BarCode	0.87	15.66
18	PUL-31	-	Pulverize split to 85% <75 um	2.84	51.12
26.82	CRU-31	-	Weight Charge (kg) - Fine crushing - 70% <2mm	0.36	9.66
18	CRU-31	-	Fine crushing - 70% <2mm	1.82	32.76
26.82	SPL-21	-	Weight Charge (kg) - Split sample - riffle splitter	0.29	7.78
18	SPL-21	-	Split sample - riffle splitter	1.22	21.96

SUBTOTAL (CAD) \$ 1,067.74

R100938885 GST \$ 53.39

**TOTAL PAYABLE (CAD) \$ 1,121.13**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.  
 Bank: Royal Bank of Canada  
 SWIFT: ROYCCAT2  
 Address: Vancouver, BC, CAN  
 Account: 003-00010-1001098

Please Remit Payments To :  
**ALS Canada Ltd.**  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7



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 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

**INVOICE NUMBER 2126562**

BILLING INFORMATION	
Certificate:	<b>WH10112966</b>
Sample Type:	<b>Drill Core</b>
Account:	<b>TFI</b>
Date:	<b>9-SEP-2010</b>
Project:	Canvon Gold
P.O. No.:	Bag #1
Quote:	
Terms:	<b>Net 30 Days</b> <span style="float: right;">C3</span>
Comments:	

ANALYSED FOR			UNIT	TOTAL
QUANTITY	CODE	- DESCRIPTION	PRICE	
1	BAT-01	Administration Fee	30.00	30.00
25	PREP-31	Crush, Split, Pulverize	6.75	168.75
25	ME-MS61m	ME-MS61 plus Hg by CV-AA	34.25	856.25
33.41	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.65	21.72
25	Au-AA24	Au 50g FA AA finish	17.35	433.75

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

SUBTOTAL (CAD)	\$	1,510.47
R100938885 GST	\$	75.52
<b>TOTAL PAYABLE (CAD)</b>	<b>\$</b>	<b><u>1,585.99</u></b>

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :  
**ALS Canada Ltd.**  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

**INVOICE NUMBER 2126557**

BILLING INFORMATION	
Certificate:	<b>WH10112969</b>
Sample Type:	<b>Drill Core</b>
Account:	<b>TFI</b>
Date:	<b>6-SEP-2010</b>
Project:	Canvon Gold
P.O. No.:	Baq #3
Quote:	
Terms:	<b>Net 30 Days</b> <span style="float: right;">C3</span>
Comments:	

QUANTITY	CODE	ANALYSED FOR - DESCRIPTION	UNIT PRICE	TOTAL
21	PREP-31	Crush, Split, Pulverize	6.75	141.75
21	ME-MS61m	ME-MS61 plus Hg by CV-AA	34.25	719.25
28.77	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.65	18.70
21	Au-AA24	Au 50g FA AA finish	17.35	364.35

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

SUBTOTAL (CAD)	\$	1,244.05
R100938885 GST	\$	62.20
<b>TOTAL PAYABLE (CAD)</b>	<b>\$</b>	<b><u>1,306.25</u></b>

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.  
 Bank: Royal Bank of Canada  
 SWIFT: ROYCCAT2  
 Address: Vancouver, BC, CAN  
 Account: 003-00010-1001098

Please Remit Payments To :  
**ALS Canada Ltd.**  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7





ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

**INVOICE NUMBER 2126568**

BILLING INFORMATION		
Certificate:	<b>WH10112967</b>	
Sample Type:	<b>Drill Core</b>	
Account:	<b>TFI</b>	
Date:	<b>6-SEP-2010</b>	
Project:	Canvon Gold	
P.O. No.:	Baq #2	
Quote:		
Terms:	<b>Net 30 Days</b>	<b>C3</b>
Comments:		

QUANTITY	CODE	ANALYSED FOR		UNIT PRICE	TOTAL
		-	DESCRIPTION		
21	PREP-31	-	Crush, Split, Pulverize	6.75	141.75
21	ME-MS61m	-	ME-MS61 plus Hg by CV-AA	34.25	719.25
26.00	PREP-31	-	Weight Charge (kg) - Crush, Split, Pulverize	0.65	16.90
21	Au-AA24	-	Au 50g FA AA finish	17.35	364.35

