2010 DIAMOND DRILLING REPORT

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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

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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.
- 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.
- 2009 Diamond Drilling Report on the Canyon Gold Grew Creek project. Mar. 10,
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YUKON MINFILE YUKON GEOLOGICAL SURVEY WHITEHORSE

MINFILE # 105K 009NTNAME: GREW CREEKLADEPOSIT TYPE: EPITHERMAL AU-AG: LOW SULPHIDATIONLOSTATUS: DEPOSITTECTONIC ELEMENT: POST-AMALGAMATION PLUTONIC ROCKS

NTS MAP SHEET: 105K\2 **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

CLAIMS (PREVIOUS & CURRENT)

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

WORK HISTORY

The original claims were staked as Grew el 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 1 983 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 (13 156.5 m) in the Main Zone, 10 core holes (3045 m) in the Tam 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

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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 magenetometer 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

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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

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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 phyllitic 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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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.

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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. If 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). Eatter 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.

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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.



APPENDIX 1

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DRILL HOLE DESCRIPTIVE LOGS

SELECT CORE PHOTOS

<u>GRID</u> : 22+600W	HOLE: NO 1	COORDINATES: 10+120N
BEARING: 210°	<u>ANGLE</u> : -80°	<u>DEPTH</u> : 213 FEET

FROM	<u>T0</u>	DESCRIPTIONS
0'	11′	<u>OVBN</u>
11′	55'	VARIABLY CARBONACEOUS CLAY RICH BRECCL

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' -23 $\frac{1}{2}$: 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.

 $23\sqrt{2'-29'}$: 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'-31¹/2': Prominent fluid flow features comprised of angular quartz fragments.

 $31\frac{1}{2}$ - 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 quarter breccia.

 $45'-47\frac{1}{2}'$: Very carbonaceous, clay rich sandy breccia within which occur angular to $\frac{1}{2}$ cm. pyrite clasts. At $46\frac{1}{2}'$ occurs approx. a $\frac{1}{2}$ mm. hexagonal, yellow transparent crystal. Very distinct under a glass. Perhaps a Beryl. They have been noted occasionally throughout the length of this drill hole.

 $47\frac{1}{2}$ - 50': Clast supported, well rounded quartz fragments.

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

Logged by: A M Carlos

Hole Number: 01



FROM TO

DESCRIPTIONS

55' 94¹/2' <u>STRONGLY CARBONACEOUS CLAY RICH BRECCIA</u>

A higher degree of carbonaceous matter relative to section previous, together with abundant, well rounded larger clasts, varying from V_2 -10cm; All within a carbonaceous sandy quartz-clay mud. Three separate 1 foot sections of fine pyrite within breccia matrix noted.

61': Pyrite grains prominent within rounded clay balls.

74'-76': Volcanic tuff: Dense black matrix with gray-tan, ragged edged pyroclasts. Core angle with breccia = 40° .

79'-80': As above. These 2 sections are very likely larger clast material within the breccia zone.

991/2' 104' BRECCIATED QUARTZ EYE RHYOLITE PORPHYRY

Grounded up to < 1mm. quartz grains within a clay matrix. To 1cm. rounded porphyry clasts throughout.

104' 108¹/2' <u>CARBONACEOUS CLAY RICH BRECCIA (FAULT)?</u>

As above.

108¹/2' 112¹/2' BRECCIATED PORPHYRY

As 991/2'-104'.

112¹/₂' 116' *QUARTZ SAND BRECCIA (HYDROCARBONS)?*

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.

116' 123¹/2' <u>CALCAREOUS SILTSTONE?</u>

45° fracture plane to core angle. Randomly oriented thin calcite veinlets throughout.

Logged by: A M Carlos

Hole Number: 01

123¹/2' 204' <u>STRONGLY CARBONACEOUS BRECCIA</u>

Generally as 55'-991/2'. 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 $1\frac{1}{2}$ times its original diameter (expanding clay).

183¹/2'-193¹/2': 60% core recovery.

206' 213' <u>CLAY ALTERED RHYOLITE</u>

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

Е.О.Н.

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'	311⁄2′	479180
311/2'	36'	479181
36'	391⁄2'	479182
391⁄2′	441⁄2′	479183
441⁄2′	491⁄2′	479184
491⁄2′	541⁄2'	479185

Logged by: A M Carlos

Hole Number: 01

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FROM	<u>TO</u>	
541⁄2′	59 1⁄2 ′′	479186
59 1⁄2 ′	641⁄2′	479187
641⁄2′	691⁄2′	479188
69 1⁄ 2′	741⁄2′	479189
741⁄2′	791⁄2′	479190
791⁄2′	841/2'	479191
841⁄2′	891/2'	479192
891⁄2′	941⁄2'	479193
94 1/ 2'	991/2'	479194
99 1/ 2'	104'	479195
104′	1081⁄2′	479196
1081⁄2′	1121⁄2′	479197
112 ½ ′	1161⁄2'	479198
1161⁄2′	123'	479199
123'	128′	479200
128′	133'	479201
133'	138′	479202
138'	143′	479203
143'	148′	479204
148′	153'	479205

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Logged by: A M Carlos

Hole Number: 01

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FROM	<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

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Logged by: A M CarlosHole Number: 01Sheet Number: 5

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<u>GRID</u> : 22+600W	<u>HOLE</u> : N● 2	<u>CORDINATES</u> : 10+212.5N
BEARING: 210°	<u>ANGLE</u> : -50°	<u>DEPTH</u> : 146.5 FEET

<u>FROM</u>	<u>TO</u>		DESCRIPTIONS
0′	30'	<u>OVBN</u>	
30'	32'	MIXED ZONE	

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

32' 146¹/2' <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'-411/2': 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.

