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ASSESSMENT REPORT

describing

STREAM SEDIMENT, SOIL AND ROCK GEOCHEMICAL SAMPLING

at the

LANCE PROPERTY

Lance 1-108 YD109791-YD109898
109-332 YE66799-YE67022

NTS 105N/07

Latitude 63°27'N; Longitude 132°55'W

located in the

Mayo Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

NEW DIMENSION RESOURCES LTD.

and

STRATEGIC METALS LTD.

by

S. Eaton, B.Sc., GIT

November 2011

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INTRODUCTION

The Lance property is located in east-central Yukon and covers the headwaters of creeks that yielded regionally anomalous arsenic±gold±antimony±bismuth values from government stream sediment samples. The property is owned by Strategic Metals Ltd. and is under option to New Dimension Resources Ltd.

This report describes stream sediment, soil and rock geochemical sampling and prospecting conducted on June 16 and 17 and July 20, 2011 by Archer, Cathro and Associates (1981) Limited on behalf of New Dimension. The author participated in and directed this project and her Statement of Qualifications is in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Lance property is located in east-central Yukon at latitude 63°27' north and longitude 132°55' west on NTS map sheet 105N/07 (Figure 1). It comprises 332 contiguous quartz claims that cover an area of about 6700 hectares (67 km²). One hundred and eight of these claims were acquired prior to the 2011 exploration program, while the remaining claims were staked after positive results were obtained. All of the claims are registered with the Mayo Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic Metals. Specifics concerning claim registration are tabulated below, while the locations of individual claims are shown on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date</u>
Lance 1-108	YD109791-YD109898	March 31, 2014*
Lance 109-332	YE66799-YD67022	August 5, 2012

* Expiry date includes 2011 work which has been filed for assessment credit but not yet accepted.

Daily access to and from the property in June was provided by a Bell 206B helicopter operated by Trans North Helicopters from the Faro airport. The Faro airport is located approximately 140 km south of the property. All personnel stayed at the Faro Studio Hotel. Faro is accessible via the Robert Campbell Highway in all seasons using two-wheel drive vehicles.

In July, access was provided by a Hughes 500D helicopter operated by Fireweed Helicopters from a temporary base at the Rackla Airstrip, which is located about 90 km northwest of the property.

HISTORY AND PREVIOUS WORK

In 1990, the Geological Survey of Canada (GSC) completed a reconnaissance-scale stream sediment and water sampling survey on NTS map sheet 105N (Day *et. al.*, 2009). Samples collected from creeks draining the Lance property returned 80th to greater than 99th percentile arsenic (29 to 480 ppm, average of 143 ppm), 90th percentile gold (12 ppb), and 80th to greater than 98th percentile bismuth (0.3 to 1.2 ppm, average of 0.6 ppm) and antimony (1.6 and 6.0 ppm, average of 3.0 ppm) values for that map sheet.