SUBTOTAL (CAD) \$ 1,242.25

R100938885 GST \$ 62.11

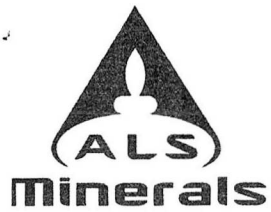
**TOTAL PAYABLE (CAD) \$ 1,304.36**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.  
 Bank: Royal Bank of Canada  
 SWIFT: ROYCCAT2  
 Address: Vancouver, BC, CAN  
 Account: 003-00010-1001098

Please Remit Payments To :  
**ALS Canada Ltd.**  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

**INVOICE NUMBER 2137088**

BILLING INFORMATION	
Certificate:	<b>WH10121227</b>
Sample Type:	<b>Drill Core</b>
Account:	<b>TFI</b>
Date:	<b>19-SEP-2010</b>
Project:	Canvon Gold
P.O. No.:	Baa #2
Quote:	
Terms:	<b>Net 30 Days</b> <span style="float: right;">C3</span>
Comments:	

ANALYSED FOR			UNIT	TOTAL
QUANTITY	CODE	- DESCRIPTION	PRICE	
18	ME-MS61m	ME-MS61 plus Hg by CV-AA	34.25	616.50
18	Au-AA24	Au 50g FA AA finish	17.35	312.30
18	LOG-22	Sample login - Rcd w/o BarCode	0.87	15.66
18	PUL-31	Pulverize split to 85% <75 um	2.84	51.12
25.78	CRU-31	Weight Charge (kg) - Fine crushing - 70% <2mm	0.36	9.28
18	CRU-31	Fine crushing - 70% <2mm	1.82	32.76
25.78	SPL-21	Weight Charge (kg) - Split sample - riffle splitter	0.29	7.48
18	SPL-21	Split sample - riffle splitter	1.22	21.96

SUBTOTAL (CAD) \$ 1,067.06

R100938885 GST \$ 53.35

**TOTAL PAYABLE (CAD) \$ 1,120.41**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.  
 Bank: Royal Bank of Canada  
 SWIFT: ROYCCAT2  
 Address: Vancouver, BC, CAN  
 Account: 003-00010-1001098

Please Remit Payments To :  
**ALS Canada Ltd.**  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

**INVOICE NUMBER 2126563**

BILLING INFORMATION		
Certificate:	<b>WH10112968</b>	
Sample Type:	<b>Drill Core</b>	
Account:	<b>TFI</b>	
Date:	<b>10-SEP-2010</b>	
Project:	Canvon Gold	
P.O. No.:	Baq #4	
Quote:		
Terms:	<b>Net 30 Days</b>	<b>C3</b>
Comments:		

ANALYSED FOR			UNIT	TOTAL
QUANTITY	CODE	- DESCRIPTION	PRICE	
28	PREP-31	Crush, Split, Pulverize	6.75	189.00
28	ME-MS61m	ME-MS61 plus Hg by CV-AA	34.25	959.00
37.93	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.65	24.65
28	Au-AA24	Au 50g FA AA finish	17.35	485.80

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

	SUBTOTAL (CAD) \$	1,658.45
	R100938885 GST \$	82.92
	<b>TOTAL PAYABLE (CAD) \$</b>	<b><u>1,741.37</u></b>

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :  
**ALS Canada Ltd.**  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7