 $41'-41\frac{1}{2}$: A less brecciated portion of the unit; A greenish hue with clay alteration, feldspars, quartz and earthy orange material. Mildy 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.

41¹/2' 56' <u>OUARTZ 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.

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Hole Number: 02

51¹/₂'-54': Carbonaceous quartz breccia, minor larger clasts.

54'-55': Gray-green to earthy red granular quartz flow bands. Similar as 32'-411/2'.

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

56' 63¹/2' <u>CARBONACEOUS QUARTZ BRECCIA</u>

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.

 $60\frac{1}{2}$: White quartz clast.

63¹/2' 70' <u>QUARTZ BRECCIA (NON CARBONACEOUS)</u>

 $63\frac{1}{2}$ -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' 77¹/2' <u>CARBONACEOUS QUARTZ BRECCIA</u>

As $56'-63\frac{1}{2}'$. 75': Hematite rich breccia clast.

77¹/2' 82' <u>QUARTZ BRECCIA (NON CARBONACEOUS)</u>

Generally as $63\frac{1}{2}-70'$. Distinct flow feature @ 81', 45% to core angle.

82' 146¹/2' <u>CARBONACEOUS QUARTZ BRECCIA</u>

As described in $56'-63\frac{1}{2}'$. Interval is most carbonaceous in hole. Clasta of quartz vary to 10cm. along core axis.

138¹/₂': A nice example of fluid flow feature depicted in attached photo.

E.O.H.

Logged by: A M Carlos

Hole Number: 02

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HOLE Km 410- 02 ASSAY INTERVAL NUMBERS

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<u>FROM</u>	<u>TO</u>	
32'	41 ½ ′	479151
41 ½ ′	43 ¾ ′	479152
43 ¾ ′	44¾	479153
44 ¾ ′	50'	479154
50′	511/3'	479155
511/3'	531/3'	479156
531/3'	55'	479157
55'	63'	479158
63'	69'	479159
69′	74'	479160
74'	77¾′	479161
77¾′	8134′	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

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

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Hole Number: 02

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Sheet Number: 4

Logged by: A M Carlos

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<u>GRID</u> : 22+6	00W	HOLE: NO 3	COORDINATES: 10+212.5N
ANGLE: -90)°		<u>DEPTH</u> : 165 FEET
FROM	<u>TO</u>		DESCRIPTIONS
0'	27′	<u>OVBN</u>	
27'	156'	QUARTZ BRECCIA	

Overall colour is the result of a granular 1mm. or greater green, brecciated quark. Prominent intervals of $\frac{1}{2}$ 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. $77\frac{1}{2}$ -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 greenblack chlorite bands to ¼cm. Minor sericite.

2a) 12cm. example @ $108\frac{1}{2}$: 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 @ 1241/2': 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 @ 1231/2': A faintly foliated, thinly veined quartz-calcite unit hosting <1/2 cm. bands of fine matrix supported crushed quartz; by hydraulic fracture?

Logged by: A M Carlos

Hole Number: 03

FLOW BAND CORE ANGLES:

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

HOLE Km 410- 03 ASSAY INTERVAL NUMBERS

FROM	<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	

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Logged by: A M Carlos Hole Number: 03

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<u>FROM</u>	<u>T0</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		

Logged by: A M CarlosHole Number: 03Sheet Number: 3

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<u>GRID</u>: 22+700W

<u>HOLE</u>: NO 4

COORDINATES: 10+230N

<u>ANGLE</u>: -90°

<u>DEPTH</u>: 230 FEET

FROM TO

DESCRIPTIONS

0' 61' <u>*OVBN*</u> Approximately 40'-61': Dark gray to black - very carbonaceous.

61' 69' <u>FINE TO COARSE QUARTZ BRECCIA</u>

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 1cm 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 approximatelt 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' <u>EQUIGRANULAR CLASTIC QUARTZ</u>

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' <u>TUFF?</u>

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.

Logged by: A M Carlos

Hole Number: 04

81' 83' <u>EQUIGRANULAR CLASTIC QUARTZ</u>

As 74'-76': Silicified.

83' 90' <u>TUFF?</u>

As Above.

84': Scattered quartz-calcite veinlets and silicification.

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

90' 108' <u>COARSE TO FINE GRAINED QUARTZ BRECCIA</u>

Sub-angular to rounded clast supported material varying from < 1 cm.-6 cm. 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.

 $100\frac{1}{2}$: section of fine cubic pyrite.

108' 112¹/₂' <u>CARBONACEOUS (SILTSTONE)?</u>

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

112¹/₂' 129' <u>COARSE QUARTZ BRECCIA (CLAST SUPPORTED)</u>

60% sub angular to rounded white quartz.
10% rounded green-micaceous quartz.
30% siliceous, elongate, finely banded and cabonaceous.
122': A minor, fragmented discontinuous quartz veinlet.

129' 131' <u>TUFF?</u>

As above.

129': Short section of massive fine pyrite. Uncommon core angle contact with preceeding 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

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

Logged by: A M Carlos

Hole Number: 04

131' 149¹/2' <u>COARSE TO FINE GRAINED QUARTZ BRECCIA</u>

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.

149¹/₂' 152¹/₂' <u>CARBONACEOUS VOLCANICLASTIC</u>

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

150': Shear @ 17° to c.a. 151': Shear @ 30° to c.a.

152¹/₂' 155¹/₂' <u>COARSE QUARTZ BRECCIA (CLAST SUPPORTED)</u>

As 112¹/2'-129'.

155¹/2' 158¹/2' BANDED SEDIMENT?

Alternating $\frac{1}{2}$ - $\frac{1}{4}$ cm. bands of carbonaceous and fine brown sandy material, ending in a 16cm. segment of well indurated sand.

158¹/₂' 176' <u>CARBONACEOUS FAULT ZONE</u>

 $158\frac{1}{2}$: 40° shearing core angle.

