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ASSESSMENT REPORT

describing

EXCAVATOR TRENCHING

at the

TOULEARY PROPERTY

TL 1-109	YC76097-YC76205
110-183	YC93602-YC93675
184-580	YD30404-YD30800
581-632	YD31571-YD31622

NTS 115O/02, 03 and 115J/14
Latitude 62°57'N; Longitude 139°10'W

located in the

Dawson Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

ATAC RESOURCES LTD.
and
ARCUS DEVELOPMENT GROUP INC.

by

H. Smith, B.Sc., P.Geo.
April 2011

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INTRODUCTION

The Touleary property is located in western Yukon and is owned 100% by ATAC Resources Ltd. subject to an option agreement with Arcus Development Group Inc. The property is located in the headwaters of four creeks that host historical and active placer gold operations. These creeks are in the southern part of the prolific Klondike Goldfields. The property also lies within the same favourable lithological package as the nearby White Gold and Black Fox hard rock gold discoveries, which are being explored by Kinross Gold Corporation.

This report describes an excavator trenching program that was conducted by a one to three person crew intermittently between July 9 and September 4, 2010. The work was done by Archer, Cathro & Associates (1981) Limited on behalf of Arcus. The author directed and participated in the program, and her Statement of Qualifications is in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Touleary property comprises 632 contiguous mineral claims in the Thistle Mountain area. The claims lie at latitude 62°57'N and longitude 139°10'W on NTS map sheets 115O/02, 03 and 115J/14 as shown on Figure 1. The property covers an area of approximately 12,800 ha (128 sq km). They are registered with the Dawson Mining Recorder in the name of Archer Cathro, which holds them in trust for ATAC. Claim data are listed below while the locations of individual claims are illustrated on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
TL 1-109	YC76097-YC76205	April 29, 2015
110-183	YC93602-YC93675	April 29, 2015
184-580	YD30404-YD30800	August 31, 2011
581-632	YD31571-YD31622	August 31, 2011

* Expiry dates include 2010 work that has been filed for assessment credit but not yet accepted.

Mobilization of crew and gear into the Touleary area was via small fixed wing aeroplanes operated by Great River Aviation from its base at the Dawson City Airport. Mobilization was from Dawson to Kirkman Creek where the crew stayed at the FellHawk placer operation. During the program the crew used a Kawasaki 610 Mule all-terrain vehicle to drive along existing roads to access the trenching area. A Komatsu 325 excavator owned and operated by FellHawk was used to during the 2010 trenching program.

HISTORY

The Thistle Mountain area has a rich placer gold mining history dating back to 1898. Recorded hard rock exploration in the area started in 1936. Mining and exploration histories are described in more detail in the following paragraphs.

**ARCUS DEVELOPMENT GROUP
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FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

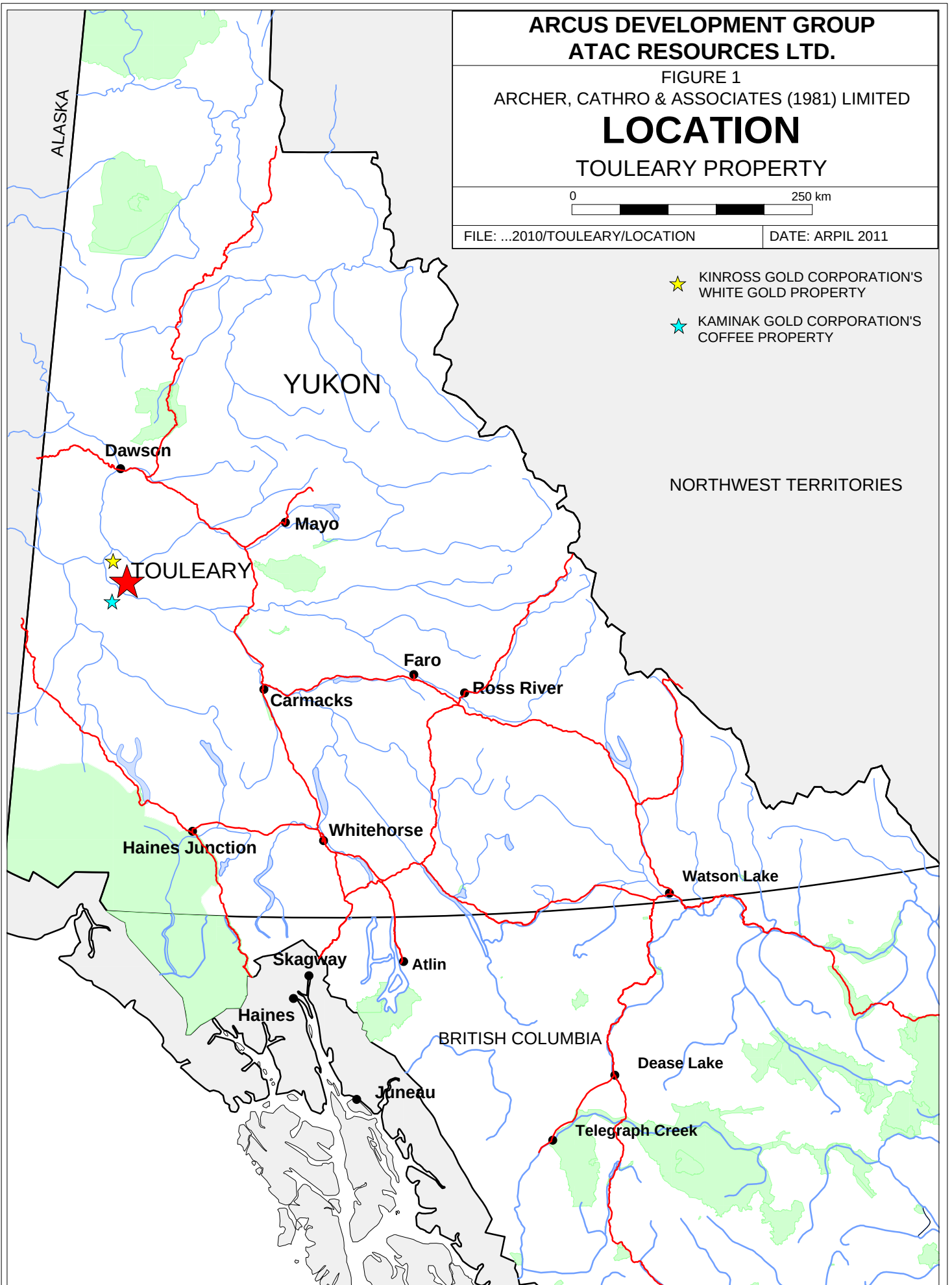
LOCATION
TOULEARY PROPERTY

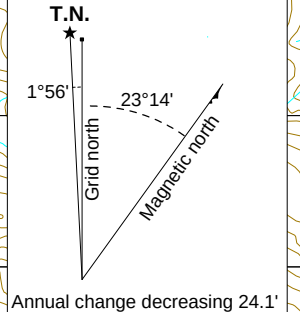
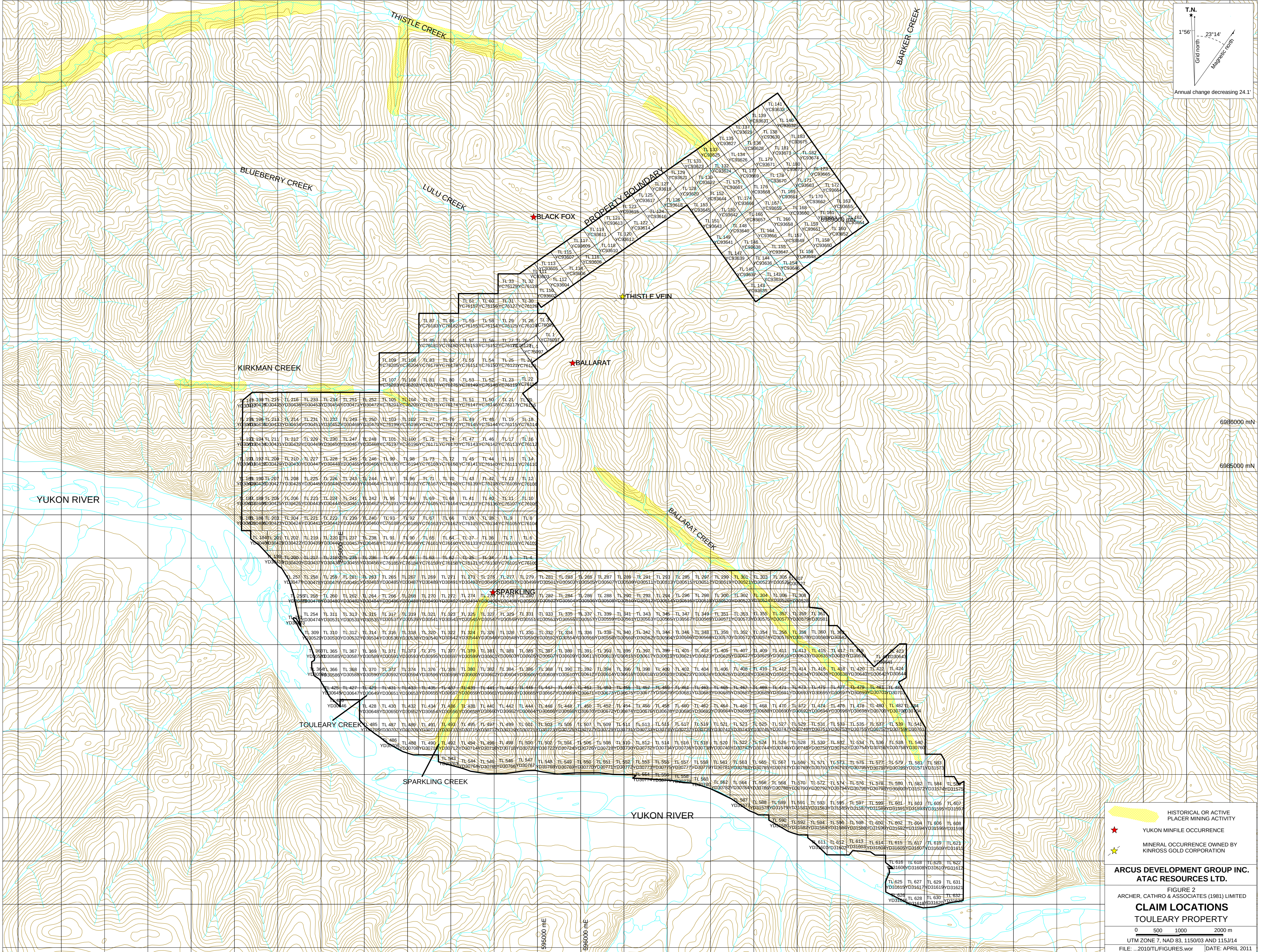
0 250 km

FILE: ...2010/TOULEARY/LOCATION

DATE: APRIL 2011

- ★ KINROSS GOLD CORPORATION'S WHITE GOLD PROPERTY
- ★ KAMINAK GOLD CORPORATION'S COFFEE PROPERTY





**ARCUS DEVELOPMENT GROUP INC.
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FIGURE 2
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**CLAIM LOCATIONS
TOULEARY PROPERTY**

0 500 1000 2000 m
UTM ZONE 7, NAD 83, 1150/03 AND 115J/14
FILE: ...2010/TL/FIGURES.wor DATE: APRIL 2011

Placer History

Thistle, Kirkman, Ballarat and Sparkling creeks are placer gold producers that drain areas covered by the Touleary property (Figure 2). In addition, Touleary Creek is listed as a watercourse with past placer activity but it is not currently staked. A 1.06 ounce gold nugget was reportedly recovered by panning on Touleary Creek in the early 1980's (pers. comm., J. Stephen). Table I below lists gold production from the primary placer creeks in the Touleary property area.

Table I – Placer Production (after LeBarge, 2007)

Creek	Status	Production (oz. year to year)	Fineness
Thistle	Active	81,540 (1949 to 2006)	848 to 895
Kirkman	Active	13,943 (1914 to 2006)	860 to 896
Sparkling	Not active	2761 (1997 to 1998)	880
Ballarat	Active	16,078 (1978 to 2005)	860

Hard Rock History

Three historical mineral occurrences lie just off the Touleary property (Ballarat –115J 061, Black Fox –115O 014 and Touleary –115J 060). These occurrences are described in the following paragraphs, and their locations are shown on Figure 2.

The Ballarat Occurrence is located on the west side of Ballarat Creek, 700 m east of the property. It was originally staked in 1936. Those claims were allowed to lapse and no further work was until 1990, when Sparkling Minerals Incorporated performed prospecting, geological mapping and geochemical sampling. In 1990, Sparkling Minerals identified two styles of quartz veining at this occurrence. The first style is inferred to be epithermal and consists of massive interlocking white quartz crystals with occasional fine grained disseminated pyrite and specular hematite. The other style is thought to have originated from a mesothermal system and features quartz with feldspar. The epithermal veins are up to two metres wide and have vertical dips. Limonite forms up to 3% of these veins as fracture coatings and veinlets, while specular hematite comprises approximately 5%. Sparkling Minerals reported that a quartz vein sample with 1% galena yielded 31.71 g/t gold, 75.43 g/t silver and 1.5 % lead and that soil sampling returned up to 811 ppb (Andersen, 1991). In 1993, a small trenching program was completed and in 1998, additional soil and stream sediment sampling was performed. The highest gold-in-soil value from this work was 65 ppb (Andersen, 1999). No mineralization or geochemical anomalies are reported from the mesothermal veins.

The Black Fox Occurrence lies 1000 m north of the property on Lulu Creek, a tributary of Thistle Creek. It was originally staked in 1901 and was restaked in 1910 and again in 1914. From 1970 to 1995, a number of companies staked claims and explored within the area surrounding this occurrence. The most noteworthy results were from a VLF-EM geophysical survey that Faith Mines Ltd. performed in 1995. This survey identified several linear conductors oriented parallel to a large fault (Southam, 1995a), but follow-up soil sampling, which was done

at 25 m intervals on lines spaced 200 m apart over the VLF-EM conductors, returned only background values (Southam, 1995b).

The Touleary Occurrence is located 650 m south of the property on Touleary Creek. The Minfile database speculates that quartz claims were staked based on previous placer activity. There is no record of any assessment reports having ever been filed for this occurrence.

In 1980, Archer Cathro performed regional exploration in the Dawson Range district for the NAT Joint Venture (NAT JV), which comprised Chevron Canada Limited and Armco Mineral Exploration Ltd. The NAT JV program involved reanalyses of splits from over 5000 previously collected samples for gold, silver, arsenic and lead, plus follow up geochemical sampling (Archer and Onasick, 1980). A number of silt samples were collected from creeks draining the current Touleary property. These samples returned background to moderately anomalous values for gold-in-silt (up to 28 ppb). Limited follow-up soil sampling returned only background values.