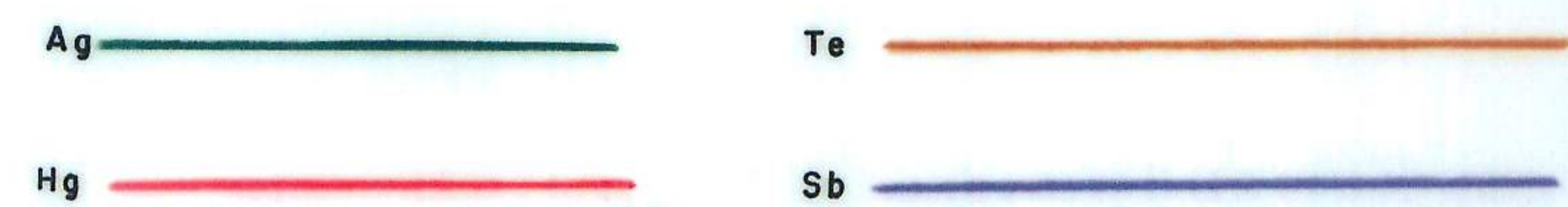
YEIP  
2010-006

SONY  
CD-R

COMPACT  
disc  
Recordable SUPREMAS

700MB

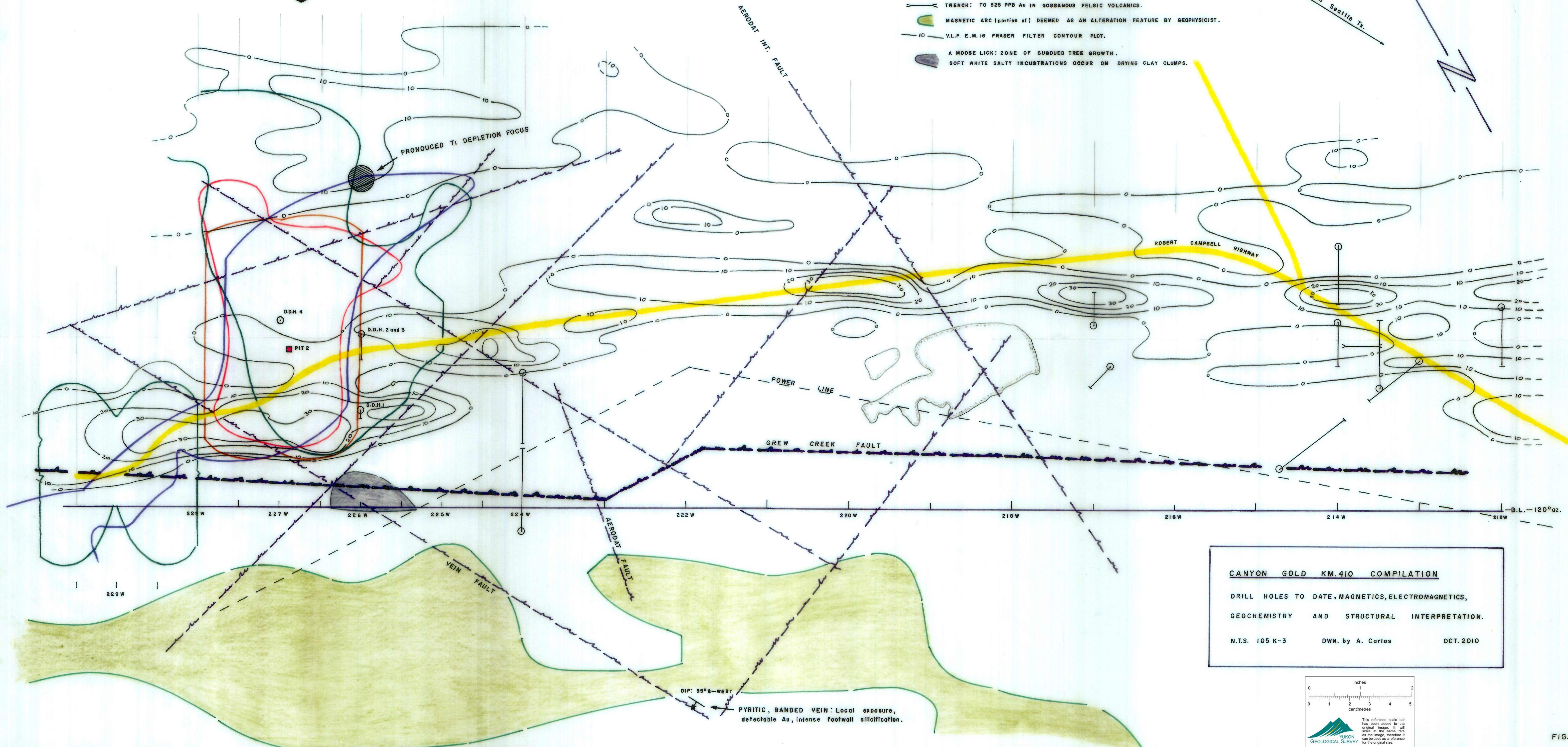
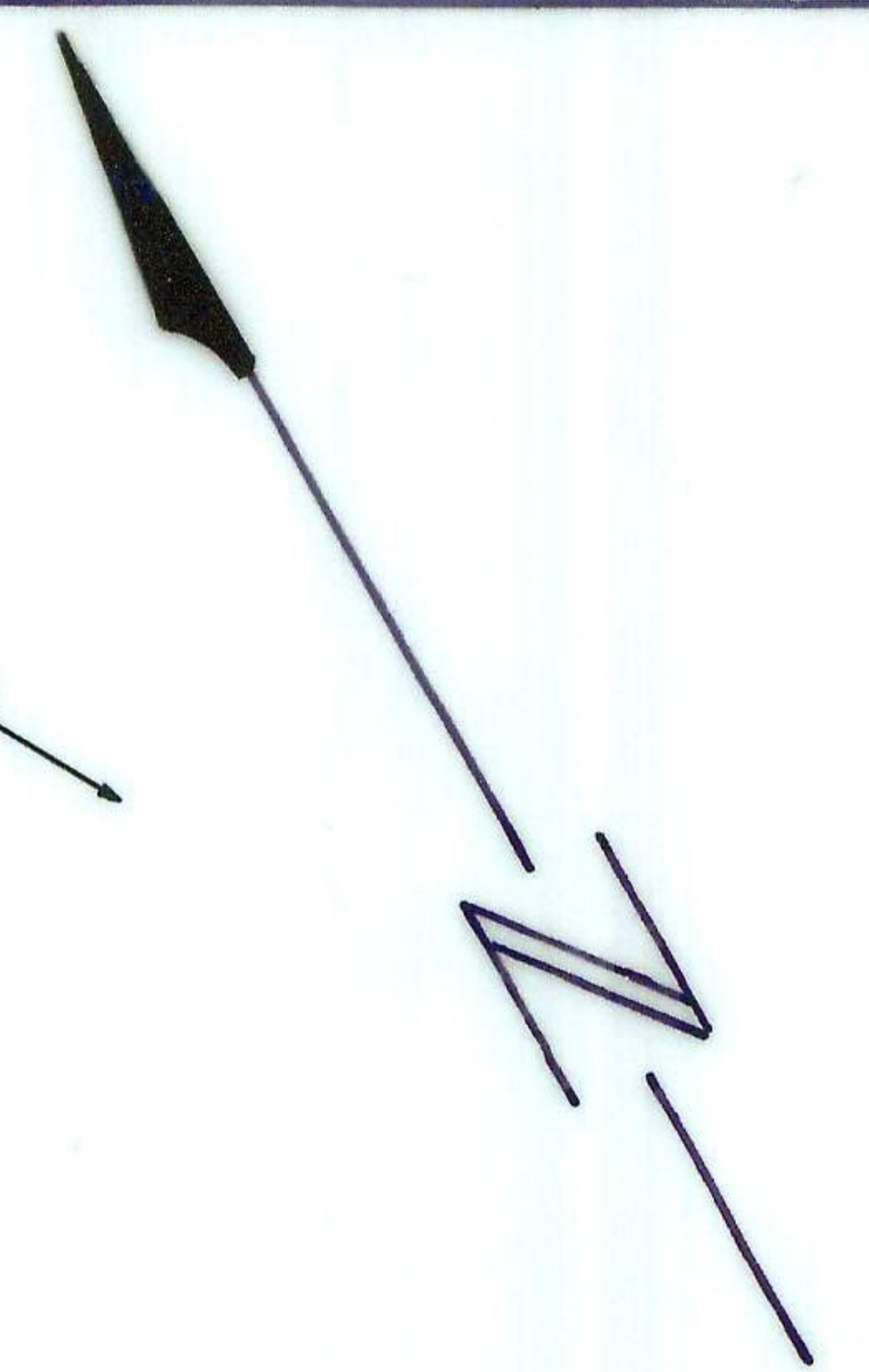
ENZYME LEACH ANOMALY CENTRE LEGEND (G.T. HILL-10 MARCH 2009)