158 $\frac{1}{2}$ -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 $\frac{1}{2}$ % throughout section, occuring both as pyrite clasts or replacing the fine quartz clasts noted.

Hole Number: 04

176' 192¹/2' <u>CARBONACEOUS CLAY RICH QUARTZ BRECCIA</u>

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.

1791/2': 80% to c.a. black clay seam bound by fine cubic pyrite.

190'-192 $\frac{1}{2}$ ': Fault zone. Quartz fragment size decreases from 190'-192 $\frac{1}{2}$ ', most likely due to greater attrition. Carbon presence also increases.

192¹/₂' 201' <u>CARBONACEOUS MUDSTONE</u>

20° to c.a. fracture pattern.

5% of section features thin vein stockworks.

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

201' 208' <u>COARSE SANDSTONE</u>

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' <u>CARBONACEOUS FINE MATRIX BRECCIA</u>

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. $225\frac{1}{2}'-229'$: 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.

Logged by: A M Carlos

Hole Number: 04

HOLE Km 410- 04 ASSAY INTERVAL NUMBERS

<u>FROM</u>	<u>TO</u>						
61'	63'	053501				ĩ	,
631⁄2'	69'	053502		, ,		,	-
69'	74'	053503					
74′	79 '	053504					
79'	84'	053505					• •
84'	90'	053506	,	Ť			
90′	95'	053507					
95'	100′	053508				r	¢
100′	105′	053509					
105′	108′	053510		' .			
108′	113'	053511					
113'	118′	053512					
118′	123'	053513					
123'	129′	053514		š			
129′	1311/3'	053515					
1311/3'	1361/3'	053516				;	i
1361/3'	141 ½ 2′	053517		¢ .			
1411/3'	1461/3'	053518					

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Logged by: A M Carlos Hole Number: 04
<u>FROM</u>	<u>TO</u>	
1461/3'	1511/3'	053519
1511/3'	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′	2111/2'	053532
2111⁄2'	214′	053533
214′	221′	053534
221′	225'	053535
225'	230'	053536

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Logged by: A M Carlos Hole Number: 04 Sheet Number: 6

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Hole #3-141¹/₂'















CG-KM-410 2010-Hole 3-Box 1 A . YARA . . . 1 6.51 1 Ver all the fact 200 CG-KM-410-2010-Hok-3-Box2 52 000 Participant 1 41058 11 YI CG-KM-410-2010-Hole 3-Box 3 C. M. C. all No. Company TA STATION Y 2 CG-KM-410-2010-Hole 3- Box 4 - f The Basel XZ G-KM-410-2010-Hole 3- Box 5 \$1: 8 1 101 10 MALA 1 (M-4-10-2010-Hole3-Box 6 Contraction CG-KM-410-2010-Hole 3- Bo Start and the The second - Pitters 1.1 The Calif of the

CANYON GOLD HOLE 3 / 2010

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CANYON GOLD HOLE 4 / 2010

APPENDIX 2

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DIAMOND DRILL HOLE CROSS SECTIONS





SCALE = 1: 500

APPENDIX 3

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ANALYTICAL RESULTS

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

Page: 2 - A Total # Fages: 2 (A - D) Plus Appendix Pages Finalized Date: 6-SEP-2010 Account: TFI

Project: Canyon Gold

Sample Description	Method	WEI-21	ME-MS61													
	Analyte	Recvd Wt.	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	PPm	%	PPm	PPm	PPm	ppm	%	PPm	PPm	PPm	PPm	ppm	ppm	%
	LOR	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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Ninera								Proje	ect: Canyo	n Gold						
								r r	C	ERTIFIC	ATE O	F ANAL	YSIS	WH101	12967	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	MEMS61	ME-MS61						
	Analyte	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	PPm	PPm	PPm	PPm	PPm	%	PPm	PPm	%	ppm	PPm	%	PPm	PPm	PPm
	LOR	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	S	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	88.8	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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Project: Canyon Gold

	Method	ME-MS61														
	Analyte	PD	RD	ĸe	S	20	SC	Se	20	Sr	Ia	le	In	TI	11	U
Sample Description	Units	ppm	PPm	ppm	%	ppm	%	Ppm	ppm							
	LOR	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	0.1
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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Project: Canyon Gold