ATAC staked the initial claims comprising the Touleary property in April 2009 and soon afterward optioned them to Arcus. Work performed in 2009 included geochemical sampling and prospecting (Smith, 2009). A total of 65 rock and 2166 soil samples were collected for analysis. Results from this work were encouraging. The most anomalous rock sample was a limonitic quartz vein with dark grey metallic sulphide patches and rare arsenopyrite blebs, which returned 2.8 g/t gold. Three anomalous zones (Anomalies A to C) were identified through soil sampling. Anomaly A features gold-in-soil values up to 304 ppb, but lacks arsenic support. Anomalies B and C are arsenic-rich (20 to 324 ppm) but contain only background gold values.

In summer 2010, Arcus expanded the Touleary property based on exploration success of companies working nearby, particularly Kinross and Kaminak Gold Corporation.

GEOMORPHOLOGY

The claims overlie an area of moderate relief immediately east of Yukon River. Local elevations range from 730 to 1480 m above sea level. Treeline in the area is approximately 1400 m. Higher elevations are lightly vegetated with moss and scrub brush while lower elevations support a mixture of deciduous and evergreen forest with thick buckbrush-, willow- and moss-covered slopes. Bedrock is exposed along ridges and spines at higher elevations and in road cuts at lower elevations.

The Touleary property is located in part of the Dawson Range that escaped Pleistocene glaciation and consequently, the landscape is mature with dendritic drainages forming radial fans off the flanks of upland domes.

Soil profiles in the Dawson Range are complex compared to most other places in Yukon. Due to the absence of glaciation, ridges and spines are deeply weathered and often leached. On hillsides and valley bottoms, the soil profile from surface to bedrock typically consists of the following: a layer of organic matter, which ranges from 10 to 50 cm thick; a layer of volcanic ash from the Mount Churchill eruption, which varies from 0 to 20 cm thick; a layer comprised of loess mixed

with soliflucted B and C-horizon residual soil, which ranges from 0 to more than 100 cm thick; and a layer of C-horizon residual soil (Bond, 2007).

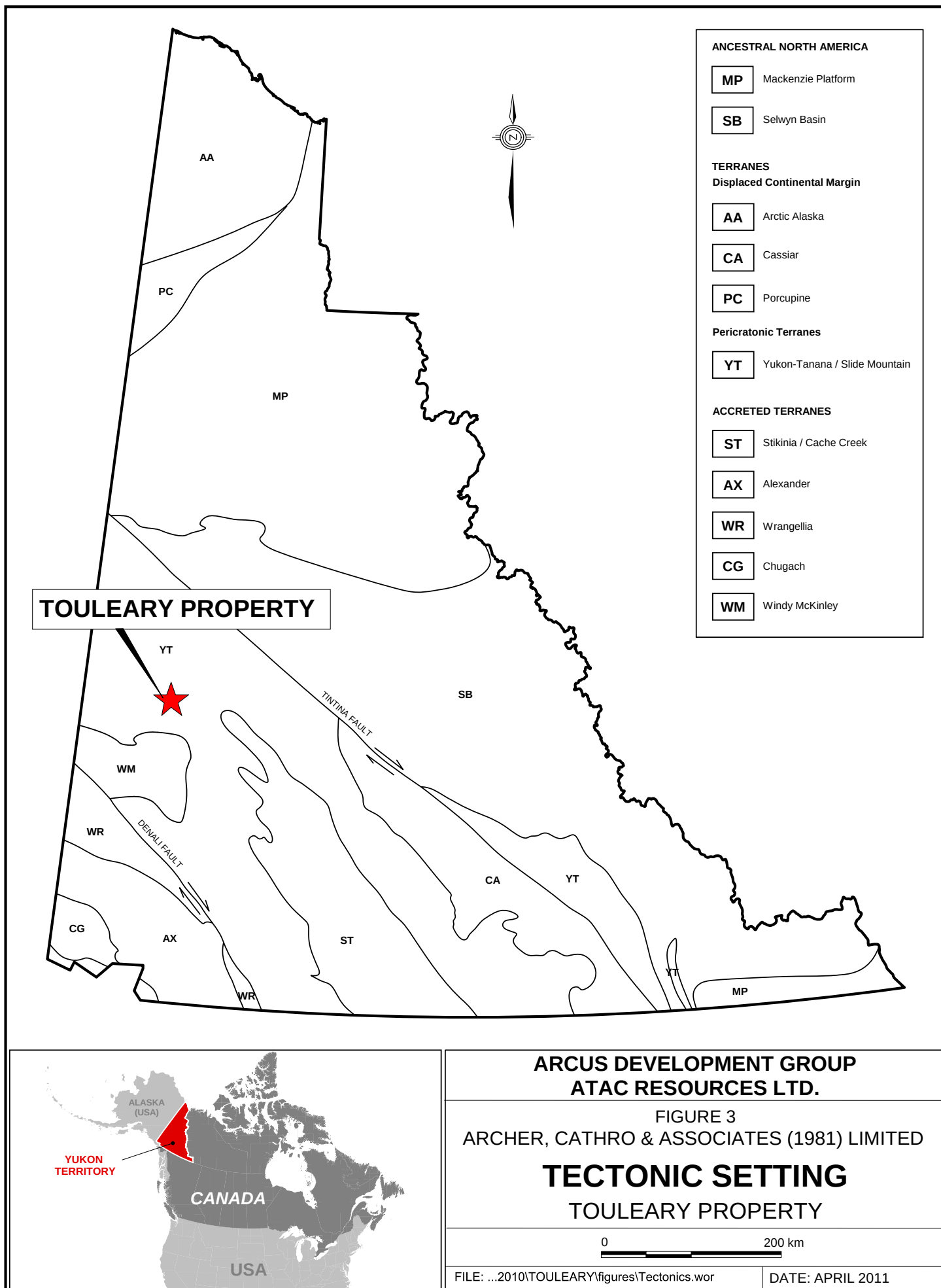
The west and central parts of the property are drained by numerous creeks that flow directly to the Yukon River. The eastern part of the property is drained by two main creeks that flow to the Stewart River, a major tributary of the Yukon River.

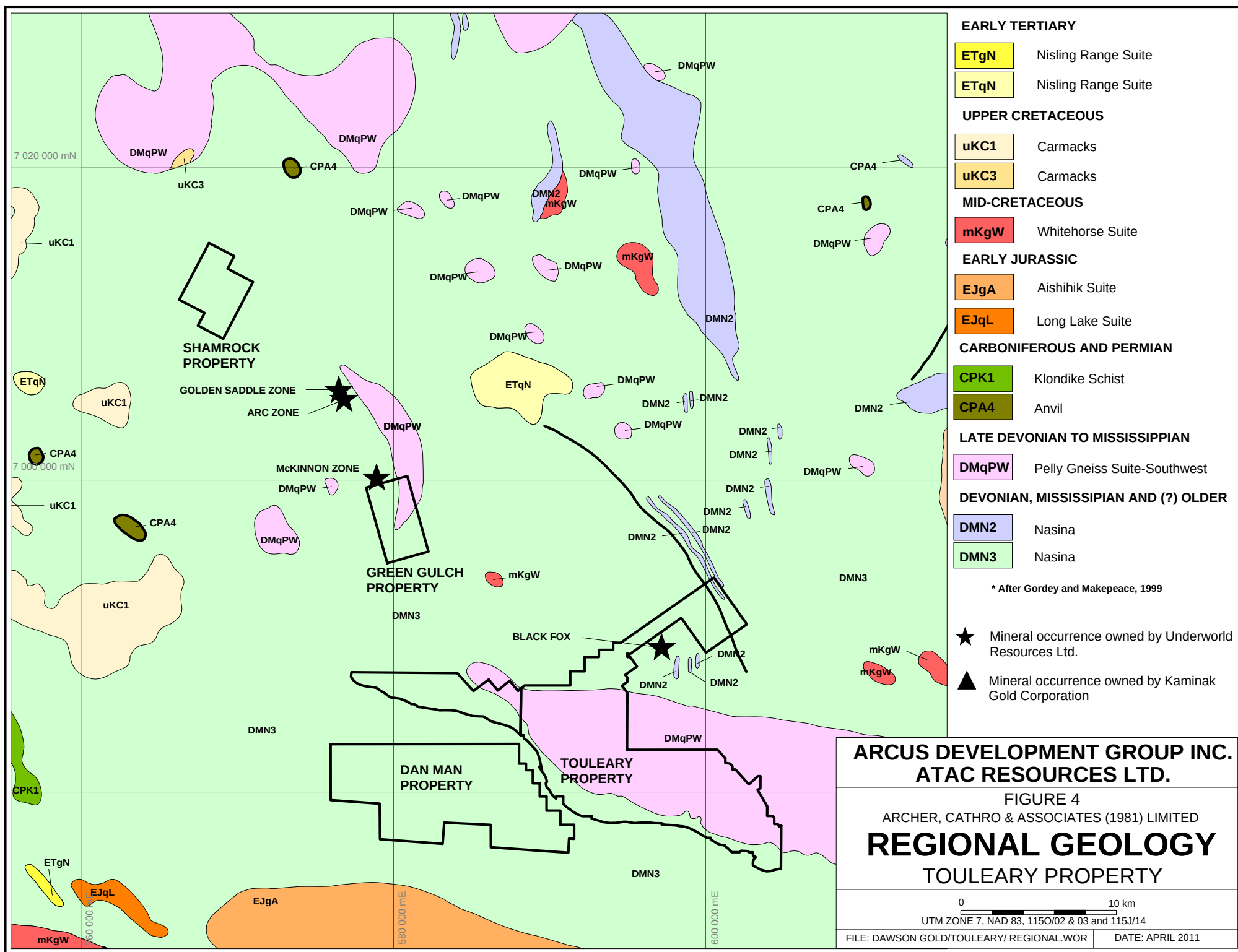
REGIONAL GEOLOGY

The Touleary property lies within the Yukon-Tanana Terrane approximately 100 km southwest of the Tintina Fault (Figure 3). Table II contains a brief summary of the main lithologies in the area. Figure 4 illustrates the distribution of those lithologies.

Table II - Regional Lithologies (After Gordey and Makepeace, 2003)

Unit	Period	Description
ETqN	Early Tertiary	Nisling Range Suite: Series of felsic intrusives ranging in composition from granodiorite to mafic-poor granite.
uKC1	Upper Cretaceous	Carmacks Group (1): Volcanic succession dominantly olivine basalt and breccia; hornblende-feldspar porphyry and andesite and dacite flows with minor sandy tuff, granite boulder conglomerate, agglomerate and associated epiclastic rocks.
uKC3	Upper Cretaceous	Carmacks Group (3): Medium bedded, poorly sorted, coarse- to fine-grained sandstone, pebble conglomerate, shale, tuff and coal; massive to thick bedded locally derived granite or quartzite pebble to boulder conglomerate.
mKgW	Mid-Cretaceous	Whitehorse Suite: Felsic intrusives ranging in composition from quartz monzonite to leucogranite.
EJgA	Early Jurassic	Aishihik Suite: Medium to coarse grained, foliated biotite-hornblende granodiorite; biotite rich gneiss; foliated hornblende diorite to monzodiorite with local potassium-feldspar megacrysts.
EJqL	Early Jurassic	Long Lake Suite: Felsic, massive to weakly foliated, fine to coarse grained biotite, biotite-muscovite and biotite-hornblende quartz monzonite to granite. Commonly hosts potassium feldspar megacrysts.
CPK1	Carboniferous to Permian	Klondike Schist (1): Tan to rusty and black weathering muscovite and/or chloritic quartzite and quartz-muscovite-chlorite schist; quartz and/or feldspar augen-bearing quartz-muscovite (+/-chlorite) schist; includes augen gneiss and amphibolite.
CPA4	Carboniferous to Permian	Anvil Range Group (4): Dunite, peridotite, gabbro, pyroxenite, harzburgite with minor diorite, hornblende and diabase; serpentinite, orange weathering quartz-





		carbonate rock with minor green chromian muscovite, talc-carbonate schist and carbonatized ultramafic rocks.
DMqPW	Late Devonian to Mississippian	Pelly Gneiss Suite: Foliated equigranular, medium grained muscovite quartz monzonite, moderately to strongly foliated K-feldspar augen quartz monzonitic to granitic gneiss.
DMgPW	Late Devonian to Mississippian	Pelly Gneiss Suite: Foliated medium grained, homogenous biotite granite gneiss to biotite or hornblende granodiorite gneiss; includes interfoliated amphibolite, quartz-mica schist and phyllites.
DMN2	Devonian, Mississippian and older (?)	Nasina Assemblage (2): Marble.
DMN3	Devonian, Mississippian and older (?)	Nasina Assemblage (3): Quartzite, micaceous quartzite, quartz-muscovite schist, and minor metaconglomerate and metagrit. May locally include significant Nisling Assemblage.

PROPERTY GEOLOGY

In 2009, property-scale geological orientation was done during prospecting traverses conducted over a four day period. The orientation was confined to areas where bedrock exposures were expected to occur, such as ridges, spines and access roads. All observed bedrock on the property belongs to either the Pelly Gneiss Suite (DMqPW) or the highly strained Nasina Assemblage (DMN3). No property-scale map has been generated.

In 2010, geological mapping was confined to excavator trenches and are described in the Excavator Trenching and Rock Geochemistry section below.

REGIONAL MINERALIZATION

Numerous mineral occurrences and showings are hosted within unit DMN3 in the vicinity of the Touleary property. The two most noteworthy examples are the Golden Saddle Zone on the White Gold property and the Thistle Vein on the Black Fox property. In spring 2010, Kinross acquired the White Gold and Black Fox properties from Underworld Resources Ltd., and since that time results from exploration programs completed on its properties have not been released.

Golden Saddle Zone lies 25 km northwest of the Touleary property. Underworld reported multiple styles of gold mineralization at Golden Saddle; however, most of the gold is hosted within quartz-albite-carbonate breccias with minor disseminated pyrite. The following table lists highlights from Underworld's 2009 drill program at Golden Saddle.

**Table III - 2009 Drilling Highlights from Golden Saddle Zone, White Gold Property
(Underworld, 2009)**

Location	Length (m)	Grade (g/t Au)
WD09-29	60.5	3.89
WD09-31	104.0	3.39
WD09-47	31.1	9.20
WD09-64	100.4	3.13
WD09-69	76.9	3.40
WD09-72	49.5	3.49
WD09-91	91.28	3.69
WD09-101	48.75	3.67

The Thistle Vein lies on the Black Fox property, which is mostly surrounded by the Touleary property. Underworld described the Thistle Vein as a 0.4 to 1.0 m thick quartz vein hosting visible gold. Mechanical trenching has reportedly exposed the vein over a 250 m strike length. Grab samples from the vein returned grades ranging from 0.6 to 10 g/t gold (Underworld, 2009). A sample from a 30 cm thick, sulphide rich, foliation-parallel offshoot of the Thistle Vein assayed 9.7 g/t gold; while samples taken from wallrock of the vein returned 17.7 and 0.5 g/t gold (Underworld, 2009). The Thistle Vein is open along strike to the east and west. Its surface trace projects toward the Touleary property, about 1800 m to the southwest and 2400 m to the northeast (Figure 2).