LEGEND:

- ⊙ 2010 D.D.H. are marked 1-4
- GOLD HIGH SITE: CONC. FROM 100 LBS. TILL +9520 ppb Au—only determination.
- G.T. HILL FAULTS: INTERPRETED FROM E.L. GEOCHEMISTRY.
- TRENCH: TO 325 PPB Au IN GLOSSANOUS FELSIC VOLCANICS.
- MAGNETIC ARC (portion of) DEEMED AS AN ALTERATION FEATURE BY GEOPHYSICIST.
- V.L.F. E.M. 16 FRASER FILTER CONTOUR PLOT.
- A MOOSE LICK: ZONE OF SUBDUED TREE GROWTH.
- SOFT WHITE SALTY INCUSTRATIONS OCCUR ON DRYING CLAY CLUMPS.

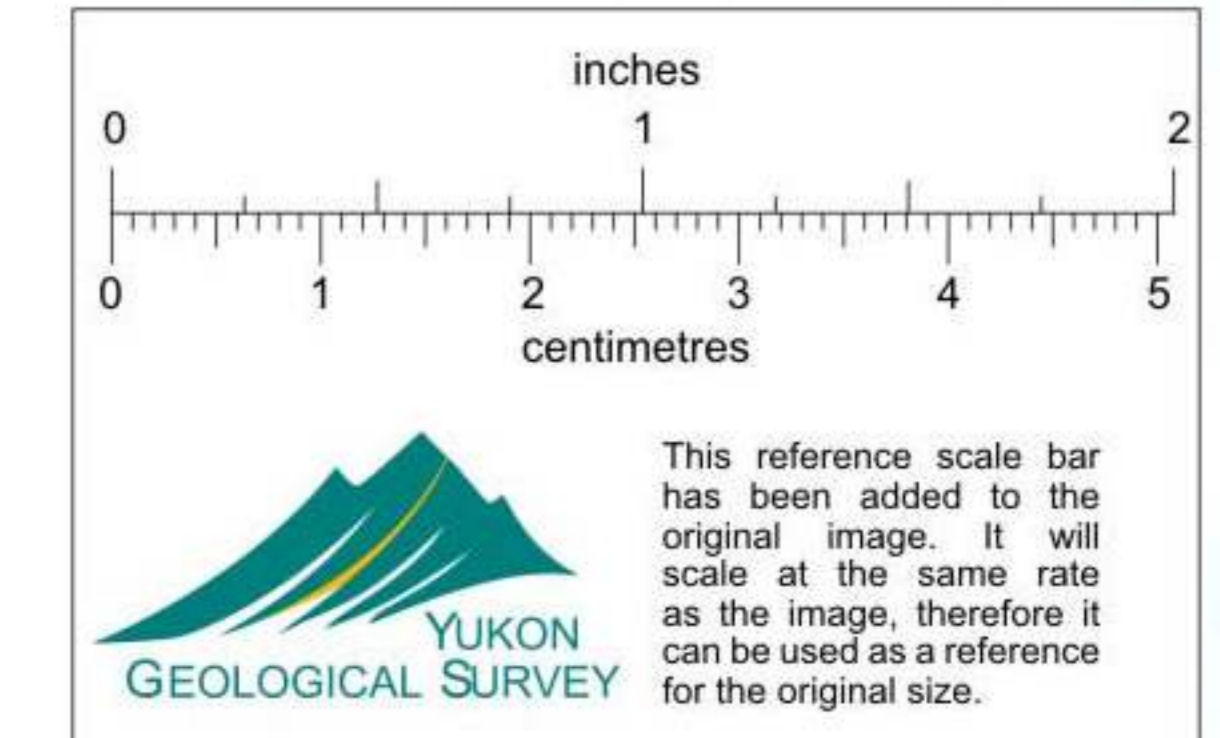
V.L.F. E.M. SURVEY USING Seattle Tx.



**CANYON GOLD KM.410 COMPILATION**

DRILL HOLES TO DATE, MAGNETICS, ELECTROMAGNETICS,  
GEOCHEMISTRY AND STRUCTURAL INTERPRETATION.

N.T.S. 105 K-3      DWN. by A. Carlos      OCT. 2010



PYRITIC, BANDED VEIN: Local exposure, detectable Au, intense footwall silicification.