**NEW DIMENSION RESOURCES LTD.
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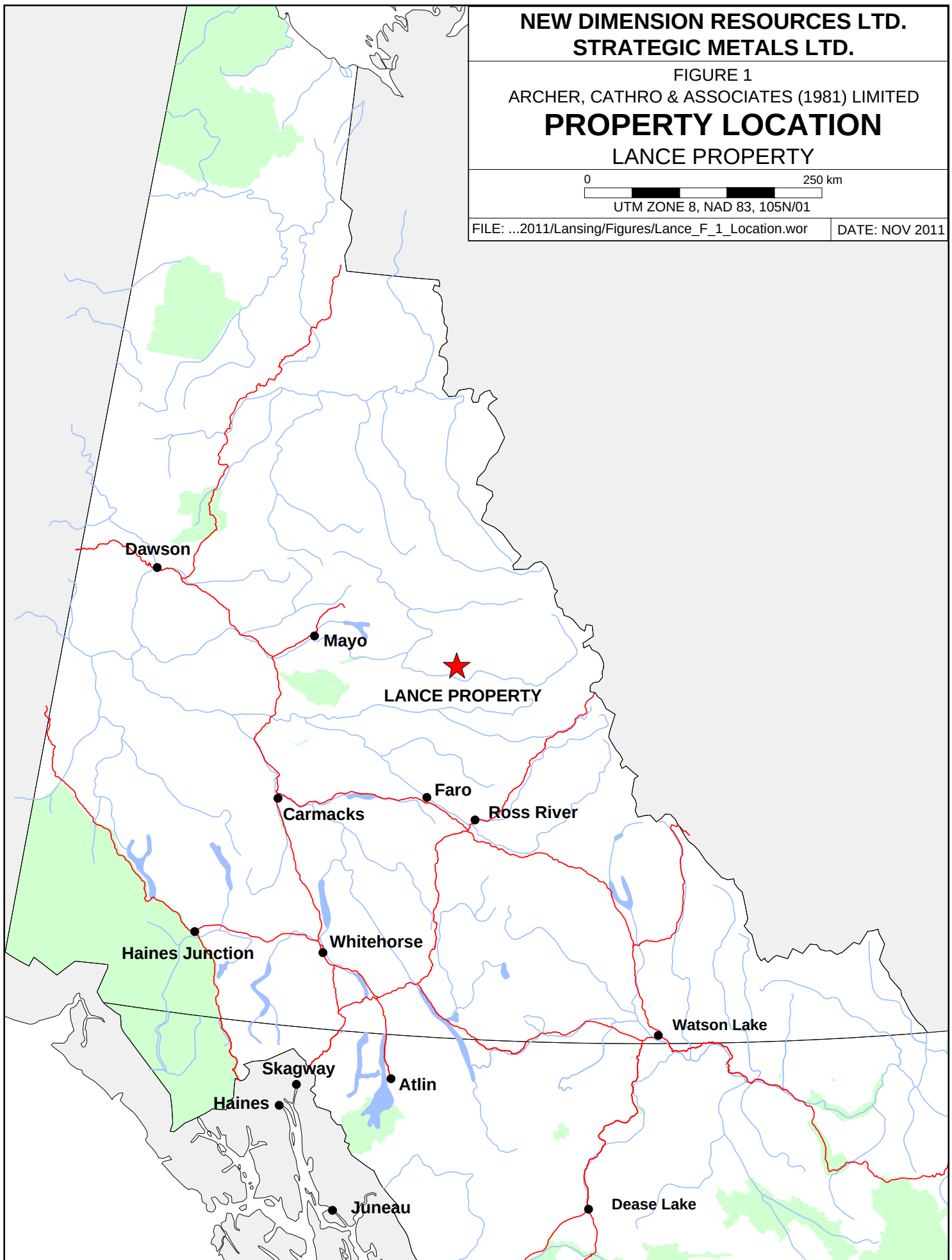
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