$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	ample Description	Method Analyte Units LOR	ME-MS61 V Ppm 1	ME-MS61 W Ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Au-AA24 Au ppm 0.005	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	479176		118	57	31.4	121	120.0	0.008	· · · ·
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	479177		107	5.4	23.3	118	81.6	0.006	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	479178		34	14	94	27	20.8	0.005	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	479179		32	1.2	7.6	17	16.6	<0.005	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	479180		32	1.7	6.6	24	22.1	0.050	
171102 161 6.4 31.5 142 130.0 0.017 179182 45 2.7 72.3 111 245 0.005 179184 91 8.4 37.7 93 115.5 0.006 179185 111 3.6 23.3 99 93.6 0.006 179186 142 4.0 26.9 136 108.0 0.009 179187 143 3.9 24.7 150 103.5 0.005 179188 155 5.0 28.0 129 107.0 0.011 179189 152 4.1 26.1 116 113.5 0.008 179190 153 4.5 27.2 110 124.5 0.010 179192 134 3.7 23.6 114 93.5 0.009 179192 134 3.7 23.6 114 93.5 0.008 179193 150 4.1 27.6 132 115.5 0.008 179194 148 4.0 25.8 137 103.0	479181		124	4.5	26.0	07	114.5	0.010	
179183 45 2.7 72.3 111 245 0.005 179184 91 8.4 37.7 93 115.5 0.007 179185 111 3.6 23.3 99 93.6 0.006 179186 142 4.0 26.9 136 108.0 0.009 179186 143 3.9 24.7 150 103.5 0.005 179187 143 3.9 24.7 150 103.5 0.005 179188 155 5.0 28.0 129 107.0 0.011 179189 152 4.1 26.1 116 113.5 0.008 179190 153 4.5 27.2 110 124.5 0.010 179191 154 4.1 26.2 126 108.5 0.007 179192 134 3.7 23.6 114 93.5 0.009 179192 134 3.7 23.6 114 93.5 0.008 179193 150 4.1 27.6 132 115.5	479182		151	64	31.5	142	130.0	0.017	
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 23.6 114.9 93.5 0.008 479193 155 4.1 26.8 137 103.0 0.008 479193 156 4.1 27.6 132 115.5 0.008 479193 148 4.0 25.8 137 103.0 0.008 479195 4 7.3 58.5 89 25	479183		45	2.7	72.3	111	245	0.005	
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 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 479192 134 3.7 23.6 114 93.5 0.009 479193 150 4.1 27.6 132 115.5 0.008 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 479195 4 7.3 29.8 139 114.5 0.016	479184		91	8.4	37.7	93	115.5	0.007	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	479185		111	3,6	23.3	99	93.6	0.006	
179387 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 479192 134 3.7 23.6 114 93.5 0.009 479193 150 4.1 26.2 126 108.5 0.007 479192 134 3.7 23.6 114 93.5 0.008 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	479186		142	4.0	26.9	136	108.0	0.009	
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 0.008 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	479187		143	3.9	24.7	150	103.5	0.005	
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	479188		155	5.0	28.0	129	107.0	0.011	
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	479189		152	4.1	26.1	116	113.5	0.008	
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	479190		153	4.5	27.2	110	124.5	0.010	
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	479191		154	4.1	26.2	126	108.5	0.007	
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	479192		134	3.7	23.6	114	93.5	0.009	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	479193		150	4.1	27.6	132	115.5	0.008	
479195 4 7.3 58.5 89 252 0.020 479196 137 4.3 29.8 139 114.5 0.016	479194		148	4.0	25.8	137	103.0	0.008	
479196 137 4.3 29.8 139 114.5 0.016	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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Project: Canyon Gold

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi PPm 0.01	ME-MS61 Ca % 0.01	ME~MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	MEMS61 Cr ppm 1	MEMS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
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



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

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CERTIFICATE OF ANALYSIS WH10112969

ample Description	Method	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
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	PPm	ppm	ppm	%	ppm	ppm	%	ppm	PPm	%	ppm	PPm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	S	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	40.6
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 479203 479204 479205 479205 479206		4.15 3.45 3.27 3.25 2.69	22.2 22.7 20.2 26.0 24.4	0,15 0.19 0.19 0.21 0.19	3.6 3.7 3.4 4.2 3.9	0.35 0.30 0.20 0.30 0.22	0.077 0.075 0.064 0.083 0.077	2.31 2.50 2.10 2.37 2.55	42.2 40.3 40.1 47.3 45.7	99.2 99.6 130.0 124.5 112.0	0.97 0.77 0.68 0.73 0.60	595 448 401 389 340	2.73 2.18 2.21 3.51 2.30	0.43 0.36 0.37 0.37 0.33	22.2 20.2 19.2 22.9 20.8	51.8 50.7 44.7 58.6 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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									C	ERTIFIC	CATE O	F ANAL	.YSIS	WH10:	112969	
ample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	MEMS61	MEMS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	PPm	ppm	PPm	PPm	%	PPm	PPm	PPm	PPm	PPm	PPm	PPm	PPm	%	ppm
	LOR	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
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 479203 479204 479205 479205 479206		900 800 950 2300 600	22.3 23.0 21.2 28.4 26.1	169.0 189.5 155.5 170.5 181.5	<0.002 <0.002 <0.002 <0.002 <0.002	0.16 0.13 0.14 0.35 0.13	5.88 4.78 4.11 5.37 4.13	16.6 16.5 13.8 19.1 16.3	3 3 5 4	3.8 3.7 3.4 4.2 4.0	142.0 128.0 115.5 148.5 120.5	1.58 1.46 1.39 1.68 1.52	0.05 0.05 <0.05 0.06 0.05	14.2 14.1 12.9 16.5 15.6	0.511 0.483 0.391 0.508 0.480	1.08 1.19 0.99 1.32 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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Project: Canyon Gold

	Method Analyte	ME-MS61 U	ME-MS61 V	ME-MS61 W	ME-MS61 Y	ME-MS61 Zn	ME-MS61 Zr	
ample Description	Units LOR	ррт 0.1	PPm 1	ррт 0.1	Фрт 0.1	ppm 2	ррт 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	<i>l.</i> 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

ample Description	Method Analyte Units LOR	WE1-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag PPm 0.01	ME-MS61 A! % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd PPm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr PPm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 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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Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga PPm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf PPm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn PPm 5	ME-MS61 Mo PPm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb PPm 0.1	ME-MS61 Ni PPm 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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Project: Canyon Gold