SOIL GEOCHEMISTRY

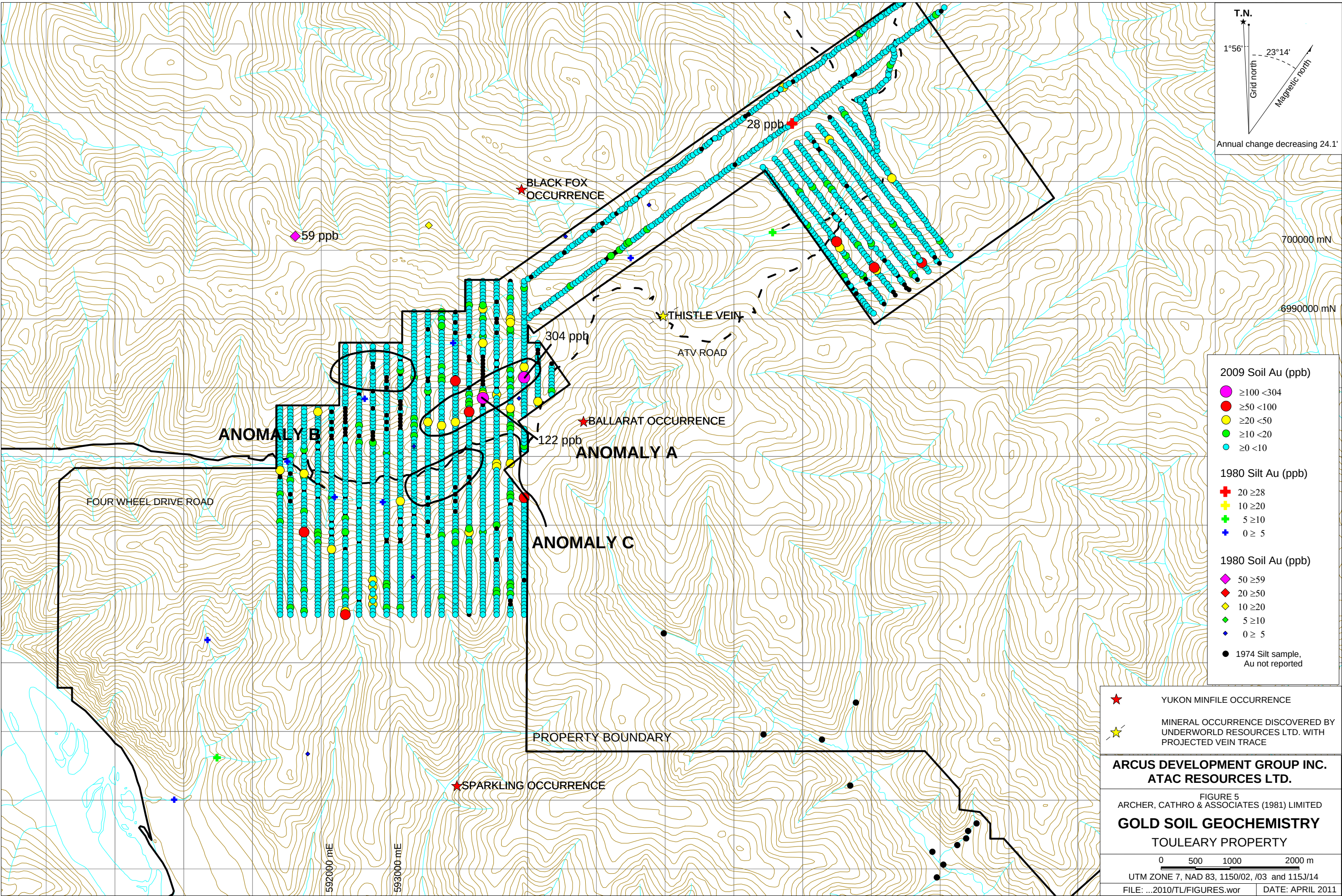
In 2009, 2166 soil samples were collected from the Touleary property at 50 m intervals along lines spaced 200 m apart. One gold anomaly and two arsenic anomalies were identified (Anomalies A, B and C). There is no apparent correlation between gold and arsenic, or any of its other pathfinder elements.

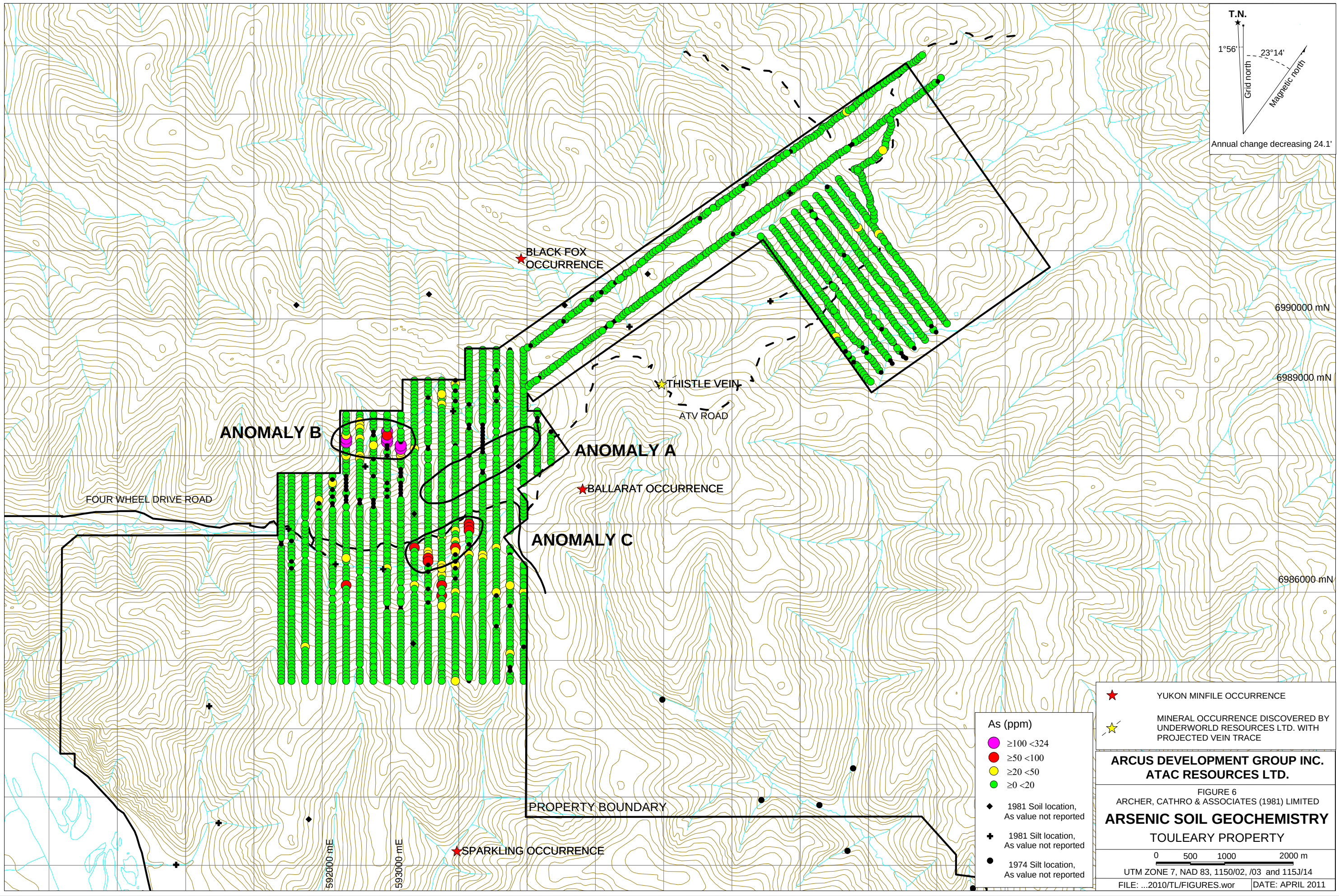
Anomaly A is gold-rich and it is characterized by moderately to strongly elevated values within a 1600 by 150 m, northeasterly elongated zone (Figure 5). Typical samples within this anomaly returned between 20 and 304 ppb gold.

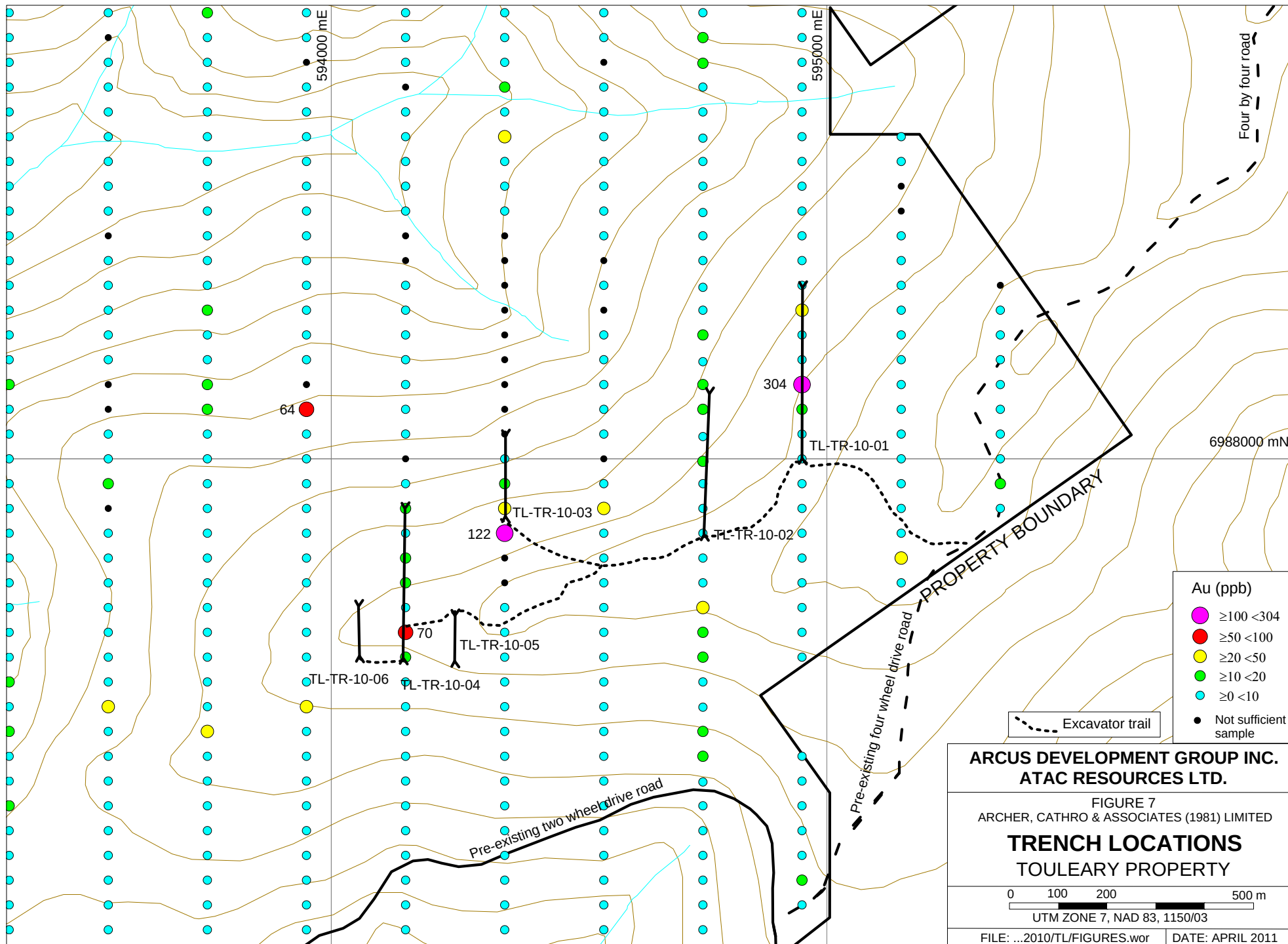
Anomaly B is features strong arsenic values within a 400 m long by up to 200 m wide area. Most samples within this anomaly returned between 20 and 324 ppm arsenic but only background gold values (Figure 6).

Anomaly C is consists of weak to moderate arsenic values within a 1000 by 400 m area. Typical samples within this anomaly returned between 20 and 89 ppm arsenic with background gold values.

No soil sampling was done in 2010.







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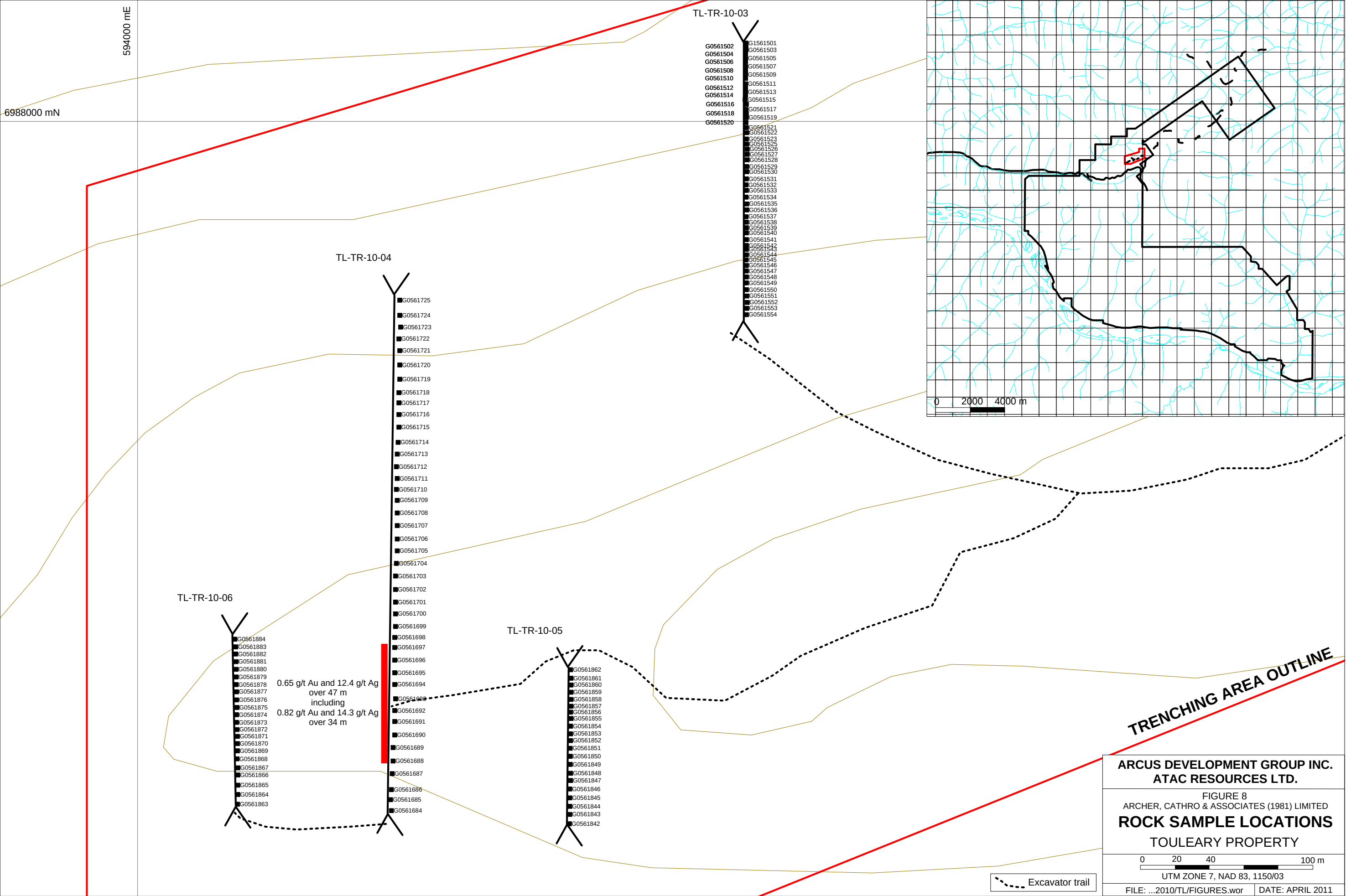
FIGURE 7
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TRENCH LOCATIONS TOULEARY PROPERTY

0 100 200 500 m

UTM ZONE 7, NAD 83, 1150/03

FILE: ...2010/TL/FIGURES.wor DATE: APRIL 2011



ARCUS DEVELOPMENT GROUP INC.
ATAC RESOURCES LTD.