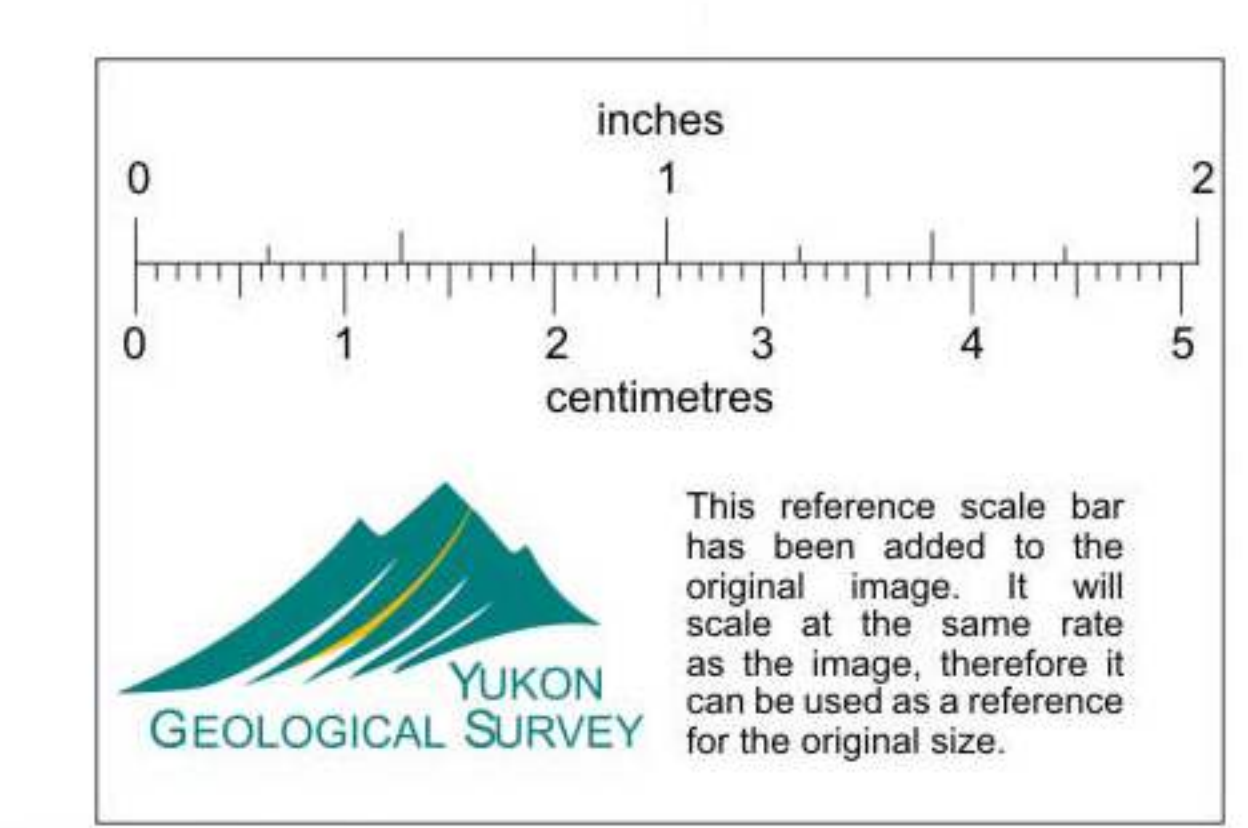
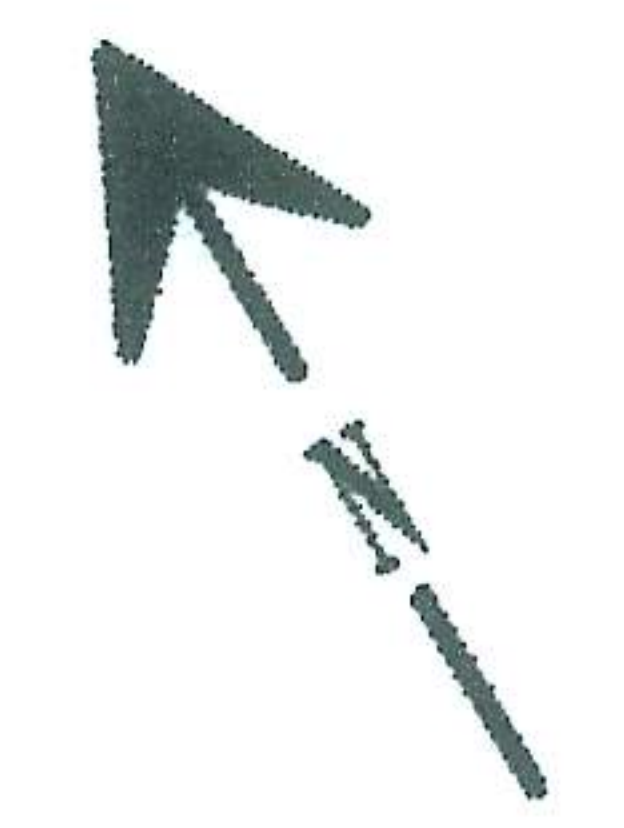