ample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb Ppm 0.5	ME-MS61 Rb Ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 5 % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se pPm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr pPm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te Ppm 0.05	MEMS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl Ppm 0.02
479151 479152 479153 479154 479154		280 600 90 590	6.2 16.8 13.9 18.8	55.9 91.3 50.7 97.0	<0.002 0.002 <0.002 0.002	0.14 0.22 0.16 0.21	4.47 2.82 0.84 2.56 2.01	13.4 12.8 2.9 11.8	1 2 1 1	1.1 2.2 0.8 2.2	188.5 227 208 211	0.60 0.84 0.34 0.83	<0.05 <0.05 <0.05 <0.05	5.9 11.6 10.7 12.9	0.213 0.321 0.101 0.294	0.34 0.50 0.29 0.53
479155 479156 479157 479158 479159 479160		800 290 650 460 890	21.2 6.9 25.8 16.2 18.5	95.5 72.7 99.9 96.7 107.0	0.002 0.002 0.002 0.002 0.002 0.002	0.14 0.27 0.12 0.16 0.18 0.19	2.49 3.11 1.67 0.51 1.84	12.9 11.8 12.4 11.6 13.5	2 1 2 1 2	2.3 1.2 2.4 2.1 2.9	222 210 217 153.0 251	0.86 0.58 0.96 0.85 1.13	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05	12.3 7.3 11.6 10.8 11.3	0.335 0.206 0.341 0.266 0.434	0.35 0.62 0.35 0.57 0.55 0.62
479161 479162 479163 479164 479165		810 560 650 750 800	17.3 13.8 17.5 15.9 13.8	98.7 78.9 98.6 95.4 86.7	0.003 <0.002 0.003 0.002 0.002	0.18 0.12 0.16 0.16 0.16	1.55 0.49 1.38 1.43 1.36	12.6 15.5 11.1 11.9 11.6	2 1 2 2 2	2.4 1.7 3.4 2.5 2.2	251 242 219 241 240	0.90 0.57 1.22 1.02 1.02	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05	10.6 8.9 12.8 11.0 9.8	0.392 0.267 0.336 0.383 0.398	0.58 0.40 0.64 0.55 0.52
479166 479167 479168 479169 479170		630 500 870 760 790	20.0 26.1 19.7 18.2 20.4	98.1 121.5 114.5 104.5 104.0	0.003 <0.002 0.002 <0.002 0.002	0.13 0.11 0.16 0.17 0.17	1.37 1.37 1.61 1.57 1.68	12.3 11.7 15.2 14.0 12.6	2 2 3 2 2	3.0 4.1 3.2 2.9 3.2	257 185.5 276 273 250	1.08 1.61 1.27 1.15 1.30	<0.05 <0.05 <0.05 <0.05 <0.05	11.3 17.1 12.4 11.7 14.2	0.360 0.305 0.427 0.398 0.411	0.56 0.65 0.62 0.59 0.68
479171 479172 479173 479174 479174 479175		990 1000 1330 1050 940	17.2 17.6 13.6 16.0 18.9	90.9 91.4 75.2 87.3 93.6	0.002 0.002 <0.002 0.002 0.002	0.17 0.18 0.17 0.18 0.24	1.59 1.61 1.43 1.70 2.08	12.9 13.2 13.1 13.4 13.6	3 2 2 2 2	2.5 2.6 2.3 2.5 2.6	285 267 379 290 295	1.25 1.15 1.61 1.33 1.23	<0.05 <0.05 <0.05 <0.05 <0.05	12.0 12.1 9.8 11.4 12.6	0.482 0.465 0.624 0.497 0.450	0.61 0.61 0.50 0.56 0.65



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Project: Canyon Gold

	Method Analyte Units	ME-MS61 U ppm	ME-MS61 V ppm	ME-MS61 W ppm	ME-MS61 Y ppm	ME-MS61 Zn ppm	ME-MS61 Zr ppm	
ample Description	LOR	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 70	0.6	8.4 17.0	15 79	43.5	
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	
479165		2.9	88	2.1	22.1	00 81	01.5 QR 4	
470166		2.0	00	4.5	20.0	77	00.0	
479100		3.1 43	69	4.0	24.0	/ / 89	96.0 127.0	
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	
4/91/4		3.1	111	2.4	23.2	95	97.0	
475175			105	2.4	24.0	91		
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Project: Canyon Gold

Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au PPm 0.005	ME-MS61 Ag PPm 0.01	ME-MS61 Al % 0.01	ME~MS61 As ppm 0.2	ME-MS61 Ba PPm 10	ME-MS61 Be PPm 0.05	ME-MS61 Bi PPm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd PPm 0.02	ME-MS61 Ce PPm 0.01	МЕ-МS61 Со РРт 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs PPm 0.05	ME-MS61 Cu PPm 0.2
	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
	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
	1.57	<0.005	0.14	7.09	1.1	820	2.02	0.25	2.04	0.14	81.4 71.2	11.6	20	4.11	21.9
	1.25	<0.005	0.10	6.90	9.4	830	1.91	0.20	1.77	0.08	76.5	9.0 11.7	38	4.29	19.4
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	1.27	<0.005	0.07	6.96	4.7	900	1.60	0.16	2.79	80.0	54.5	12.6	44	4.27	22.1
	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
	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
	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
	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
	1.39	<0.005	0.10	6.86	10.1	660	1.98	0.22	2.76	0.30	73.3	14.5	4/	4.40	51.4
	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
	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
	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
															.'
	Method Analyte Units LOR	Method Analyte Units LOR WEI-21 Recvd Wt. kg 0.02 1.56 1.01 1.57 0.52 1.25 0.97 1.45 0.95 1.34 1.48 1.16 2.18 1.51 1.58 1.60 1.54 1.27 1.27 1.29 1.48 1.30 1.39 1.15 1.51 1.27 1.27	Wethod Analyte Units LOR WEI-21 Recvd Wt. Au - AA24 Au ppm 0.005 1.56 <0.005	Method Analyte Units LOR WEI-21 Recvd Wt. kg Au-AA24 PPm ME-MS61 Au kg ppm 0.005 0.01 1.56 <0.005	Method Analyte Units LOR WEI-21 Recvd Wt. kg Au-AA24 Au ME-MS61 Ag ME-MS61 Al 1 fecvd Wt. kg ppm ppm ppm % 0.02 0.005 0.16 6.91 0.01 1.56 <0.005	Method Analyte Units LOR WEI-21 Recvd Wt. Au-AA24 Au ME-MS61 Ag ME-MS61 Al ME-MS61 As 101 0.02 0.005 0.01 0.01 0.2 1.56 <0.005	Method Analyte Units WEI-21 kg Au-AA24 ppm ME-MS61 ppm ME-MS61 Al ME-MS61 As ME-MS61 Ba ME-MS61 As ME-MS61 Ba 107 0.02 0.005 0.01 0.01 0.2 10 1.56 <0.005	Method Analyte Units LOR WEI-21 Recvd WL 0.02 Au-AA24 Au ME-M561 Ag ME-M561 Al ME-M561 As ME-M561 Ba ME-M561 Be Units LOR 0.02 0.005 0.01 0.01 0.2 10 0.05 1.56 <0.005	Method Analyte Units LOR Au-AA24 kg Au-A551 Au ME-M551 Ag ME-M551 As ME-M551 Ba ME-M51 Ba ME-M51 Ba	Method Analyte Network W. WE-121 Au Au-A24 Ag ME-MS61 Ag ME-MS61 Ag ME-MS61 Ag ME-MS61 Ag ME-MS61 Ba ME-MS61 Bc ME-MS61 Bc	Method Analyte Analyte Urits LOR ME-M24 Au ME-M561 Ag ME-M561 Ag ME-M561 Ag ME-M561 Ag ME-M561 Ba ME-M561 Ba <td>Method Analyte Analyte WE-X3 Recol Wt. Au Au-AA2 Au ME-M561 Ag ME-M561 PP ME ME <</td> <td>Method hybrid by We-12 (s) As-AX24 (s) ME-MSG1 (s) ME-MSG1 (s)</td> <td>Weith and basis Wei-AS31 Met-MS51 Met-MS1 Met-MS1 Met-MS1 Met-MS1 Met-MS1</td> <td>Methods WE-321 Au-A24 RE-MS31 ME-MS31 ME-MS31</td>	Method Analyte Analyte WE-X3 Recol Wt. Au Au-AA2 Au ME-M561 Ag ME-M561 PP ME ME <	Method hybrid by We-12 (s) As-AX24 (s) ME-MSG1 (s) ME-MSG1 (s)	Weith and basis Wei-AS31 Met-MS51 Met-MS1 Met-MS1 Met-MS1 Met-MS1 Met-MS1	Methods WE-321 Au-A24 RE-MS31 ME-MS31 ME-MS31