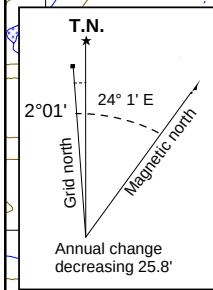
**PROPERTY LOCATION
LANCE PROPERTY**

0 250 km
UTM ZONE 8, NAD 83, 105N/01

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DATE: NOV 2011



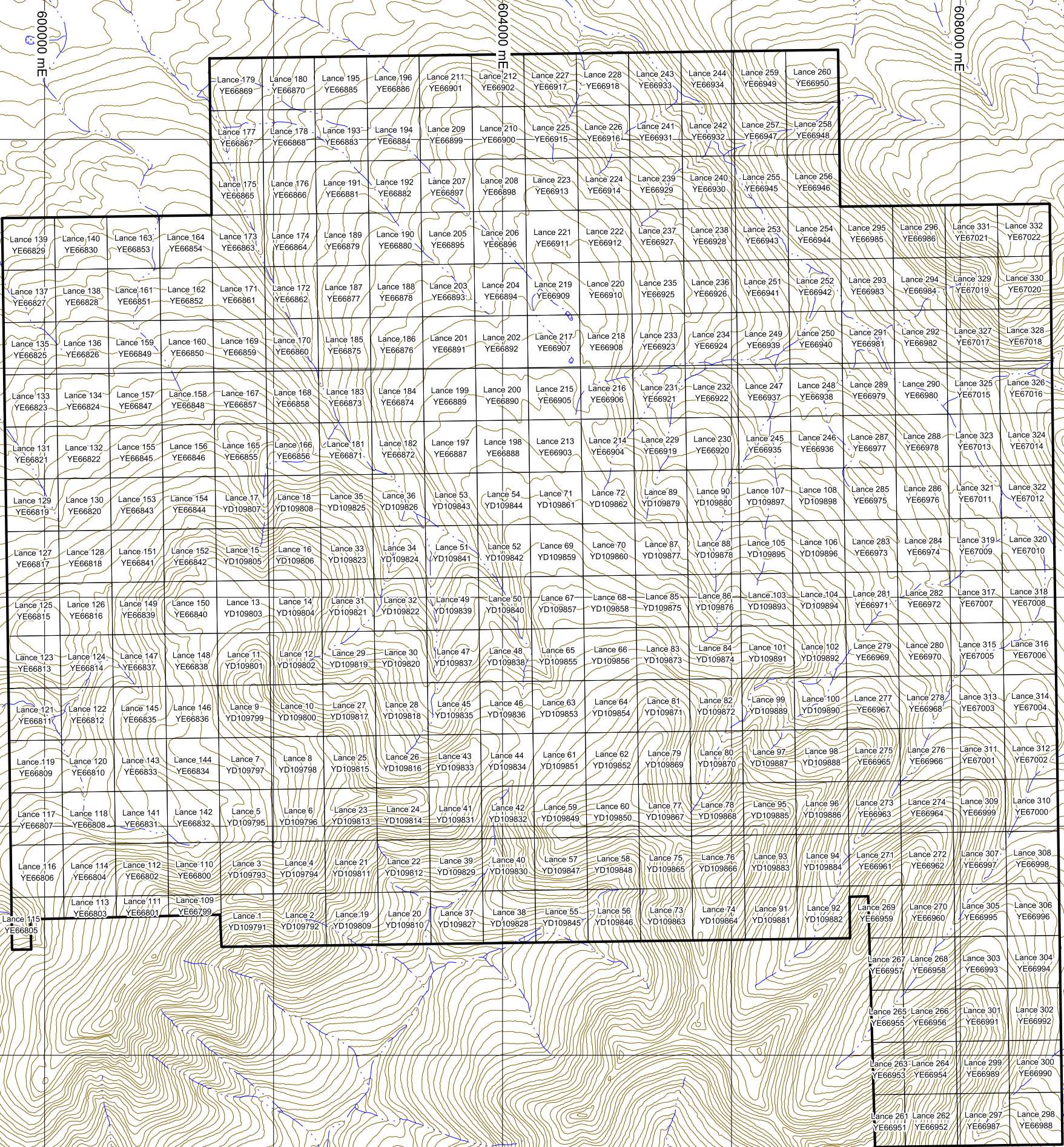


7038000 mN

7036000 mN

7034000 mN

7032000 mN



NEW DIMENSION RESOURCES LTD.
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FIGURE 2
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CLAIM LOCATIONS
LANCE PROPERTY

012 km

Contour Interval: 20 m. UTM Zone 8, NAD 83, 105N/06 & 07

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No further record of work in this area could be found.

GEOMORPHOLOGY AND CLIMATE

The Lance property is situated in the Hess Mountains, a subset of the Selwyn Mountains. It is drained by streams that flow into Pleasant Creek and the Hess River, which both ultimately connect to the Pacific Ocean via the Yukon River.

The property covers the north face of a mountain located 12 km southwest of Swan Lake and 30 km northwest of Fairweather Lake. Elevations on the property range from about 800 to 1880 m above sea level (asl). Outcrop exposure is locally abundant but is generally restricted to ridge tops, creek cuts and steep slopes. Approximately one third of the property lies above treeline, which is at about 1500 m asl. Slopes above that elevation are characterized by talus, outcrop and alpine vegetation primarily comprising low grass and staghorn moss. The density and size of vegetation gradually increases on lower slopes, and the valley floors are treed with fir and spruce. Understorey consists of low shrubs and moss.

Much of the overburden in the region is associated with the most recent Cordilleran ice sheet, the McConnell glaciation, which is believed to have covered south and central Yukon between 26,500 and 10,000 years ago (Yukon Geological Survey, 2010). In this area, the ice sheet generally moved in a northwesterly direction.