FIGURE 8
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ROCK SAMPLE LOCATIONS
TOULEARY PROPERTY

EXCAVATOR TRENCHING AND ROCK GEOCHEMISTRY

Six trenches totalling 1112 m in length were excavated during the 2010 program (Figure 7). Due to frozen ground conditions, only 562 m of the 1112 m were sampled. In areas where trenches reached bedrock, chip samples were collected at three to five metre intervals and in areas where permafrost affected sampling, composite chip samples were taken from rock and soil along the trench floor. Table IV lists trench specifications.

Table IV– 2010 Excavator Trenching

Trench	Length (m)	South End (easting, northing)	North End (easting, northing)	Samples (#)
TL-10-01	300	594950, 6988002	594951, 6988347	0
TL-10-02	250	594752, 6987848	594763, 6988131	0
TL-10-03	168	594348, 6987884	594351, 6988048	53
TL-10-04	204	594145, 6987598	594149, 6987899	42
TL-10-05	90	597249, 6987592	594250, 6987683	21
TL-10-06	100	594057, 6987602	594055, 6987702	22

One hundred and thirty-eight rock samples were taken during the 2010 trenching program (Figure 8). Trench sections are located in Appendix II. Multi-element analyses (Au-AA24 and ME-ICP41) for rock samples were carried out at ALS Chemex in North Vancouver, B.C. Each sample was dried, fine crushed to better than 70% passing -2 mm and then a 250 g split was pulverized to better than 85% passing 75 micron. The fine fraction was then analyzed for gold using fire assay followed by atomic absorption (AA) finish and for 35 other elements using a nitric acid-aqua regia digestion and ICP analysis. Certificates of Analysis are provided in Appendix III.

Trench 01, the eastern-most trench, was oriented to test the most anomalous gold-in-soil value (304 ppb) from 2009 sampling. This trench did not reach bedrock and was not sampled.

Trench 02 lies 200 m west of Trench 01 and was designed to test the extension of mineralization along strike. Trench 02 did not reach bedrock and was not sampled.

Trench 03 is located 200 m west of Trench 02 and was designed to test a 122 ppb gold-in-soil value. Due to frozen ground and large, blocky talus the trench was terminated before reaching its target length. Near the anomalous soil sample a steep-sided spine prohibited trenching. This spine could be a silicified zone that rises above nearly unaltered rocks. A series of composite chip samples were collected from talus on the floor of Trench 03. Results were disappointing with peak values of 24 ppb gold and 32 ppm arsenic.

Trench 04 lies 200 m west of Trench 03 was oriented to test a 70 ppb gold-in-soil anomaly located in a saddle along a ridge. This trench reached bedrock where it crossed the ridge. A 47 m long section returned 0.65 g/t gold with 12.4 g/t silver including a 34 m section that yielded 0.82 g/t gold and 14.3 g/t silver. The geology of this section comprises: bright orange, fissile mica schist with scorodite and kaolinite on foliation and fracture surfaces; quartz-biotite schist

with rare limonite patches and malachite on foliation and fracture surfaces; and, a number of silicified zones with abundant vuggy and pitted quartz coated with manganese, limonite and scorodite. This package lies immediately south of a distinct shear zone and a thick package of epidote-actinolite ultramafics with serpentinized shear surfaces.

Trenches 05 and 06 were positioned 100 m east and 100 m west of Trench 04, respectively. They were targeted to intersect the strike extensions of the anomalous interval in Trench 04. Although both trenches intersected the same schist unit as hosts the mineralization in Trench 04, only minor alteration, quartz veining, shearing and ultramafic rocks were noted. Results from both of these trenches were low with peak values of 13 ppb gold and 11 ppm arsenic.

DISCUSSION AND CONCLUSIONS

The Touleary property lies within a highly favourable package of rocks in the heart of the White Gold District, which is currently one of the most exciting hard rock exploration plays in Canada.

Soil geochemical surveys conducted over parts of the Touleary property in 2009 identified three anomalous zones. Attempts to excavator trench at Anomaly A, the most gold-rich of the zones, were largely unsuccessful due to frozen ground conditions. Therefore, additional trenching should only be performed on sub-alpine to alpine ridges and spurs or on south-facing slopes, where frost is typically less of a problem.

The next phase of work should include helicopter-borne magnetic surveys across the property. If magnetic highs correspond to known gold-in-soil anomalies, diamond drilling or trenching should be conducted to follow up these targets.

Additional geochemical sampling should also be performed between existing soil lines in areas where moderately to strongly anomalous values are separated by 200 m. Reconnaissance-scale soil sampling should be extended to cover all ridges and spurs on the property. Any anomalies resulting from this reconnaissance sampling should be followed up with grid soil sampling.

Regardless of the geophysical and geochemical results, consideration should be given to drill testing the anomalous zone identified in Trench 04. Based on the bedding and foliation measurements mapped in this trench, the drill should be positioned south of Trench 04 and should drill northward.

Respectfully Submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Heather Smith B.Sc., P.Geo.

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APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Heather Smith, geologist, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address at #604-175 West 1 Street, North Vancouver, British Columbia, V7M 3N9 do hereby certify that:

1. I graduated from the University of British Columbia in 2006 with a B. Sc in Geological Sciences.
2. From 2004 to present, I have been actively engaged in mineral exploration in the Yukon Territory, British Columbia and Northwest Territories.
3. I am a Professional Geoscientist (P.Geo.) with the Association of Professional Engineers and Geoscientists of British Columbia (Member Number 150000).
4. I have personally directed the fieldwork reported herein and have interpreted all data resulting from this work.

Heather Smith, B.Sc., P.Geo.

APPENDIX II

TRENCH SECTIONS TR-10-03 TO TR-10-06

5945000

595000

596000

6988000



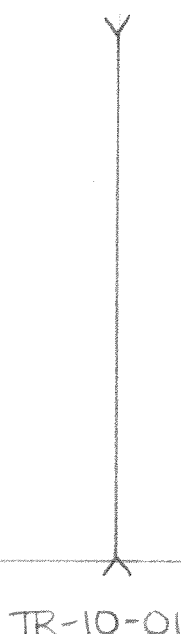
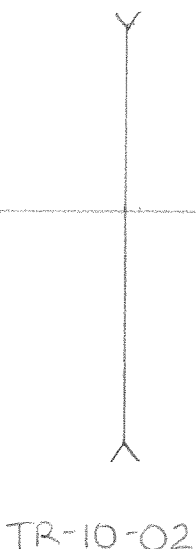
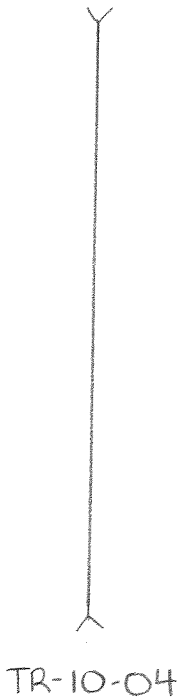
ARCUS DEVELOPMENT GROUP INC

FIGURE 1.

TRENCH LOCATIONS

Touleary Property

UTM ZONE 7 NAD 83 JULY 2010



CC6556A

2009 SOIL

G056501 2010 COMPOSITE

← sample direction

CHIP

Edge of
Talus

Blocky talus w/ rare bedrock.
Frozen and dangerous for
machine. Operator not
comfortable w/ working
in trench

Pale Yw to
tan.
Mustard
coloured
gouge.
Clay alt
SCH w/
Kaolinite
alteration.

G056502

G056501

G056554

G056550

CC65564

G056540

G056530

CC65563

G056520

CC65562

G056510

G056503

594351 mE

6988048 mN

Musc SCH w/ disseminated Py and garnet.

Musc-QZ SCH w/ 10% EPIDOTE

Musc-QZ-CHL SCH

GARNETIFEROUS
QZ-CHL-MICA
SCH.

Fine grained
Chlorite sch
w/ diss Py.

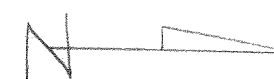
ULTRAMAFIC
CHL-MAGNETITE
DUNITE DYKE w/
QZ LAMINAE

Bedrock
Siliceous
CHL SCH w/
GAR augens
and TR. dissem.
PY.

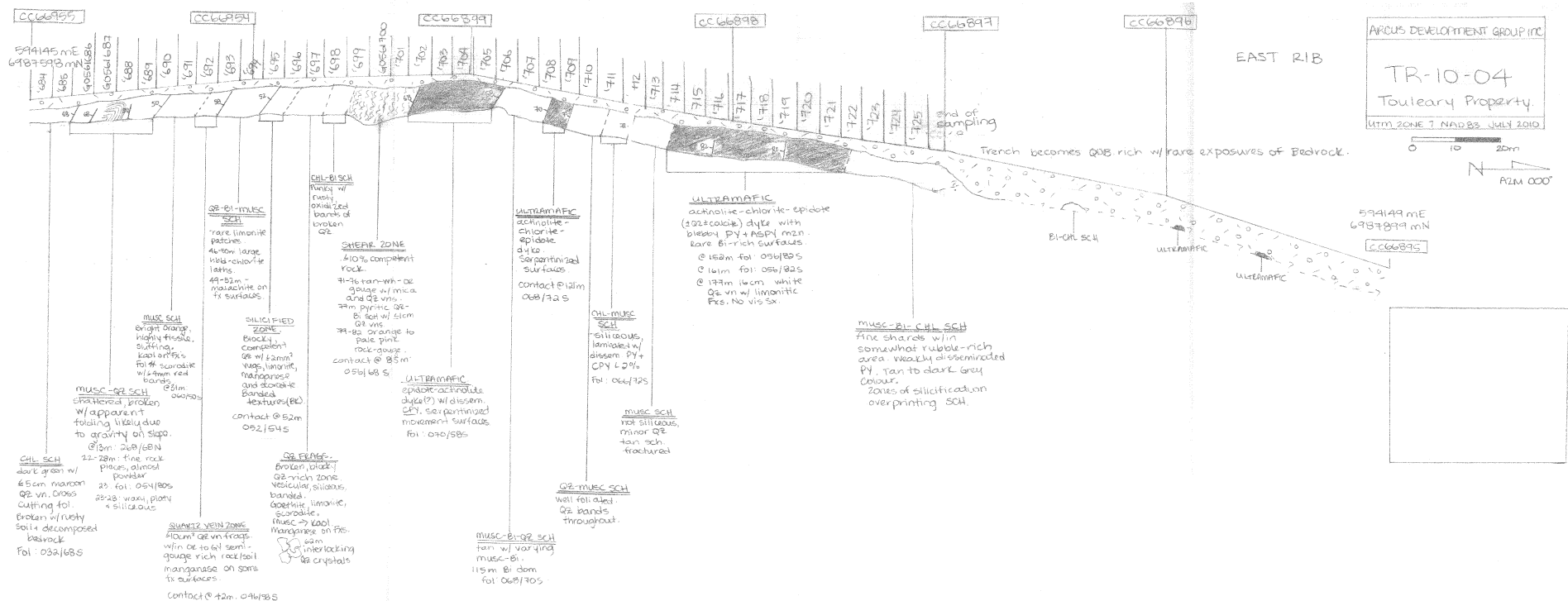
GARNET
CHL MICA
SCH
- Bull w/
QZ vns.
w/ 3mm²
Py cubes.

QZ-CHL
SCH
- 15cm QZ vn.