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Project: Canyon Gold

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf Ppm 0.1	Hg-CV41 Hg Ppm 0.01	ME~MS61 in Ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn PPm S	ME-MS61 Mo Ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb Ppm 0.1	ME-MS61 Ni ppm 0.2
479218 479219		3.40 3.25	18.25 18.80	0.19 0.19	2.3 2.7	0.24 0.41	0.046 0.048	2.43 2.52	43.7 42.7	22.6 22.2	1.05 0.98	559 486	0.39 0.40	1.02 0.96	12.2 12.9	22.5 22.2
479220 479221 479222		2.83 3.31	16.95 16.70 18.30	0.19 0.16 0.17	2.3 2.0 2.2	0.39 0.27 0.26	0.048 0.042 0.050	2.41 2.03 2.43	42.5 37.1 38.6	21.9 22.0 22.1	0.99 0.77 0.96	544 536 549	0.52 0.41 0.40	1.27 1.38 1.13	13.0 10.4 11.9	23.0 17.5 19.4
479223 479224 479225		4.03 3.38 3.61	18.40 17.00 17.15	0.15 0.16 0.17	1.4 1.9 1.9	0.17 0.23 0.27	0.050 0.048 0.049	2.06 2.26 2.34	24.8 31.8 31.6	21.5 21.6 22.7	1.18 1.10 1.11	649 554 632	0.60 0.62 0.65	1.71 1.36 1.34	11.0 13.0 13.1	13.5 17.3 15.7
479226 479227		3.44 3.40	18.35 19.50	0.20 0.19	2.1 2.4	0.23 0.26	0.049 0.052	2.38 2.60	39.0 48.9	21.3 22.2	1.02	536 498	0.43 0.39	1.28	13.6 13.5	20.9 23.5
479228 479229 479230 479231		3.33 3.51 3.28 3.31	17.75 17.70 17.05 16.25	0.18 0.19 0.18 0.18	2.6 3.0 2.4 2.8	0.22 0.45 0.39 0.44	0.050 0.040 0.044 0.035	2.81 3.46 2.98 3.09	39.4 47.5 41.3 48.5	22.2 18.6 21.8 16.4	1.05 1.05 1.04 1.03	667 643 725	0.97 1.44 1.07 1.33	1.31 1.35 1.26 1.48	15.5 23.5 18.4 21.6	23.2 15.0 18.4 12.3
479232 479233 479234 479235		3.61 3.43 3.80	17.50 16.40 16.15	0.13 0.18 0.14 0.14	2.4 2.9 1.9 1.8	0.28 0.36 0.25 0.19	0.048	3.35 2.30 2.45	42.5 31.4 28.0	17.3 21.1 19.1	1.09 1.08 1.29	708 700 641 757	1.70 0.71 0.81	1.63 1.51 1.58	24.6 14.1 13.9	14.7 11.4 14.0 13.3
479236 479237		3.79 3.63	16.95 16.45	0.17 0.13	1.8 1.5	0.26 0.15	0.051 0.044	2.20 2.08	32.7 24.7	22.4 21.3	1.29 1.19	720 634	0.57 0.54	1.46	12.3 11.4	16.9 16.2
479238 479239 479240 479241 479242		3.32 3.37 3.66 3.34	17.55 17.60 18.20 17.80	0.13 0.17 0.16 0.16 0.15	1.0 2.0 1.9 1.8 1.8	0.20 0.28 0.21 0.17 0.50	0.030 0.048 0.047 0.051 0.049	2.03 2.26 2.34 2.28 2.18	20.0 31.7 35.2 33.0 33.6	21.2 21.2 20.4 23.0 21.6	1.05 1.08 1.13 1.02	612 581 841 595	0.50 0.45 0.48 0.60	1.30 1.31 1.28 1.63 1.26	13.1 12.6 11.7 11.4	16.2 16.9 17.1 16.0 22.7
479243 479244 479245		3.38 3.48 3.60	19.50 18.45 19.30	0.19 0.16 0.16	2.6 2.1 2.6	0.18 0.20 0.37	0.051 0.051 0.049	2.40 2.46 2.99	39.3 30.2 40.0	24.6 22.6 21.9	1.03 1.07 1.09	660 593 664	0.38 0.48 0.94	1.21 1.33 1.37	14.1 14.4 21.0	22.0 18.7 22.1