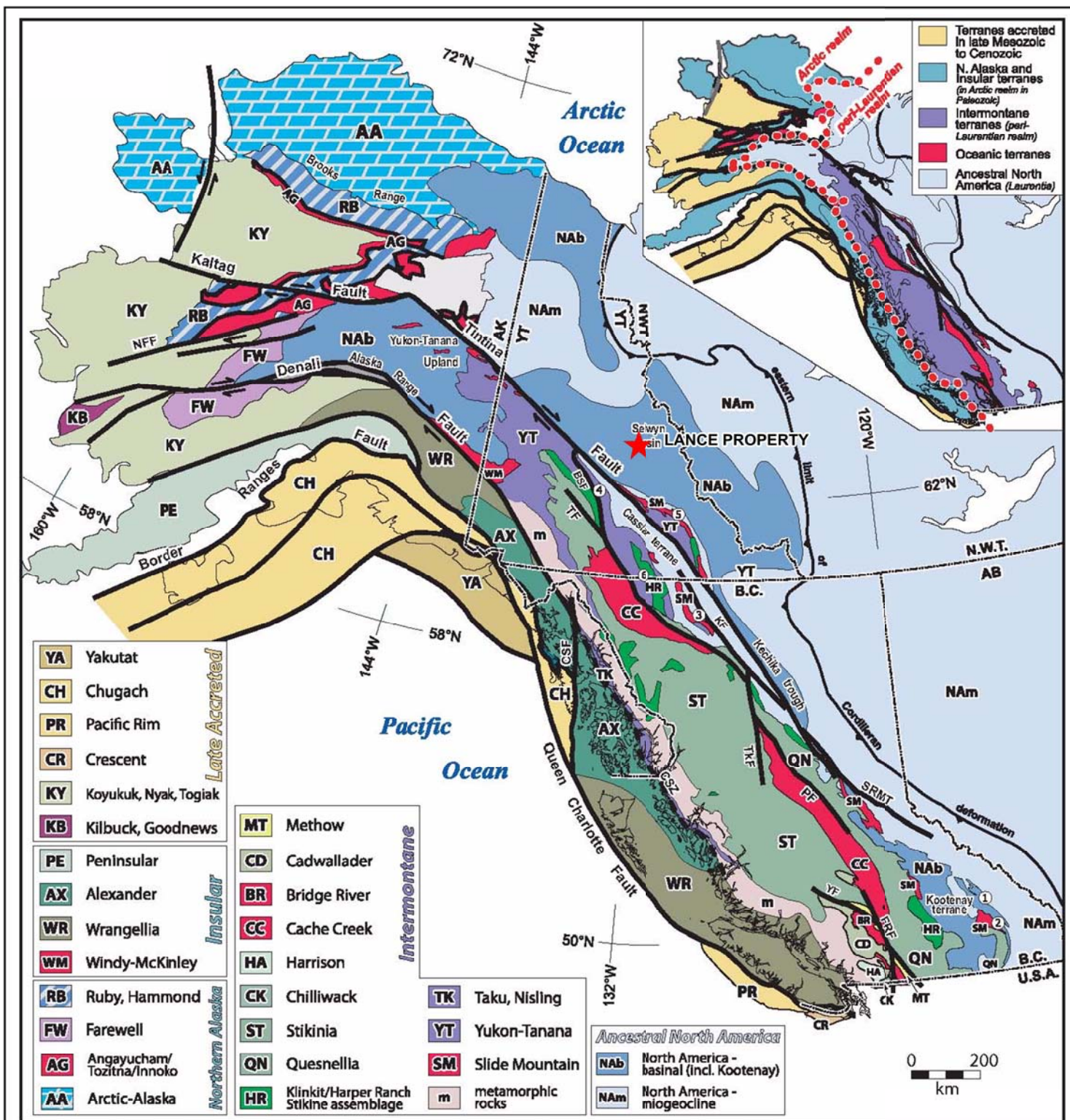
The climate in the Lance property area is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and short, mild summers. The property is mostly snow free from late May to late September.

REGIONAL GEOLOGY

In 1995 and 2003, the GSC and Yukon Geological Survey (YGS) published geological maps of the Lansing Range map sheet (NTS 105N) at 1:125,000 and 1:250,000 scales, respectively (Roots *et.al.*, 1995 and Roots, 2003). In 2003, Gordey and Makepeace incorporated this data as part of a Yukon-wide geological compilation. The following geological descriptions are based on the published data.