0 10 20m



ARCUS DEVELOPMENT GROUP INC
TR-10-03
Touleary Property
UTM ZONE 7 NAD83 JULY 2010



TL PROPERTY

TR-10-05

Sept 4, 2010

0 10 20m

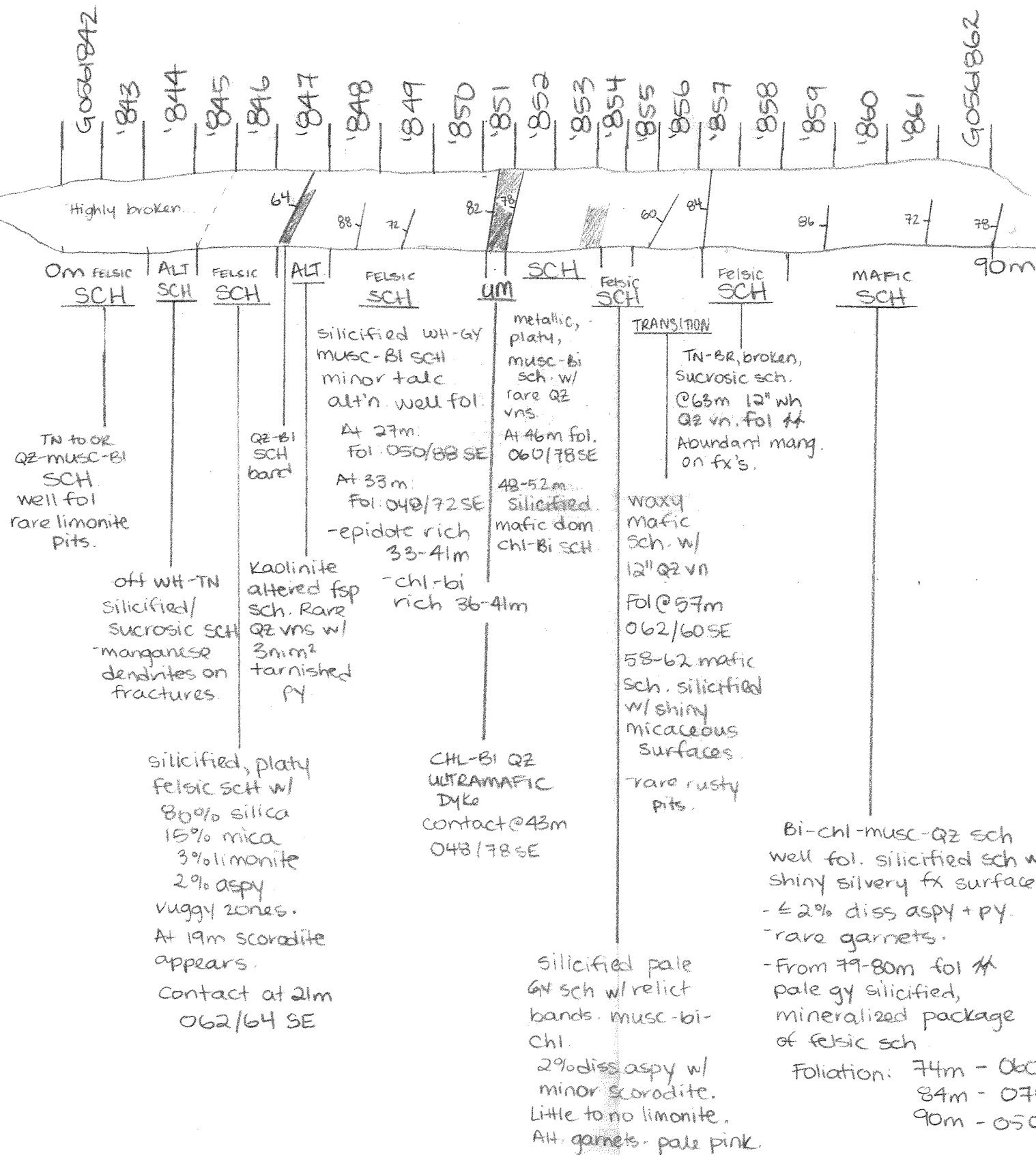
000°
NORTH

WEST RIB

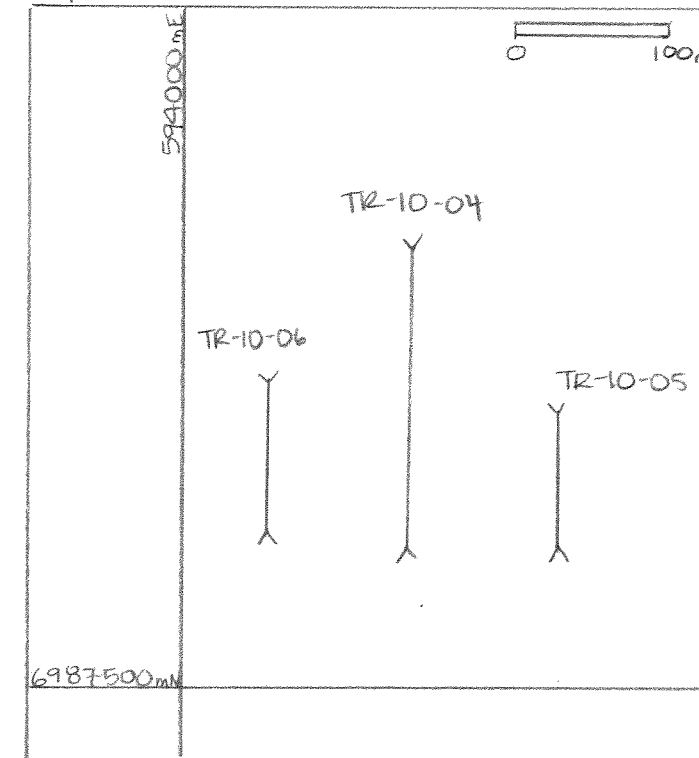
594249 ME
6987592 MN

SOUTH

594250 ME
6987683 MN
NORTH



PLAN VIEW



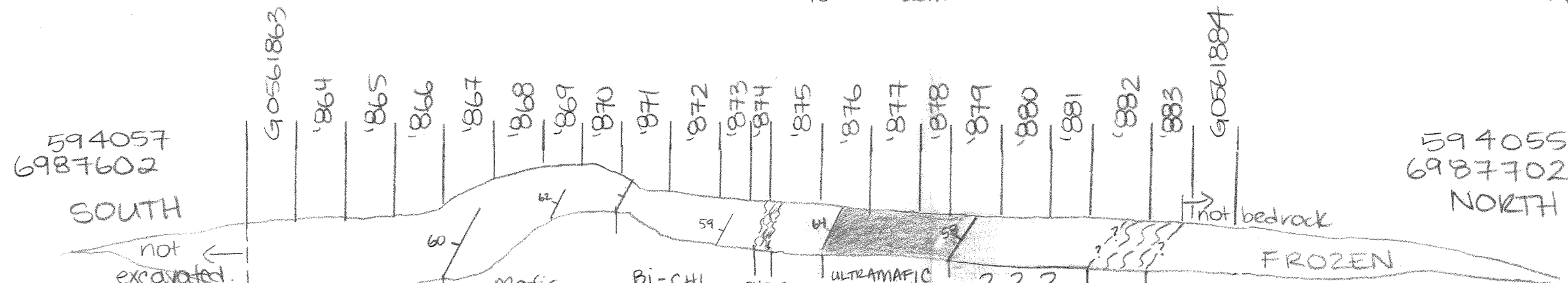
TL PROPERTY

TR-10-06

Sept 4, 2010



WEST RIB.



0m Felsic SCH

Qz-musc sch w/
rare bi varying
amts of silicification.
1-2% aspy dissem.

0-8m fissile musc
sch abundant
talc-kaol
wh to br.

8-10. incr mafics
-more competent

15-17m intermediate
sch

19m very competent,
silicified sch

Fol @ 19m: 062/60SE

Mafic SCH

Bi-CHL SCH

mafic, bi-chl-
Qz-garnet
augen sch.

Transitional
from prev.

@49m fol:
042/56SE

SHEAR Mafic SCH

OR to TN,
shear-fault
w/ abundant
act. mica.

Bi-shiny musc-
garnet sch.

ULTRAMAFIC

chl-act-bi-rich
ultramafic package.

contact fol @ 58:

040/64SE

contact @ 71m:

048/58SE

FAULT

megacrystic
hbl-actinolite
crystals $\leq 5 \times 1 \text{ cm}$.
metallic mica-rich
sch? Broken, blocky,
subcrop? no structural
measurements.

Bright orange-yellow
fault zone. Abundant
gouge, suspended wh
Qz vn float w/ limonitic
fractures.

MAFIC SCH

100m

Bi-shiny musc scht.
garnet-rich.

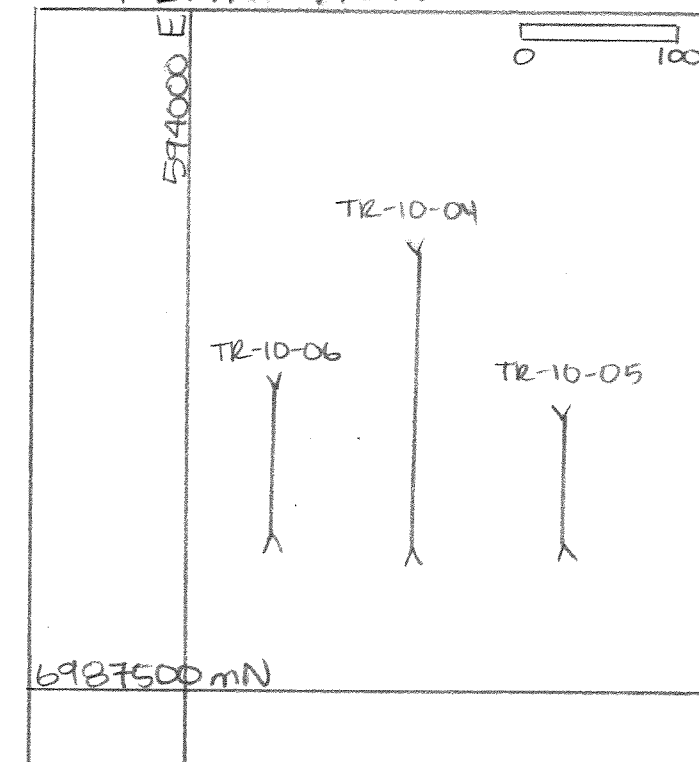
Extremely
silicified. slope
creates ridge.
fol $\frac{1}{2}$ diss aspy.

Fol @ 21m: 040/82SE

Fx @ 21m: 304/60N

Fol @ 32m: 058/62SE

PLAN VIEW



mafic schist
bi-chl dom.
rock+ soil. No
bedrock. Partially
frozen. Silvery
micaceous fracture
surface.

APPENDIX III
CERTIFICATES OF ANALYSIS



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

To: **ARCHER, CATHRO AND ASSOCIATES (1981)
LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Page: 1
Finalized Date: 25- SEP- 2010
Account: F

CERTIFICATE WH10130404

Project: TL TR- 10- 06

P.O. No.:

This report is for 22 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

BILL WENGZYNOWSKI

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
ATTN: JOAN MARIACHER
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
 Total # Pages: 2 (A - C)
 Finalized Date: 25- SEP- 2010
 Account: F

Project: TL TR- 10- 06

CERTIFICATE OF ANALYSIS WH10130404

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G0561863		4.08	0.013	0.2	0.64	3	<10	330	<0.5	<2	0.13	<0.5	6	3	53	1.78
G0561864		4.24	0.012	0.2	0.70	8	<10	420	<0.5	<2	0.19	<0.5	4	4	23	1.32
G0561865		4.32	0.005	0.2	1.02	8	<10	140	<0.5	<2	0.29	<0.5	4	6	19	2.03
G0561866		3.57	<0.005	<0.2	1.25	6	<10	110	<0.5	<2	0.46	<0.5	6	5	10	2.02
G0561867		3.64	<0.005	0.2	1.75	4	<10	140	<0.5	<2	0.44	<0.5	10	10	20	2.93
G0561868		3.22	<0.005	<0.2	1.53	<2	<10	120	<0.5	<2	0.41	<0.5	12	8	28	2.29
G0561869		3.49	<0.005	<0.2	1.58	2	<10	110	<0.5	<2	0.41	<0.5	9	6	16	2.33
G0561870		2.93	<0.005	<0.2	1.50	4	<10	90	<0.5	<2	0.39	<0.5	6	3	18	2.31
G0561871		3.64	<0.005	<0.2	1.27	11	<10	70	<0.5	<2	0.31	<0.5	5	3	17	1.96
G0561872		3.27	<0.005	<0.2	1.14	3	<10	80	<0.5	<2	0.26	<0.5	4	3	24	1.99
G0561873		4.05	<0.005	<0.2	1.12	2	<10	50	<0.5	<2	0.59	<0.5	6	6	13	1.90
G0561874		2.65	<0.005	<0.2	0.94	<2	<10	100	<0.5	<2	0.24	<0.5	2	2	13	4.11
G0561875		3.64	<0.005	<0.2	1.32	<2	<10	100	0.5	<2	0.45	<0.5	7	9	34	2.43
G0561876		3.77	<0.005	0.2	1.98	8	<10	140	1.2	<2	1.05	<0.5	17	32	80	4.23
G0561877		2.92	<0.005	<0.2	2.36	<2	<10	150	<0.5	<2	0.58	<0.5	16	13	99	4.28
G0561878		3.46	<0.005	<0.2	1.90	<2	<10	110	<0.5	<2	0.77	<0.5	13	15	97	3.50
G0561879		3.57	<0.005	<0.2	1.53	<2	<10	90	<0.5	<2	0.28	<0.5	7	5	16	2.51
G0561880		3.34	<0.005	<0.2	1.64	<2	<10	110	<0.5	<2	0.42	<0.5	6	4	10	2.46
G0561881		2.76	<0.005	0.2	1.53	<2	<10	160	<0.5	<2	0.34	<0.5	6	4	37	2.66
G0561882		3.43	<0.005	<0.2	1.34	2	<10	70	<0.5	<2	4.47	<0.5	16	64	17	2.72
G0561883		3.27	<0.005	<0.2	1.06	<2	<10	130	<0.5	<2	0.46	<0.5	9	5	25	2.10
G0561884		3.29	<0.005	<0.2	1.44	<2	<10	120	<0.5	<2	0.99	<0.5	8	3	10	2.64



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 1016- 510 W HASTINGS ST
 VANCOUVER BC V6B 1L8

Page: 2 - B
 Total # Pages: 2 (A - C)
 Finalized Date: 25- SEP- 2010
 Account: F

Project: TL TR- 10- 06

CERTIFICATE OF ANALYSIS WH10130404

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
G0561863		<10	3	0.15	10	0.24	359	5	0.01	2	610	3	0.09	<2	3	9
G0561864		<10	1	0.23	10	0.20	974	3	0.02	<1	670	10	0.11	<2	3	8
G0561865		<10	<1	0.20	10	0.46	343	4	0.02	1	580	10	0.13	<2	2	12
G0561866		<10	<1	0.40	<10	0.51	328	1	0.04	1	640	5	0.50	<2	2	12
G0561867		<10	<1	0.52	<10	1.11	481	<1	0.02	2	390	3	0.14	<2	3	13
G0561868		<10	<1	0.49	<10	0.66	472	2	0.05	5	400	5	0.25	<2	4	10
G0561869		<10	<1	0.42	<10	0.85	358	<1	0.03	3	400	<2	0.05	<2	3	11
G0561870		<10	<1	0.29	<10	0.68	312	<1	0.03	1	460	<2	0.02	<2	4	9
G0561871		<10	<1	0.19	10	0.63	330	1	0.02	1	440	2	0.04	<2	3	9
G0561872		<10	<1	0.22	10	0.47	363	<1	0.03	1	410	8	0.10	<2	4	7
G0561873		<10	<1	0.18	10	0.61	397	<1	0.02	3	680	5	0.11	<2	4	12
G0561874		<10	<1	0.28	10	0.32	201	1	0.18	<1	450	3	0.84	<2	4	35
G0561875		<10	<1	0.20	10	0.80	496	<1	0.02	4	750	3	0.06	<2	6	14
G0561876		10	<1	0.22	10	1.46	743	<1	0.07	21	1720	4	0.08	<2	10	23
G0561877		10	<1	0.29	10	1.90	613	<1	0.09	9	570	<2	0.04	<2	9	9
G0561878		10	<1	0.15	<10	1.21	511	<1	0.11	8	810	<2	0.10	<2	9	14
G0561879		<10	<1	0.16	<10	0.98	424	<1	0.04	2	490	<2	0.05	<2	5	8
G0561880		<10	<1	0.24	<10	0.97	480	<1	0.05	1	450	<2	0.04	<2	4	13
G0561881		10	<1	0.32	10	0.98	400	<1	0.05	2	500	<2	0.03	<2	7	10
G0561882		<10	<1	0.12	<10	1.62	778	<1	0.05	43	430	<2	<0.01	<2	10	45
G0561883		<10	<1	0.31	10	0.61	409	<1	0.04	3	410	<2	0.04	<2	5	7
G0561884		10	<1	0.31	10	0.73	535	<1	0.05	1	430	<2	0.04	<2	5	13