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Project: Canyon Gold

Sample Description	Method Analyte Units LOR	ME-MS61 P PPm 10	ME-MS61 Pb PPm 0.S	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb PPm 0.05	ME-MS61 Sc PPm 0.1	ME-MS61 Se PPm 1	ME-MS61 Sn PPm 0.2	ME-MS61 Sr PPm 0.2	ME-MS61 Ta PPm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th PPm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti PPm 0.02
479218 479219 479220 479221 479222		450 410 420 340 410	22.8 26.4 29.4 18.8 20.4	121.0 123.0 120.5 98.7 112.5	<0.002 <0.002 <0.002 <0.002 <0.002	0.28 0.27 0.30 0.16 0.22	0.93 0.78 1.00 1.05 0.84	12.3 10.8 12.4 10.9 12.2	2 2 2 2 2 2	2.2 2.4 2.3 1.9 2.2	192.0 176.0 209 231 181.0	0.93 1.01 1.02 0.81 0.93	<0.05 <0.05 <0.05 <0.05 <0.05	17.6 18.1 18.4 15.3 16.0	0.280 0.285 0.277 0.234 0.281	0.64 0.65 0.64 0.48 0.61
479223 479224 479225 479226 479227		490 430 450 430 450	12.2 19.0 19.3 19.4 24.7	84.0 105.0 112.5 120.0 137.0	<0.002 <0.002 <0.002 <0.002 <0.002	0.13 0.20 0.17 0.23 0.26	1.58 1.71 1.89 1.23 1.09	16.7 13.6 13.9 12.4 11.7	2 2 2 2 2	1.9 2.3 2.5 2.3 2.7	228 212 235 201 196.0	0.81 0.98 0.99 1.04 1.07	<0.05 <0.05 <0.05 <0.05 <0.05	10.9 15.8 16.0 16.5 18.5	0.300 0.266 0.272 0.290 0.291	0.54 0.62 0.68 0.63 0.68
479228 479229 479230 479231 479232		500 580 540 510 510	24.0 35.1 31.8 40.3 25.7	124.0 152.5 131.0 141.0 120.5	<0.002 <0.002 <0.002 <0.002 <0.002 <0.002	0.26 0.23 0.27 0.23 0.23	1.70 2.47 2.53 2.69 2.49	10.8 8.9 9.3 8.4 12.0	2 2 2 3 2	3.0 4.1 3.3 3.9 3.3	219 223 228 242 229	1.18 1.82 1.43 1.76 1.40	<0.05 0.10 0.07 0.07 0.07	20.3 35.1 24.2 33.5 22.7	0.270 0.269 0.277 0.241 0.258	0.74 0.89 0.79 0.81 0.77
479233 479234 479235 479236 479237		570 410 470 430 410	69.7 20.9 14.3 19.6 14.1	148.5 105.5 100.0 103.5 85.3	<0.002 <0.002 <0.002 <0.002 <0.002 <0.002	0.20 0.19 0.14 0.20 0.15	2.58 2.16 2.01 1.80 1.71	10.0 12.9 14.3 15.2 15.0	2 2 2 2 2 2	4.2 2.5 2.5 2.2 2.0	232 244 234 244 239	1.95 1.12 1.08 0.95 0.89	0.19 <0.05 <0.05 <0.05 <0.05	35.2 18.3 16.0 16.1 11.5	0.276 0.267 0.274 0.281 0.270	0.93 0.64 0.61 0.58 0.54
479238 479239 479240 479241 479242		400 410 420 410 430	14.5 19.3 19.8 25.3 52.9	102.0 109.0 113.0 104.0 105.0	<0.002 <0.002 <0.002 <0.002 <0.002	0.17 0.20 0.21 0.20 0.20 0.26	1.65 1.71 1.69 1.23 1.33	16.1 12.7 13.2 16.2 13.6	3 2 2 1 2	1.8 2.3 2.2 1.9 2.1	241 221 196.5 214 236	0.79 0.98 0.97 0.88 0.89	<0.05 <0.05 <0.05 <0.05 <0.05	12.0 14.5 15.2 14.6 14.1	0.271 0.283 0.278 0.294 0.281	0.52 0.59 0.59 0.56 0.59
479243 479244 479245		420 460 600	24.8 22.9 27.4	116.0 99.3 129.5	<0.002 <0.002 <0.002	0.22 0.21 0.25	1.24 1.60 2.62	13.5 12.4 10.8	2 2 2	2.5 2.5 3.5	219 225 232	1.07 1.12 1.56	<0.05 <0.05 0.06	17.1 14.2 23.7	0.287 0.298 0.314	0.68 0.65 0.80



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Project: Canyon Gold

Sample Description	Method Analyte Units LOR	м£-MS61 U ррт 0.1	MEMS61 V ppm 1	ME-MS61 W ppm 0.1	M£-MS61 Y pPm 0.1	ME-MS61 Zn Ppm 2	ME-MS61 Zr Ppm 0.5	
479218		3.3	66	2.9	15.6	70	70.3	
479219		3.5	61	1.9	15.0	95	61.5	
479220		3.3	63	1.9	16.6	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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To: CARLOS, ALLEN 275 ALSEK RD WHITEHORSE YT Y1A 4T1