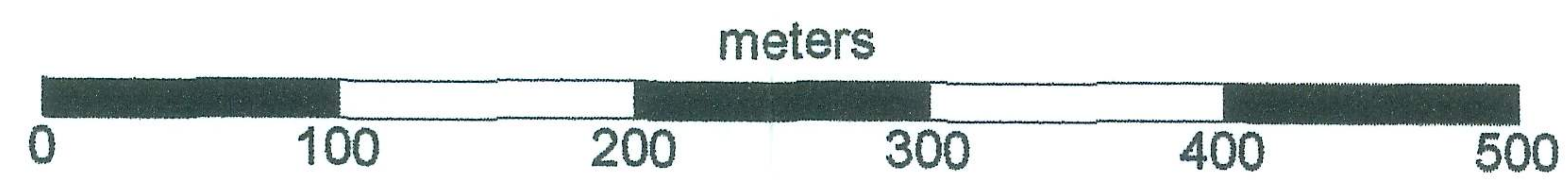
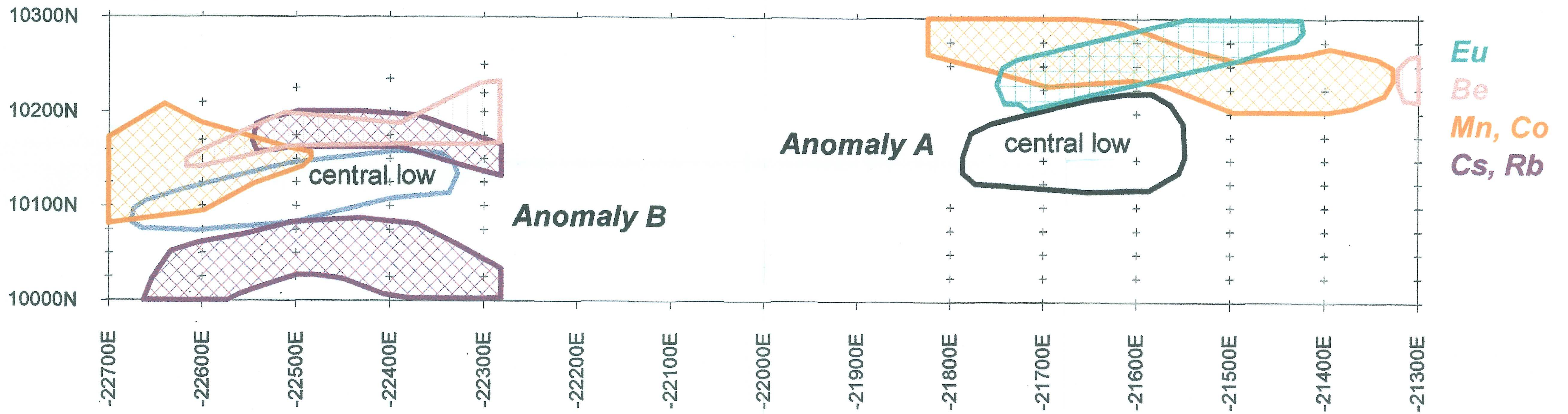
FIG. 3