The Lance property is located within northern Selwyn Basin (Figure 3), a predominantly off-shelf metasedimentary and metavolcanic sequence that formed on the western margin of the North American craton from Upper Proterozoic to Lower Paleozoic times.

The geology of the Lansing Range map sheet includes seven sedimentary units (Figure 4). The basal sequence of Hyland Group, Gull Lake Formation and Road River Group represents clastic fill and deep water chemical precipitate of Upper Proterozoic and Lower Paleozoic age. The Mid-Paleozoic Earn Group conformably and locally unconformably overlies the basal sequence and dominantly consists of black shale and marine conglomerate (Roots, 2003). The younger strata have a limited extent and comprise Mississippian to Triassic sedimentary successions (Keno Hill Quartzite, Mount Christie Group and Jones Lake Formation). Numerous Mid-Cretaceous Selwyn Suite igneous bodies cut the sedimentary package throughout the region. A



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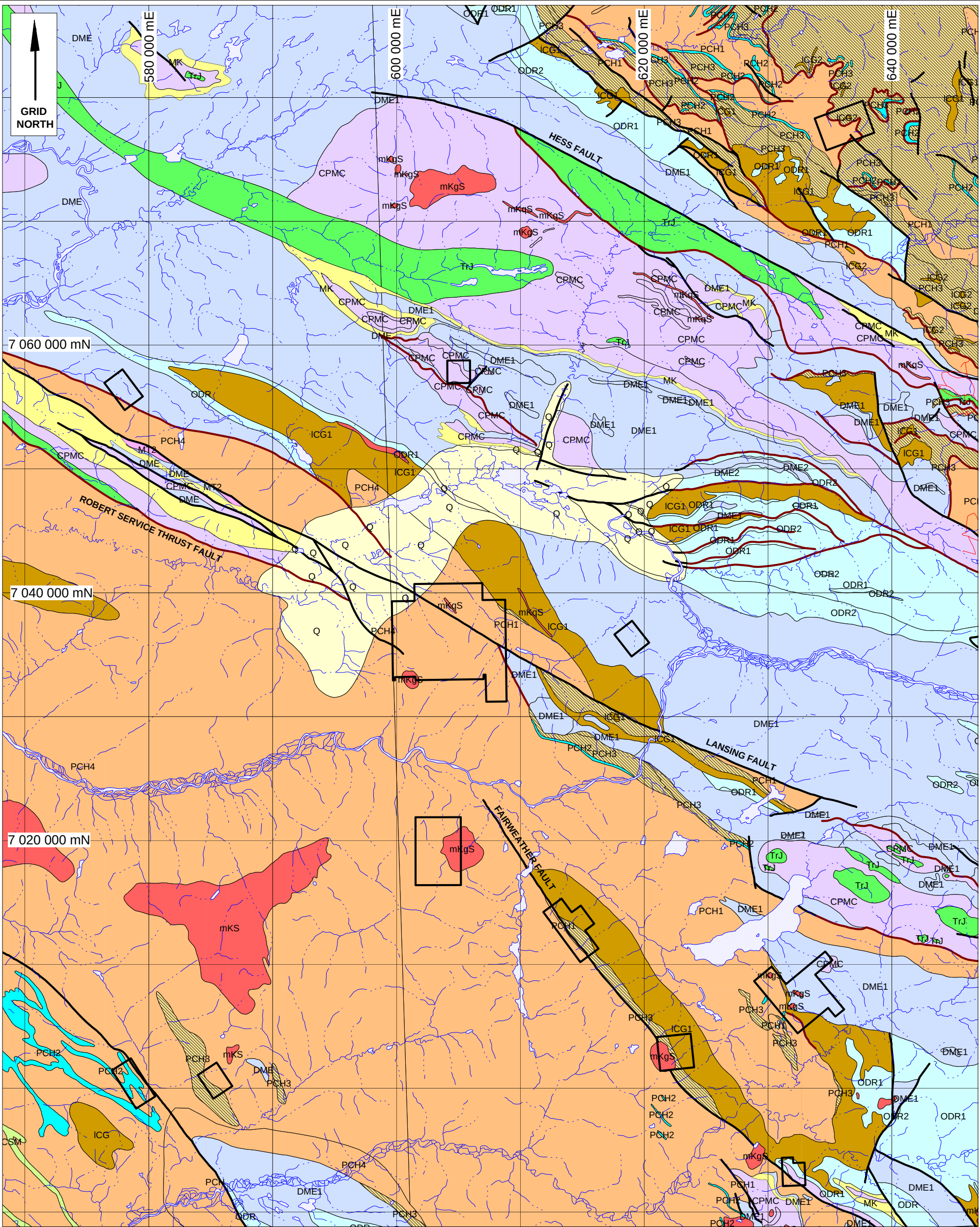
FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING

LANCE PROPERTY

UTM ZONE 8, NAD 83, 105N/06 & 07



Fault (movement unknown)

Thrust fault (dip unknown)

See accompanying lithological legend

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FIGURE 4
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
REGIONAL GEOLOGY
LANCE PROPERTY

0510

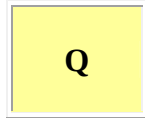
UTM ZONE 8, NAD 83, NTS 105N

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DATE: NOVEMBER 2011

GEOLOGICAL LEGEND TO ACCOMPANY FIGURE 4

QUATERNARY



Q: QUATERNARY

unconsolidated glacial, glaciofluvial and glaciolacustrine deposits; fluvial silt, sand, and gravel, and local volcanic ash, in part with cover of soil and organic deposits

MID-CRETACEOUS



mKS: SELWYN SUITE

plutonic suite of intermediate (g) to more felsic composition (q) and rarely syenitic (y); equivalent felsic dykes (f); complete compositional gradation so that these designations are somewhat arbitrary

q. equigranular to porphyritic (K-feldspar) biotite +/- hornblende +/- muscovite granite, quartz monzonite and granodiorite; porphyritic biotite hornblende granite with large smoky grey quartz phenocrysts and locally K-feldspar phenocrysts (Selwyn Suite)

g. resistant, blocky, fine to coarse grained equigranular to porphyritic (K-feldspar) biotite quartz monzonite and granodiorite and minor quartz diorite; minor leuco-quartz monzonite and syenite (Selwyn Suite)

MIDDLE TO UPPER TRIASSIC



TrJ: JONES LAKE

brown to buff weathering, calcareous fine grained sandstone, argillite and shale; extensive ripple cross-lamination and bioturbation; massive, light grey weathering, fine crystalline, dark grey limestone; minor orange weathering platy limestone (Jones Lake)

CARBONIFEROUS TO PERMIAN



CPMC: MOUNT CHRISTIE

burrowed, interbedded greenish grey cherty shale and green shale; thin to medium bedded, light grey-green to black chert; black siliceous slate and siltstone; minor quartzite, limestone and dolostone; locally abundant, large grey barite nodules (Mount Christie)

MISSISSIPPIAN



MK: KENO HILL

massive to thick bedded quartz arenite; thin to medium bedded quartz arenite interstratified with black shale or carbonaceous phyllite; local scour surfaces and shale intraclasts; locally foliated and lineated (Keno Hill Quartzite)

MISSISSIPPIAN

MT

MT: TAY

mixed, generally fine clastic and carbonate assemblage (1) with locally thick regionally mappable carbonate horizons (2)

2. grey and buff weathering, generally thick bedded to massive, dark grey to black fetid limestone; fine crystalline to cryptocrystalline; commonly bioclastic

DEVONIAN AND MISSISSIPPIAN

DME

DME: EARN

complex assemblage of submarine fan and channel deposits (1), (5) within black siliceous shale and chert (2), (4) and including separated small occurrences of felsic volcanic rocks (3); barite common and many occurrences of stratiform Pb-Zn

1. thin bedded, laminated slate with thin to thickly interbedded fine to medium grained chert-quartz arenite and wacke; thick members of chert pebble conglomerate; black siliceous siltstone; nodular and bedded barite; rare limestone (Earn Gp., Portrait Lake and Prevost)

ORDOVICIAN TO LOWER DEVONIAN

ODR

ODR: ROAD RIVER - SELWYN

black shale and chert (1) overlain by orange siltstone (2) or buff platy limestone (3); locally contains beds as old as Middle Cambrian (4); correlations with basinal strata in Richardson Mountains include: ODR1 with CDR2 (upper part) and ODR2 with CDR4 (Road River Gp.)