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

Project: Canyon Gold

ample Description	Method	WEI-21	Au-AA24	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	A1	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	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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To: CARLOS, ALLEN 275 ALSEK RD WHITEHORSE YT Y1A 4T1

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Project: Canyon Gold

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	MEMS61	ME-MS61	ME-MS61	ME~MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	PPm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	PPm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.S	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

Sample Description	Method	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
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI
	Units	PPm	PPm	PPm	PPm	%	PPm	ppm	PPm	ppm	ppm	PPm	PPm	PPm	%	PPm
	LOR	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 053507 053508 053509 053510		1760 620 560 660 600	10.6 11.2 12.6 11.1 12.6	60.5 75.7 71.1 71.3 85.6	0.002 0.002 <0.002 <0.002 <0.002	0.24 0.04 0.04 0.04 0.05	1.30 0.47 0.45 0.50 0.53	15.4 8.2 7.5 6.6 8.6	2 2 1 1	2.4 1.4 1.2 1.3 1.6	476 171.5 144.0 137.0 126.5	2.37 0.52 0.43 0.43 0.52	<0.05 0.05 0.05 <0.05 <0.05	7.1 5.8 4.9 5.5 6.3	0.827 0.205 0.206 0.173 0.243	0.31 0.42 0.39 0.41 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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Project: Canyon Gold

Sample Description	Method Analyte Units LOR	ME-MS61 U PPm 0.1	ME-MS61 V ppm 1	MEMS61 W ppm 0.1	ME-MS61 Y PPm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	
053501 053502 053503 053504 053505		3.7 5.1 3.8 1.3 1.5	115 135 147 136 127	5.0 5.8 5.1 5.4 2.3	26.7 29.8 29.0 18.7 19.5	126 144 131 66 65	107.5 125.5 117.5 94.8 93.9	
053506 053507 053508 053509 053510		2.2 1.6 1.4 1.7 1.9	140 70 68 65 79	3.7 4.8 1.3 1.1 1.5	21.6 11.1 10.1 10.6 11.2	79 56 54 49 64	112.0 37.1 33.7 41.7 47.3	
053511 053512 053513 053514 053515		3.3 1.6 1.6 1.7 1.2	153 75 76 76 170	2.4 1.5 1.3 1.4 2.8	15.9 9.6 9.9 11.3 22.5	122 65 64 61 74	69.0 42.7 39.8 44.6 133.5	
053516 053517 053518		1.6 1.9 1.4	68 65 61	1.3 1.4 1.0	11.2 11.1 9.2	56 55 46	41.7 46.2 40.3	

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Project: Canyon Gold

umple Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	MEMS61 As ppm 0.2	ME-MS61 Ba PPm 10	ME-MS61 Be PPm 0.05	ME-MS61 Bl ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co PPm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Си ррт 0.2
)53519		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
)53520		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
)53521		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
353522		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
253525	1	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	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	1	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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Project: Canyon Gold

CERTIFICATE OF ANALYSIS WH10121227

Sample Description	Method Analyte Units LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf PPm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La PPm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm S	ME-MS61 Mo PPm 0.05	MEMS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 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	1	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	28.5
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	- 1	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	1	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	1	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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Fo: CARLOS, ALLEN 275 ALSEK RD WHITEHORSE YT Y1A 4T1

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

Project: Canyon Gold

Sample Description	Method	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	MEMS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	TI	TI
	Units	ppm	ppm	PPm	ppm	%	ppm	PPm	PPm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	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 053520 053521 053522 053523		470 680 720 670 820	14.0 17.6 22.3 17.6 22.8	95.7 98.2 108.5 97.6 112.0	<0.002 <0.002 <0.002 0.002 <0.002 <0.002	0.05 0.06 0.05 0.12 0.14	0.80 0.95 0.93 1.24 1.54	8.1 9.2 10.0 9.9 13.9	1 2 2 2 3	2.9 2.8 4.7 2.3 2.6	164.0 164.0 154.5 146.5 155.5	0.84 0.86 1.35 0.75 0.87	0.05 <0.05 <0.05 <0.05 0.05	8.2 8.7 13.6 8.9 10.7	0.228 0.226 0.272 0.257 0.326	0.56 0.55 0.66 0.62 0.82
053524 053525 053526 053527 053528		1570 630 580 580 2090	31.3 16.7 19.4 17.1 23.4	141.0 60.6 50.1 71.6 127.0	0.002 0.002 <0.002 <0.002 <0.002 0.002	0.22 0.18 0.08 0.06 0.07	2.37 1.07 1.05 1.18 1.22	18.8 9.1 7.3 10.0 18.8	4 2 2 2 3	4.6 1.4 1.1 1.7 3.0	146.5 129.0 145.0 108.5 163.5	1.48 0.49 0.38 0.55 0.99	0.10 0.05 <0.05 <0.05 <0.05 0.07	16.6 7.0 5.6 8.2 14.0	0.405 0.194 0.148 0.215 0.356	1.17 0.40 0.35 0.54 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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To: CARLOS, ALLEN 275 ALSEK RD WHITEHORSE YT Y1A 4T1

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

Project: Canyon Gold

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 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

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LIST OF CLAIMS

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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
X	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
D	MAVERICK 24	YC26066	2018/12/27 A.M. Carlos	100.00	105K02

Lert 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



Claim Status Report

	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:

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

Lolumn indicator legend:

- R Indicates the claim is on one or more pending renewal(s).
- ${\bf P}$ 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

Total claims selected : 351

B - Indicates Placer Fraction


APPENDIX 5

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STATEMENT OF QUAL FICATIONS

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,

Corla

Allen M. Carlos, PROSPECTOR