**Km. 410 Prospect - Canyon Gold Property**

**Enzyme Leach<sup>SM</sup> data**

**Summary Map**

Drawn by: G.T. Hill                      Date: March 19, 2001



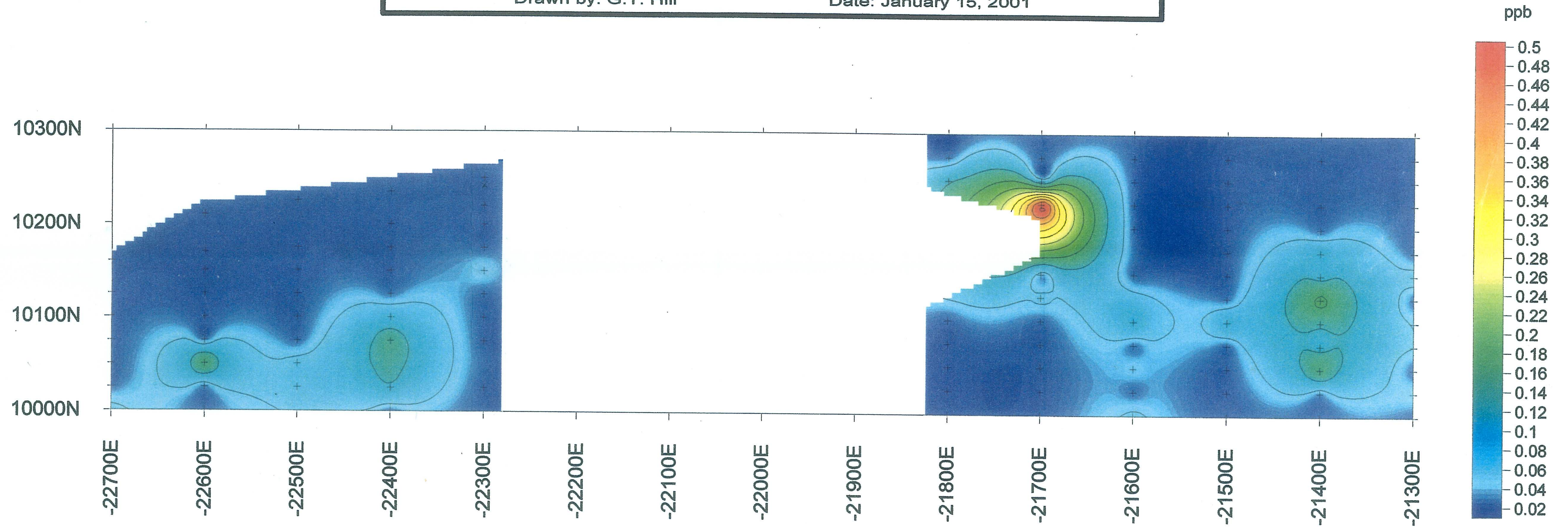
**Km. 410 Prospect - Canyon Gold Property**

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**Enzyme Leach<sup>SM</sup> data**

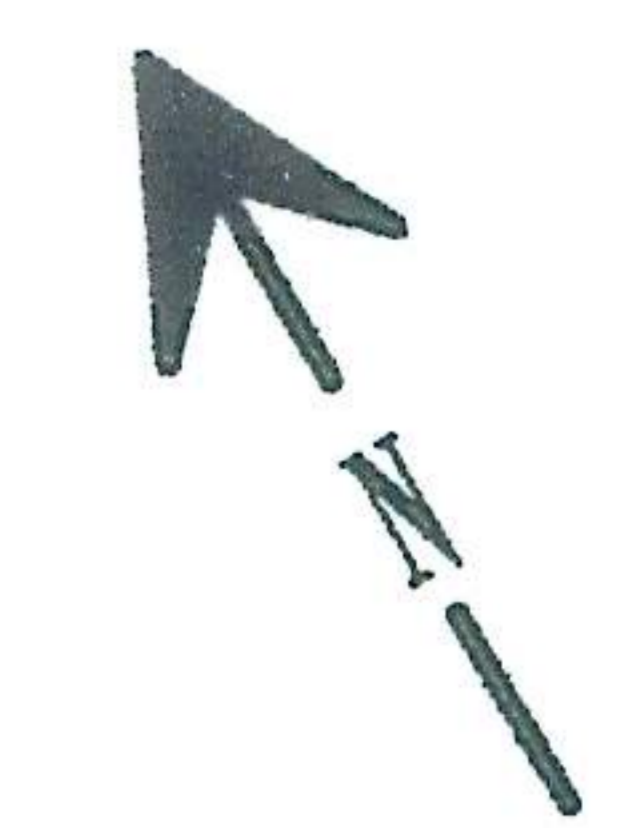
Element Group: Precious Metals      Element: Gold

Drawn by: G.T. Hill      Date: January 15, 2001



Scale: 1:5000

meters



Enzyme Laboratories, Inc.