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 VANCOUVER BC V6B 1L8

Page: 2 - C
 Total # Pages: 2 (A - C)
 Finalized Date: 25- SEP- 2010
 Account: F

Project: TL TR- 10- 06

CERTIFICATE OF ANALYSIS WH10130404

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
G0561863		<20	0.01	<10	<10	17	<10	195
G0561864		<20	0.01	<10	<10	6	<10	141
G0561865		<20	0.03	<10	<10	16	<10	144
G0561866		<20	0.07	<10	<10	16	<10	86
G0561867		<20	0.12	<10	<10	56	<10	145
G0561868		<20	0.06	<10	<10	42	<10	83
G0561869		<20	0.06	<10	<10	34	<10	113
G0561870		<20	0.02	<10	<10	24	<10	97
G0561871		<20	0.01	<10	<10	11	<10	88
G0561872		<20	<0.01	<10	<10	8	<10	112
G0561873		<20	0.02	<10	<10	20	<10	101
G0561874		<20	<0.01	<10	<10	13	<10	74
G0561875		<20	0.02	<10	<10	31	<10	146
G0561876		20	0.14	<10	<10	126	<10	137
G0561877		<20	0.08	<10	<10	107	<10	108
G0561878		<20	0.05	<10	<10	99	<10	78
G0561879		<20	0.01	<10	<10	28	<10	68
G0561880		<20	0.02	<10	<10	18	<10	72
G0561881		<20	0.05	<10	<10	35	<10	59
G0561882		<20	0.02	<10	<10	58	<10	42
G0561883		<20	0.03	<10	<10	22	<10	47
G0561884		<20	0.03	<10	<10	22	<10	73



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Page: 1
Finalized Date: 24- SEP- 2010
Account: F

CERTIFICATE WH10130402

Project: TL TR- 10- 05

P.O. No.:

This report is for 21 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

BILL WENGZYNOWSKI

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
ATTN: JOAN MARIACHER
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: TL TR- 10- 05

CERTIFICATE OF ANALYSIS WH10130402

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G0561842		3.42	<0.005	<0.2	0.64	2	<10	90	<0.5	<2	0.15	<0.5	5	4	13	1.55
G0561843		4.09	<0.005	<0.2	0.53	2	<10	60	<0.5	<2	0.14	<0.5	5	3	5	1.37
G0561844		3.68	<0.005	<0.2	0.57	<2	<10	80	<0.5	<2	0.11	<0.5	3	3	6	1.03
G0561845		3.82	<0.005	0.2	0.36	4	<10	60	<0.5	<2	0.07	<0.5	2	3	5	1.18
G0561846		4.26	<0.005	<0.2	0.43	<2	<10	60	<0.5	<2	0.05	<0.5	1	3	<1	1.42
G0561847		3.91	<0.005	<0.2	0.81	<2	<10	60	<0.5	<2	0.28	<0.5	2	2	4	1.68
G0561848		4.73	<0.005	<0.2	1.02	<2	<10	90	<0.5	<2	0.27	<0.5	2	2	8	1.95
G0561849		4.31	<0.005	<0.2	0.99	<2	<10	90	<0.5	<2	0.29	<0.5	2	3	9	2.10
G0561850		4.57	<0.005	<0.2	1.05	3	<10	80	<0.5	<2	0.31	<0.5	2	2	7	2.26
G0561851		4.32	<0.005	<0.2	1.00	<2	<10	60	<0.5	<2	0.24	<0.5	3	2	5	1.85
G0561852		4.29	<0.005	<0.2	1.02	<2	<10	100	<0.5	<2	0.30	<0.5	3	2	4	1.93
G0561853		4.17	<0.005	<0.2	0.98	<2	<10	60	<0.5	<2	0.30	<0.5	4	3	11	1.68
G0561854		3.48	<0.005	<0.2	0.94	<2	<10	70	<0.5	<2	0.22	<0.5	2	3	11	1.56
G0561855		3.96	<0.005	<0.2	0.95	3	<10	100	<0.5	<2	0.27	<0.5	5	4	29	1.56
G0561856		3.94	<0.005	<0.2	1.52	<2	<10	100	<0.5	<2	0.35	<0.5	5	4	20	2.38
G0561857		4.04	<0.005	<0.2	0.92	<2	<10	90	<0.5	<2	0.23	<0.5	5	12	14	1.89
G0561858		4.42	<0.005	<0.2	1.04	3	<10	90	<0.5	<2	0.26	<0.5	3	3	2	1.93
G0561859		4.19	<0.005	<0.2	0.73	<2	<10	90	<0.5	<2	0.29	<0.5	2	3	2	1.80
G0561860		3.89	<0.005	<0.2	0.86	<2	<10	100	<0.5	<2	0.21	<0.5	3	3	4	1.76
G0561861		4.68	<0.005	<0.2	0.90	<2	<10	80	<0.5	<2	0.23	<0.5	4	3	5	1.84
G0561862		4.60	<0.005	<0.2	1.13	2	<10	90	<0.5	<2	0.26	<0.5	5	5	15	2.42



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Page: 2 - B
 Total # Pages: 2 (A - C)
 Finalized Date: 24- SEP- 2010
 Account: F

Project: TL TR- 10- 05

CERTIFICATE OF ANALYSIS WH10130402

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
G0561842		<10	<1	0.18	10	0.14	207	<1	0.07	6	310	3	0.05	<2	3	14
G0561843		<10	<1	0.13	10	0.11	246	1	0.03	2	300	3	0.01	<2	2	8
G0561844		<10	<1	0.20	10	0.09	136	<1	0.06	3	300	<2	0.02	<2	2	6
G0561845		<10	<1	0.14	20	0.05	120	3	0.04	4	250	3	0.14	<2	1	8
G0561846		<10	<1	0.19	10	0.03	59	4	0.05	<1	250	3	0.29	<2	1	7
G0561847		<10	<1	0.14	10	0.27	288	<1	0.03	<1	280	2	0.01	<2	2	12
G0561848		<10	<1	0.23	10	0.32	310	2	0.04	1	320	<2	0.03	<2	3	12
G0561849		<10	<1	0.15	10	0.43	350	<1	0.03	<1	300	<2	0.02	<2	2	11
G0561850		<10	<1	0.16	10	0.42	400	<1	0.06	<1	320	2	0.01	<2	3	13
G0561851		<10	<1	0.17	10	0.48	366	<1	0.02	<1	320	2	0.01	<2	2	9
G0561852		<10	<1	0.24	10	0.32	340	<1	0.05	<1	470	2	0.01	<2	3	13
G0561853		<10	<1	0.17	<10	0.43	309	<1	0.02	<1	420	3	0.02	<2	2	12
G0561854		<10	<1	0.17	10	0.31	246	1	0.03	<1	230	8	0.18	<2	2	15
G0561855		<10	<1	0.13	<10	0.43	378	<1	0.01	<1	370	7	0.01	<2	2	12
G0561856		<10	1	0.18	<10	0.73	500	<1	0.03	<1	480	4	0.01	<2	3	15
G0561857		<10	1	0.17	10	0.31	388	1	0.02	3	350	2	0.01	<2	2	12
G0561858		<10	<1	0.21	10	0.40	387	<1	0.03	<1	350	<2	0.02	<2	3	13
G0561859		<10	<1	0.22	10	0.25	423	<1	0.02	<1	350	<2	0.05	<2	2	8
G0561860		<10	1	0.25	10	0.27	341	1	0.04	<1	340	2	0.04	<2	3	8
G0561861		<10	<1	0.24	10	0.42	407	<1	0.02	1	300	2	0.07	<2	3	9
G0561862		<10	<1	0.30	<10	0.49	304	<1	0.06	1	450	<2	0.16	<2	4	9



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CERTIFICATE OF ANALYSIS WH10130402

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
G0561842		<20	0.05	<10	<10	7	<10	20
G0561843		<20	0.02	<10	<10	8	<10	25
G0561844		<20	0.02	<10	<10	3	<10	25
G0561845		<20	0.01	<10	<10	2	<10	17
G0561846		<20	0.03	<10	<10	1	<10	10
G0561847		<20	0.03	<10	<10	3	<10	58
G0561848		<20	0.03	<10	<10	6	<10	60
G0561849		<20	0.05	<10	<10	4	<10	70
G0561850		<20	0.07	<10	<10	5	<10	66
G0561851		<20	0.03	<10	<10	3	<10	66
G0561852		<20	0.02	<10	<10	6	<10	59
G0561853		<20	0.03	<10	<10	11	<10	66
G0561854		<20	0.01	<10	<10	5	<10	74
G0561855		<20	0.01	<10	<10	17	<10	67
G0561856		<20	0.02	<10	<10	22	<10	73
G0561857		<20	0.02	<10	<10	10	<10	64
G0561858		<20	0.02	<10	<10	5	<10	68
G0561859		<20	0.03	<10	<10	4	<10	51
G0561860		<20	0.03	<10	<10	4	<10	49
G0561861		<20	0.03	<10	<10	6	<10	70
G0561862		<20	0.05	<10	<10	25	<10	65



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CERTIFICATE WH10096779

Project: Touleary TR-10-03

P.O. No.:

This report is for 53 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

BILL WENGZYNOWSKI

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS

To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH10096779

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
G0561501		2.55	<0.5	6.76	16	1090	1.0	<2	1.21	<0.5	6	18	112	2.93	10	1.01
G0561502		1.75	0.8	6.92	32	1390	1.1	<2	1.39	0.5	5	13	101	3.30	20	1.28
G0561503		2.62	0.5	6.94	18	520	0.9	<2	2.87	<0.5	7	14	49	3.96	20	1.14
G0561504		3.17	<0.5	7.62	6	440	0.8	<2	2.23	<0.5	13	16	42	5.01	20	1.05
G0561505		2.38	<0.5	6.21	7	560	1.0	<2	1.57	<0.5	5	12	32	3.09	10	1.25
G0561506		2.18	<0.5	7.60	<5	420	0.9	<2	2.24	<0.5	13	11	57	4.89	20	1.18
G0561507		3.13	<0.5	8.01	<5	480	1.0	<2	4.12	<0.5	15	18	57	5.92	20	1.24
G0561508		3.56	<0.5	7.34	<5	450	1.1	<2	1.84	<0.5	8	10	23	4.02	20	1.34
G0561509		3.08	<0.5	6.90	7	370	0.9	<2	2.06	<0.5	9	13	53	3.76	10	1.04
G0561510		3.78	<0.5	7.76	<5	410	1.0	<2	2.58	<0.5	15	13	43	5.35	20	1.25
G0561511		2.83	<0.5	8.26	<5	440	0.9	<2	3.22	<0.5	11	10	47	5.37	20	1.22
G0561512		3.48	<0.5	7.49	<5	530	1.0	<2	1.97	<0.5	8	11	66	4.32	20	1.29
G0561513		2.97	<0.5	7.01	<5	530	1.0	<2	2.07	<0.5	9	9	45	3.94	20	1.32
G0561514		3.50	<0.5	7.95	<5	390	0.8	<2	3.16	<0.5	16	9	55	5.15	20	1.10
G0561515		2.75	<0.5	7.19	<5	580	1.0	<2	1.55	<0.5	5	9	9	3.57	20	1.44
G0561516		2.64	<0.5	5.64	<5	380	0.8	<2	2.04	<0.5	6	17	25	3.23	10	0.85
G0561517		3.10	<0.5	6.98	<5	370	0.9	<2	2.03	<0.5	11	15	48	4.54	20	0.99
G0561518		3.10	<0.5	7.72	<5	500	1.0	<2	3.00	<0.5	12	11	33	4.84	20	1.41
G0561519		2.83	<0.5	7.23	<5	460	1.1	<2	3.04	<0.5	3	7	8	3.14	20	1.28
G0561520		2.72	<0.5	7.81	<5	410	1.0	<2	2.01	<0.5	13	17	22	4.57	20	0.95
G0561521		2.72	<0.5	8.25	<5	390	0.9	<2	3.29	<0.5	20	12	34	5.80	20	0.83
G0561522		3.85	<0.5	6.23	<5	250	0.7	<2	1.84	<0.5	7	11	16	3.21	10	0.56
G0561523		3.13	<0.5	7.26	<5	410	1.2	<2	1.94	<0.5	11	13	20	4.32	20	1.05
G0561525		3.10	<0.5	6.97	<5	350	0.9	<2	2.28	<0.5	11	10	17	4.05	20	0.82
G0561526		2.77	<0.5	7.09	<5	460	1.2	<2	2.11	<0.5	9	12	36	4.23	20	1.15
G0561527		3.23	<0.5	7.11	<5	320	0.9	<2	2.72	<0.5	11	17	19	4.44	20	0.68
G0561528		3.22	<0.5	6.92	<5	410	1.0	<2	2.33	<0.5	8	10	15	3.58	20	1.00
G0561529		3.12	<0.5	7.47	<5	390	0.9	<2	2.88	<0.5	15	16	51	4.97	20	1.00
G0561530		3.17	<0.5	6.92	<5	480	1.1	<2	1.61	<0.5	8	12	13	3.64	10	1.16
G0561531		3.34	<0.5	6.92	7	520	1.1	<2	2.46	<0.5	7	17	14	3.64	20	0.98
G0561532		2.63	<0.5	7.67	8	440	1.0	<2	2.99	<0.5	9	10	35	4.58	20	1.05
G0561533		4.12	<0.5	6.86	<5	360	1.0	4	2.05	<0.5	10	13	20	4.04	20	0.90
G0561534		2.42	<0.5	7.37	<5	390	1.1	<2	2.44	<0.5	10	13	24	4.46	20	0.85
G0561535		3.22	<0.5	6.82	<5	570	1.0	2	1.33	<0.5	6	13	34	3.36	10	0.95
G0561536		3.29	<0.5	5.24	<5	570	0.7	3	1.72	<0.5	5	15	33	2.84	10	0.88
G0561537		3.61	<0.5	7.06	<5	700	1.2	2	2.77	<0.5	10	16	39	3.80	20	1.08
G0561538		2.72	<0.5	6.44	<5	490	1.1	<2	1.82	<0.5	10	17	19	3.44	20	0.84
G0561539		3.05	<0.5	5.83	<5	550	1.2	2	1.06	<0.5	2	11	6	2.16	10	1.01
G0561540		3.04	<0.5	5.34	<5	510	1.1	<2	1.00	<0.5	1	11	5	1.98	10	0.94
G0561541		2.94	<0.5	7.57	<5	800	1.2	<2	2.00	<0.5	9	22	21	4.20	20	1.26



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CERTIFICATE OF ANALYSIS WH10096779

Sample Description	Method Analyte Units LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
G0561501		10	0.45	295	5	2.54	4	260	89	0.45	11	11	126	<20	0.15	<10
G0561502		10	0.56	307	1	2.24	2	310	201	0.46	26	13	140	<20	0.16	<10
G0561503		10	0.78	1305	<1	1.42	3	490	122	0.02	20	14	136	<20	0.24	<10
G0561504		10	1.23	970	<1	2.58	6	460	33	0.05	<5	19	145	<20	0.29	<10
G0561505		10	0.56	660	<1	1.85	2	380	39	0.04	6	11	102	<20	0.23	<10
G0561506		10	1.16	867	<1	1.89	3	540	17	0.02	<5	19	139	<20	0.30	<10
G0561507		10	1.34	1495	<1	1.39	7	700	19	0.06	<5	24	180	<20	0.41	<10
G0561508		10	0.82	1000	<1	1.90	1	440	5	0.01	<5	15	97	<20	0.25	<10
G0561509		10	0.81	854	<1	2.05	2	430	10	<0.01	<5	14	124	<20	0.26	<10
G0561510		10	1.62	1280	<1	1.83	4	560	4	0.04	<5	21	106	<20	0.29	<10
G0561511		10	1.32	1375	<1	1.98	4	650	5	0.09	<5	20	130	<20	0.32	<10
G0561512		10	0.82	959	<1	2.05	4	470	4	0.04	<5	16	116	<20	0.28	<10
G0561513		10	1.05	799	<1	1.72	2	440	9	0.01	<5	15	114	<20	0.27	<10
G0561514		10	1.60	946	<1	2.54	4	470	3	0.01	<5	21	149	<20	0.32	<10
G0561515		10	0.79	649	<1	2.27	1	480	2	0.03	<5	13	93	<20	0.27	<10
G0561516		10	0.54	626	<1	1.63	3	360	9	0.01	<5	12	134	<20	0.23	<10
G0561517		10	1.20	774	<1	1.95	3	470	7	0.10	<5	16	119	<20	0.27	<10
G0561518		10	1.03	1035	<1	1.44	3	460	7	0.01	<5	21	149	<20	0.33	<10
G0561519		20	0.55	809	1	1.47	<1	340	18	0.05	<5	13	163	<20	0.18	<10
G0561520		10	1.22	621	<1	3.38	6	450	7	<0.01	<5	19	141	<20	0.27	<10
G0561521		10	1.92	905	<1	3.31	10	530	3	<0.01	<5	24	170	<20	0.30	<10
G0561522		10	0.86	635	<1	2.79	4	360	2	0.01	<5	13	99	<20	0.23	<10
G0561523		10	1.18	699	<1	2.79	6	430	10	<0.01	<5	16	123	<20	0.25	<10
G0561525		10	1.09	705	<1	2.78	5	430	5	0.01	<5	17	149	<20	0.24	<10
G0561526		10	1.01	582	<1	2.46	4	420	8	0.03	<5	17	140	<20	0.25	<10
G0561527		10	1.07	724	<1	2.67	4	420	10	<0.01	<5	17	191	<20	0.23	<10
G0561528		10	0.68	450	<1	2.63	4	410	7	<0.01	<5	16	150	<20	0.24	<10
G0561529		10	1.23	756	<1	2.55	7	440	14	0.01	<5	21	166	<20	0.29	<10
G0561530		10	0.66	482	<1	2.64	3	430	12	0.01	<5	14	124	<20	0.24	<10
G0561531		10	0.73	714	<1	2.45	4	510	10	0.04	<5	14	164	<20	0.26	<10
G0561532		10	0.91	760	<1	2.47	5	420	8	0.04	<5	19	167	<20	0.26	<10
G0561533		10	0.98	576	<1	3.01	7	400	12	0.02	<5	15	143	<20	0.24	<10
G0561534		10	1.01	602	<1	3.16	6	410	10	0.02	<5	17	163	<20	0.26	<10
G0561535		10	0.71	458	<1	2.96	6	380	13	0.07	<5	13	127	<20	0.23	<10
G0561536		10	0.49	520	<1	1.61	3	350	13	0.06	<5	12	100	<20	0.16	<10
G0561537		10	0.74	583	<1	2.28	7	460	15	0.19	<5	15	212	<20	0.25	<10
G0561538		10	0.90	580	<1	2.75	5	330	11	0.03	<5	14	126	<20	0.23	<10
G0561539		10	0.32	344	<1	2.66	1	270	8	0.07	<5	7	114	<20	0.17	<10
G0561540		10	0.30	315	<1	2.45	3	250	11	0.07	<5	7	105	<20	0.16	<10
G0561541		10	0.91	506	<1	2.61	7	350	20	0.06	<5	17	168	<20	0.26	<10



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CERTIFICATE OF ANALYSIS WH10096779

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Au-AA24 Au ppm 0.005
G0561501		20	53	<10	101	0.006
G0561502		10	58	<10	67	0.009
G0561503		10	65	<10	94	<0.005
G0561504		20	125	<10	95	<0.005
G0561505		10	38	<10	75	<0.005
G0561506		10	113	<10	119	<0.005
G0561507		<10	183	<10	155	<0.005
G0561508		10	55	<10	103	<0.005
G0561509		10	74	<10	91	<0.005
G0561510		10	131	<10	116	<0.005
G0561511		10	135	<10	127	<0.005
G0561512		10	70	<10	100	<0.005
G0561513		10	77	<10	93	<0.005
G0561514		10	148	<10	101	<0.005
G0561515		10	50	<10	81	<0.005
G0561516		<10	68	<10	62	<0.005
G0561517		10	112	<10	110	<0.005
G0561518		10	125	<10	114	<0.005
G0561519		10	47	<10	57	<0.005
G0561520		20	120	<10	70	<0.005
G0561521		20	170	<10	97	<0.005
G0561522		10	68	<10	53	<0.005
G0561523		20	85	<10	78	0.014
G0561525		20	104	<10	65	<0.005
G0561526		10	81	<10	68	0.006
G0561527		10	106	<10	71	<0.005
G0561528		10	87	<10	50	<0.005
G0561529		20	147	<10	76	<0.005
G0561530		10	69	<10	53	<0.005
G0561531		10	84	<10	51	<0.005
G0561532		10	119	<10	73	<0.005
G0561533		20	101	<10	63	<0.005
G0561534		20	118	<10	74	<0.005
G0561535		20	77	<10	58	0.024
G0561536		10	62	<10	57	0.009
G0561537		10	116	<10	69	<0.005
G0561538		10	77	<10	72	0.005
G0561539		10	18	<10	61	0.006
G0561540		10	17	<10	57	0.005
G0561541		10	98	<10	78	<0.005



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Project: Touleary TR-10-03

CERTIFICATE OF ANALYSIS WH10096779

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
G0561542		3.11	<0.5	6.59	<5	550	0.8	5	1.99	<0.5	3	11	15	2.69	20	1.16
G0561543		3.34	<0.5	6.82	<5	520	1.0	2	1.98	<0.5	6	11	32	3.60	20	0.96
G0561544		2.65	<0.5	8.05	<5	170	0.6	2	3.88	<0.5	18	14	39	5.67	20	0.48
G0561545		3.77	<0.5	2.81	<5	120	<0.5	2	1.01	<0.5	8	22	33	2.73	10	0.30
G0561546		3.31	<0.5	6.84	<5	230	0.7	<2	2.56	<0.5	13	20	27	4.62	20	0.65
G0561547		3.39	<0.5	6.51	<5	200	0.7	<2	2.75	<0.5	14	20	27	4.54	10	0.52
G0561548		3.50	<0.5	7.79	<5	190	0.7	2	2.87	<0.5	20	17	41	5.83	20	0.46
G0561549		3.70	<0.5	6.95	<5	300	0.7	2	2.85	<0.5	17	16	79	5.11	20	0.76
G0561550		2.59	<0.5	7.14	<5	310	0.8	2	2.03	<0.5	13	14	27	4.53	20	0.88
G0561551		3.15	<0.5	7.46	<5	220	0.7	2	3.41	<0.5	15	19	30	5.28	20	0.57
G0561552		3.23	<0.5	4.43	<5	380	0.8	<2	0.78	<0.5	1	15	56	1.85	10	0.73
G0561553		2.80	<0.5	7.22	<5	690	0.8	2	2.02	<0.5	14	17	49	4.15	20	0.76
G0561554		4.66	<0.5	6.34	14	1750	1.0	<2	1.40	<0.5	3	19	188	4.59	20	1.16



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CERTIFICATE OF ANALYSIS WH10096779

Sample Description	Method Analyte Units LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
G0561542		10	0.55	407	<1	2.11	2	490	12	0.03	<5	13	156	<20	0.18	<10
G0561543		10	0.80	579	<1	2.28	3	390	17	0.07	<5	14	136	<20	0.21	<10
G0561544		10	1.64	891	<1	3.34	9	510	10	0.02	<5	29	179	<20	0.34	<10
G0561545		<10	0.77	355	<1	0.88	6	140	<2	0.01	<5	9	58	<20	0.19	<10
G0561546		10	1.15	784	<1	2.91	8	420	6	0.01	<5	19	158	<20	0.27	<10
G0561547		10	1.22	760	<1	2.75	9	380	6	0.01	<5	20	236	<20	0.25	<10
G0561548		10	1.88	945	<1	3.92	10	490	5	0.01	<5	26	177	<20	0.33	<10
G0561549		10	1.49	836	<1	2.51	9	370	5	0.06	<5	22	208	<20	0.29	<10
G0561550		10	1.50	647	<1	2.59	8	360	4	0.04	<5	18	142	<20	0.25	<10
G0561551		10	1.43	788	<1	3.02	9	430	5	0.05	<5	27	181	<20	0.32	<10
G0561552		10	0.25	196	<1	1.78	3	150	10	0.30	<5	6	78	<20	0.10	<10
G0561553		10	1.30	713	<1	3.15	8	330	9	0.11	<5	17	136	<20	0.26	<10
G0561554		20	0.55	370	3	1.94	6	380	38	0.83	<5	12	152	<20	0.17	<10



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CERTIFICATE OF ANALYSIS WH10096779

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Au-AA24 Au ppm 0.005
G0561542		10	76	<10	45	<0.005
G0561543		10	80	<10	73	<0.005
G0561544		20	218	<10	82	<0.005
G0561545		<10	66	<10	37	<0.005
G0561546		20	142	<10	63	<0.005
G0561547		20	158	<10	57	<0.005
G0561548		20	218	<10	86	<0.005
G0561549		10	178	<10	74	<0.005
G0561550		10	128	<10	80	<0.005
G0561551		20	202	<10	67	0.016
G0561552		10	18	<10	32	<0.005
G0561553		20	126	<10	67	0.010
G0561554		10	68	<10	170	0.013



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CERTIFICATE VA10109941

Project: Touleary TR- 10- 04

P.O. No.:

This report is for 42 Rock samples submitted to our lab in Vancouver, BC, Canada on 9- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

BILL WENGZYNOWSKI

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Au- AA24	Au 50g FA AA finish	AAS

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS VA10109941

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G0561684		5.30	0.011	0.3	2.61	6	<10	270	<0.5	<2	0.53	<0.5	11	9	159	4.45
G0561685		3.96	0.017	0.3	1.49	5	<10	320	<0.5	<2	0.17	<0.5	8	10	89	3.86
G0561686		3.72	0.067	2.1	0.38	5	<10	340	<0.5	5	0.03	<0.5	1	4	13	1.71
G0561687		3.48	0.015	0.9	0.44	4	<10	530	<0.5	2	0.04	<0.5	1	3	10	1.65
G0561688		4.54	0.224	14.0	0.39	42	<10	120	<0.5	3	0.03	<0.5	<1	4	45	2.25
G0561689		3.88	0.155	2.8	0.32	4	<10	230	<0.5	<2	0.02	<0.5	<1	4	16	1.59
G0561690		5.14	2.59	20.0	0.31	79	<10	1040	<0.5	2	0.02	<0.5	<1	4	33	1.24
G0561691		4.74	0.154	6.9	0.29	155	<10	740	<0.5	2	0.02	<0.5	<1	4	47	1.90
G0561692		6.88	0.690	20.3	0.17	209	<10	340	<0.5	4	0.02	<0.5	<1	4	64	1.69
G0561693		4.32	0.300	10.6	1.00	22	<10	2130	<0.5	<2	0.06	<0.5	2	5	151	2.67
G0561694		4.86	0.008	0.3	1.24	3	<10	1790	<0.5	<2	0.22	<0.5	4	5	354	2.31
G0561695		4.44	0.806	11.9	0.18	35	<10	100	<0.5	5	0.02	<0.5	<1	5	81	3.14
G0561696		4.60	1.025	28.8	0.17	42	<10	70	<0.5	7	0.02	<0.5	<1	7	109	4.12
G0561697		4.58	0.228	3.7	0.40	14	<10	90	<0.5	<2	0.03	<0.5	<1	10	104	3.22
G0561698		4.66	0.022	0.6	2.25	4	<10	1390	<0.5	<2	0.56	2.0	15	6	592	5.22
G0561699		3.92	0.072	1.3	0.95	5	<10	1450	<0.5	<2	0.13	<0.5	4	4	160	3.03
G0561700		4.02	0.017	0.3	1.69	4	<10	740	<0.5	<2	0.47	0.6	12	4	109	4.32
G0561701		4.16	0.024	0.4	0.63	3	<10	1460	<0.5	<2	0.08	<0.5	1	2	78	2.88
G0561702		3.60	0.005	0.2	1.27	4	<10	590	<0.5	<2	0.72	0.5	5	3	34	2.19
G0561703		3.22	<0.005	0.2	2.69	<2	<10	180	<0.5	<2	0.78	<0.5	19	3	96	4.79
G0561704		4.04	<0.005	0.3	2.21	<2	<10	110	<0.5	<2	1.08	1.0	14	3	78	3.38
G0561705		4.24	0.013	1.2	1.06	<2	<10	240	<0.5	<2	0.32	1.2	6	2	49	1.70
G0561706		3.14	0.008	0.3	1.02	<2	<10	100	<0.5	<2	0.28	<0.5	1	2	16	1.77
G0561707		3.06	0.006	0.2	1.20	3	<10	130	<0.5	<2	0.40	0.7	7	4	30	2.36
G0561708		3.40	<0.005	<0.2	1.71	<2	<10	130	<0.5	<2	0.80	<0.5	9	32	17	2.22
G0561709		4.36	<0.005	0.2	2.03	3	<10	230	<0.5	<2	0.93	<0.5	11	12	34	2.98
G0561710		4.24	0.005	0.3	1.43	<2	<10	220	<0.5	<2	0.32	<0.5	7	4	39	2.93
G0561711		4.14	0.007	0.4	1.06	2	<10	150	<0.5	<2	0.20	<0.5	6	2	95	2.74
G0561712		3.86	0.017	0.3	0.87	<2	<10	130	<0.5	<2	0.10	<0.5	2	4	15	1.92
G0561713		2.84	0.006	0.2	0.98	3	<10	170	<0.5	<2	0.21	<0.5	4	3	8	1.88
G0561714		3.20	0.025	1.1	0.96	5	<10	200	<0.5	<2	0.20	<0.5	6	5	57	2.16
G0561715		3.78	<0.005	0.2	1.59	<2	<10	170	<0.5	<2	0.35	<0.5	6	5	19	2.60
G0561716		3.08	<0.005	0.2	1.80	3	<10	230	<0.5	<2	0.25	<0.5	11	5	10	3.14
G0561717		3.96	<0.005	0.2	0.94	2	<10	120	<0.5	<2	0.43	<0.5	5	7	13	2.39
G0561718		3.60	<0.005	<0.2	1.36	2	<10	190	<0.5	<2	0.46	<0.5	7	4	6	2.89
G0561719		3.42	<0.005	<0.2	1.50	<2	<10	150	<0.5	<2	0.54	<0.5	8	2	33	2.96
G0561720		3.10	<0.005	0.2	1.39	2	<10	130	<0.5	2	0.62	<0.5	8	6	10	2.96
G0561721		3.28	<0.005	0.2	2.55	7	<10	250	0.6	<2	1.58	0.6	18	10	83	4.49
G0561722		3.48	<0.005	0.3	1.59	2	<10	230	0.5	<2	0.18	0.9	10	3	150	2.79
G0561723		2.88	0.007	0.2	1.49	<2	<10	160	<0.5	<2	0.17	0.5	5	4	71	3.17



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Project: Touleary TR- 10- 04

CERTIFICATE OF ANALYSIS VA10109941

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
G0561684		10	<1	0.14	<10	1.44	349	2	0.04	5	660	10	0.06	<2	7	28
G0561685		10	<1	0.12	10	0.82	249	13	0.08	2	570	7	0.88	<2	5	37
G0561686		<10	<1	0.23	10	0.06	81	10	0.09	<1	480	46	0.42	<2	2	19
G0561687		<10	<1	0.34	10	0.06	60	7	0.07	<1	250	40	0.48	5	1	23
G0561688		<10	5	0.35	<10	0.04	56	33	0.04	<1	180	702	0.52	19	1	253
G0561689		<10	5	0.31	<10	0.03	37	6	0.05	3	40	23	0.47	9	1	84
G0561690		<10	8	0.15	<10	0.01	29	9	0.04	<1	60	179	0.16	65	1	81
G0561691		<10	11	0.15	<10	0.02	46	13	0.03	<1	120	626	0.19	51	1	76
G0561692		<10	38	0.10	<10	0.02	34	98	0.01	<1	90	1510	0.22	119	1	229
G0561693		<10	2	0.12	10	0.49	230	5	0.03	<1	210	279	0.13	3	2	93
G0561694		<10	<1	0.14	10	0.69	460	1	0.03	<1	170	33	0.08	2	1	36
G0561695		<10	7	0.26	<10	0.03	53	26	0.06	<1	100	182	0.61	6	1	131
G0561696		<10	6	0.35	<10	0.02	49	44	0.08	<1	120	198	0.83	89	1	128
G0561697		<10	6	0.30	<10	0.06	52	12	0.14	<1	180	33	0.73	<2	2	184
G0561698		10	<1	0.15	10	0.98	681	<1	0.02	4	530	20	0.07	<2	11	49
G0561699		<10	4	0.21	10	0.29	225	2	0.02	<1	310	22	0.09	<2	5	23
G0561700		10	<1	0.18	10	0.90	419	<1	0.08	<1	510	10	0.37	<2	9	22
G0561701		<10	<1	0.29	10	0.07	295	1	0.03	<1	680	18	0.16	<2	4	24
G0561702		<10	1	0.21	10	0.62	949	1	0.02	<1	820	12	0.04	<2	5	34
G0561703		10	<1	0.29	<10	2.01	819	<1	0.05	1	660	4	0.10	<2	7	27
G0561704		10	1	0.08	<10	1.43	769	<1	0.02	1	620	11	0.10	<2	5	64
G0561705		<10	2	0.19	10	0.68	341	1	0.03	<1	560	31	0.17	<2	3	13
G0561706		<10	<1	0.23	<10	0.50	242	1	0.03	<1	400	41	0.16	<2	2	16
G0561707		<10	<1	0.17	10	0.80	656	1	0.06	<1	560	17	0.23	<2	4	25
G0561708		10	<1	0.42	<10	1.30	486	<1	0.07	17	550	4	0.06	<2	4	26
G0561709		<10	<1	0.71	<10	1.28	559	<1	0.06	5	590	6	0.49	<2	4	56
G0561710		<10	<1	0.46	10	0.88	385	<1	0.04	<1	430	3	1.27	<2	3	9
G0561711		<10	1	0.35	<10	0.49	212	1	0.04	<1	360	3	1.67	<2	2	9
G0561712		<10	<1	0.27	10	0.31	178	3	0.06	<1	310	10	0.38	<2	2	9
G0561713		<10	<1	0.20	<10	0.45	276	1	0.06	<1	310	4	0.15	<2	3	18
G0561714		<10	<1	0.20	<10	0.37	261	2	0.06	<1	430	12	0.69	<2	3	10
G0561715		<10	<1	0.27	10	0.83	427	<1	0.05	8	420	7	0.06	<2	4	13
G0561716		<10	<1	0.31	10	1.05	549	<1	0.05	<1	430	2	0.32	<2	5	8
G0561717		<10	<1	0.24	10	0.44	511	<1	0.07	<1	410	4	0.05	<2	6	10
G0561718		<10	<1	0.24	10	0.76	521	<1	0.07	<1	460	2	0.11	<2	7	10
G0561719		<10	<1	0.62	10	0.81	435	<1	0.07	<1	390	2	0.32	<2	5	16
G0561720		10	<1	0.23	10	0.72	612	<1	0.07	2	650	3	0.04	<2	5	22
G0561721		10	<1	0.11	10	1.62	862	<1	0.04	5	830	9	0.06	<2	11	89
G0561722		<10	<1	0.31	10	0.90	916	3	0.03	1	540	9	0.06	<2	4	9
G0561723		<10	1	0.29	10	0.91	436	1	0.04	<1	470	5	0.33	<2	3	9



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CERTIFICATE OF ANALYSIS VA10109941

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
G0561684		<20	0.05	<10	<10	95	<10	138
G0561685		<20	0.02	<10	<10	48	<10	166
G0561686		<20	0.01	<10	<10	8	<10	27
G0561687		<20	0.01	<10	<10	8	<10	7
G0561688		<20	0.01	<10	<10	14	<10	13
G0561689		<20	0.01	<10	<10	5	<10	8
G0561690		<20	<0.01	<10	<10	6	<10	15
G0561691		<20	0.01	<10	<10	8	<10	51
G0561692		<20	0.01	<10	<10	6	<10	45
G0561693		<20	0.01	<10	<10	9	<10	175
G0561694		<20	0.02	<10	<10	4	<10	281
G0561695		<20	0.02	<10	<10	4	<10	18
G0561696		<20	0.02	<10	<10	8	<10	15
G0561697		<20	0.02	<10	<10	15	<10	26
G0561698		<20	0.05	<10	<10	110	<10	642
G0561699		<20	0.02	<10	<10	34	<10	349
G0561700		<20	0.04	<10	<10	91	<10	298
G0561701		<20	0.01	<10	<10	15	<10	172
G0561702		<20	0.02	<10	<10	27	<10	262
G0561703		<20	0.11	<10	<10	121	<10	285
G0561704		<20	0.09	<10	<10	73	<10	402
G0561705		<20	0.01	<10	<10	16	<10	321
G0561706		<20	0.01	<10	<10	9	<10	134
G0561707		<20	0.02	<10	<10	29	<10	209
G0561708		<20	0.10	<10	<10	40	<10	188
G0561709		<20	0.13	<10	<10	62	<10	195
G0561710		<20	0.04	<10	<10	25	<10	143
G0561711		<20	0.01	<10	<10	12	<10	138
G0561712		<20	0.01	<10	<10	10	<10	60
G0561713		<20	0.02	<10	<10	13	<10	56
G0561714		<20	0.02	<10	<10	11	<10	68
G0561715		<20	0.04	<10	<10	22	<10	84
G0561716		<20	0.03	<10	<10	23	<10	92
G0561717		<20	0.04	<10	<10	24	<10	64
G0561718		<20	0.02	<10	<10	29	<10	78
G0561719		<20	0.08	<10	<10	27	<10	75
G0561720		<20	0.05	<10	<10	38	<10	105
G0561721		<20	0.10	<10	<10	126	<10	193
G0561722		<20	0.01	<10	<10	18	<10	306
G0561723		<20	0.01	<10	<10	13	<10	204



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

To: ARCHER, CATHRO AND ASSOCIATES (1981)
LIMITED
 1016- 510 W HASTINGS ST
 VANCOUVER BC V6B 1L8

Page: 3 - A
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 Finalized Date: 15- AUG- 2010
 Account: F

Project: Touleary TR- 10- 04

CERTIFICATE OF ANALYSIS VA10109941

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
G0561724		2.78	0.012	<0.2	1.23	2	<10	200	<0.5	<2	0.12	<0.5	2	4	19	2.67
G0561725		2.96	0.008	0.2	1.08	<2	<10	180	<0.5	<2	0.13	<0.5	3	3	31	2.79



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 LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Page: 3 - B
Total # Pages: 3 (A - C)
Finalized Date: 15- AUG- 2010
Account: F

Project: Touleary TR- 10- 04

CERTIFICATE OF ANALYSIS VA10109941

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1	ppm 1
G0561724		<10	<1	0.37	10	0.56	218	2	0.06	<1	440	4	0.62	<2	2	16
G0561725		<10	<1	0.33	10	0.54	253	3	0.07	<1	350	3	1.27	<2	2	12



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Project: Touleary TR- 10- 04

CERTIFICATE OF ANALYSIS VA10109941

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
G0561724		<20	0.01	<10	<10	9	<10	128
G0561725		<20	0.01	<10	<10	11	<10	96

CERTIFICATE OF WORK
Form 5, Section 56
QUARTZ MINING ACT

Dawson Mining District

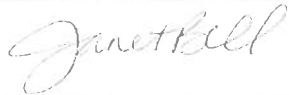
Claim Name	Grant Number	Renewal Term	Expiry Date
TL 1 - 109	YC76097 - YC76205	4	29 Apr 2019
TL 110 - 183	YC93602 - YC93675	4	29 Apr 2019
TL 184 - 580	YD30404 - YD30800	3.75	29 Apr 2015 C/D
TL 581 - 632	YD31571 - YD31622	3.75	29 Apr 2015 C/D

This is to certify that an affidavit setting out a detailed statement of work done on the above claim(s) since the 01 day of January 2011 has this day been filed in my office; and in pursuance to the provisions of the Quartz Mining Act, I do now issue this certificate of work in respect of the above claim(s) to:

Archer Cathro & Associates (1981) Ltd. 100.00 %

Work has been done on the said claims under the following grouping number(s):
HD03190

This certificate entitles the owners to continue in possession of the said claims.

Receipt Number: MRDA005	
Fees: \$12,078.75	
Filing Date: 13 May 2011	
Janet Bell-MacDonald Dawson Mining Recorder	



I, M. J. MARIACHER
of 1016-510 WEST HASTINGS ST.
Phone VANCOUVER BC V6B 1L8
make oath and say that:

- I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
- I have done, or caused to be done, work, on the following mineral claim(s): (Here list claims on which work was actually done by number and name)

TL 1-109 YC 76097-YC 76205
110-183 YC 93602-YC 93625
184-580 YD 30404-YD 30800
581-632 YD 31571-YD 31622

situated at EAST OF QUINCY CREEK Claim sheet No. 1150/4

in the DAWSON Mining District, to the value of at least \$241,575 dollars,

since the 31 ST day of AUGUST 20 10

to represent the following mineral claims under the authority of Grouping Certificate No. 400390
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

TL 1-109 YC 76097-YC 76205 X 4 YRS = 732 CCY/M TO APRIL 29, 2019
110-183 YC 93602-YC 93625
184-580 YD 30404-YD 30800 X 3 3/4 YRS = 1683 3/4 CCY/M TO
581-632 YD 31571-YD 31622 APRIL 29, 2015
241574 CCY/M
+ 632 CCY/M GRADING

- The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 56).

2TEM GEOPHYSICAL SURVEY - REPORT TO
FOLLOW

Sworn before me at VANCOUVER, B.C. this 11 day of MAY 20 11
ARCHER, CATHRYN ASSOCIATES (1981) LIMITED
Owner or Authorized Agent
Notary Public

QUARTZ MINING ACT FORM 12 SECTION 55
APPLICATION TO GROUP MINERAL CLAIMS

DAWSON MINING DISTRICT



I, (We) the undersigned owners or agent(s) of the owners of following mineral claims.
(Additional sheets or an appendix may be used) (Claim names and grant numbers to be listed in sequence eg. TOM 1-40, YC10001 - YC10040)

GRANT NUMBER	CLAIM NAME	MAP SHEET
YC76097-YC76205	TL 1-109	1150B/J-14
YC93602-YC93675	110-183	1
YD30404-YD30800	184-580	
YD31571-YD31622	581-632	1150B/J-14

Give notice of intention to group the said claims for the performance of work and do hereby apply under the provisions of section 55 of the Quartz Mining Act for a certificate in form 6.

I (We) hereby certify that the above claims are adjoining as shown on the attached sketch

ARCHER, CATHRO & ASSOCIATES (Y.S.) LIMITED

Dated at VANCOUVER, B.C.

This 12th day of MAY, 2011

[Signature]
Applicant(s)

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 – 510 West Hastings Street
Vancouver, B.C. V6B 1L8

Telephone: 604-688-2568

Fax: 604-688-2578

AFFIDAVIT

I, Joan Mariacher, of Vancouver, B.C. make oath and say:

That to the best of my knowledge the attached Statement of
Expenditures for exploration work on the TL 1-632 mineral claims
on Claim Sheet 1150/3 is accurate.


Joan Mariacher

Sworn before me at Vancouver, B.C.

this 11th day of May 2011.



Barrister & Solicitor

IAN J. TALBOT
Barrister & Solicitor
281 East 5th Street
North Vancouver
British Columbia
Canada V7L 1L8



Statement of Expenditures
Dawson Gold Mineral Claims
April 29, 2011

Labour

H. Smith (geologist) January to April 2011 – 118 1/2 hrs @ \$90/hr \$ 11,944.80

Expenses

Precision GeoSurveys Inc.	452,836.91
Precision – Jet A supplied	10,712.17
North 60 – Jet A	67,799.43
Great River Air – Jet A delivery	<u>2,275.77</u>
	533,624.28

Total \$545,569.08

Cost Breakdown for DM, GG, SH and TL Claim Assessment

Cost per claim – \$545,569.08/1,334 = \$408.97/claim

Claim Name	Mining District	Number of claims	Cost
DM 1-6	Whitehorse	413	\$ 168,905.57
DM 21 - 427	Whitehorse		
DM 428-578	Dawson	151	61,754.82
GG 1-66	Dawson	66	26,992.17
SH 1-72	Dawson	72	29,446.01
TL 1-632	Dawson	632	258,470.51
		1,334	\$ 545,569.08



Work dates
01-Jan - 26-Apr.
2011