1. black, gun-blue, or silvery white weathering black graptolitic shale and black chert; resistant grey weathering, thin to medium bedded, light grey to black, greenish grey or turquoise chert; minor argillaceous limestone (Road River Gp., Duo Lake and Elmer Creek)
2. rusty dark green to orange buff weathering, pyritic, burrowed, thin to thick bedded, argillite and dolomitic siltstone with members or partings of black shale and chert; minor bright orange dolostone (Road River Gp., Steel)

LOWER CAMBRIAN

ICG

ICG: GULL LAKE

dominantly fine clastic assemblage (1) with local volcanic units (2)

1. shale, siltstone and mudstone, locally bioturbated, with minor quartz sandstone; rare green-grey chert; local basal limestone and limestone conglomerate; phyllite to quartz-muscovite-biotite schist (+/-garnet +/-sillimanite +/-staurolite +/-andalusite) (Gull Lake)

2. dark green massive to fragmental mafic meta-volcanic and volcanoclastic rocks; siltstone and argillite

UPPER PROTEROZOIC TO LOWER CAMBRIAN

PCH

PCH: HYLAND

consists upwards of coarse turbiditic clastics (1), limestone (2) and fine clastics typified by maroon and green shale (3); may include younger (4) units; includes scattered mafic volcanic rocks (5) (Hyland Gp.)

PCH2

1. thin to thick bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone, grit, and quartz-pebble conglomerate; minor argillaceous limestone; phyllite, quartzofeldspathic and micaceous psammite, gritty psammite and minor marble (Hyland Gp., Yusezyu)
2. grey weathering, dark grey to grey white, thin to thick bedded, very fine crystalline limestone, locally sandy; calc-silicate and marble; may locally include carbonate members within (1) or (4) (Hyland Gp., Algae Lake , limestone member of Yusezyu)
3. distinctive, recessive, maroon weathering, interbedded maroon and apple-green slate; "Oldhamia" trace fossils; rare grey chert; locally basal member and interbeds of quartz siltstone, sandstone and quartz-pebble conglomerate (Hyland Gp., Narchilla , Senoah , Arrowhead Lake)
4. quartzose clastic rocks as described in (1); mostly(?) equivalent to (1) but may include younger units (Hyland Gp., mostly(?) Yusezyu)

large area at the centre of the map sheet is covered by Quaternary unconsolidated glacial, glaciofluvial and glaciolacustrine deposits. The units are described in Table I.

Table I – Lithological Units (after Gordey and Makepeace, 2003)

Unit Name	Map Name	Age	Description
Q	Quaternary	Quaternary	Unconsolidated glacial, glaciofluvial and glaciolacustrine deposits; fluviatile silt, sand, and gravel, and local volcanic ash, in part with cover of soil and organic deposits.
mKgS	Selwyn Suite	Mid-Cretaceous	Mainly hornblende and hornblende/biotite syenite, commonly porphyritic (potassium feldspar phenocrysts), uneven textured, mostly medium grained, locally fine or coarse grained; minor diorite; hornblende syenite.
TrJ	Jones Lake Formation	Triassic	Brown to buff weathering, calcareous fine grained sandstone, argillite and shale; extensive ripple cross-lamination and bioturbation; massive, light grey weathering, fine crystalline, dark grey limestone; minor orange weathering platy limestone.
CPMC	Mount Christie Formation	Carboniferous to Permian	Burrowed, interbedded greenish grey cherty shale and green shale; thin to medium bedded, light grey-green to black chert; black siliceous slate and siltstone; minor quartzite, limestone and dolostone; locally abundant, large grey barite nodules.
MK	Keno Hill Quartzite	Mississippian	Massive to thick bedded quartzarenite; thin to medium bedded quartzarenite interstratified with black shale or carbonaceous phyllite; local scour surfaces and shale intraclasts; locally foliated and lineated.
MT2	Tay Formation	Mississippian	Grey and buff weathering, generally thick bedded to massive, dark grey to black fetid limestone; fine crystalline to cryptocrystalline; commonly bioclastic.
DME	Earn Group	Devonian and Mississippian	Thin bedded, laminated slate with thin to thickly interbedded fine to medium grained chert-arenite and wacke; thick members of chert pebble conglomerate; black siliceous siltstone; nodular and bedded barite; rare limestone.
ODR1	Road River	Ordovician to	Black, gun-blue, or silvery white

	Group	Lower Devonian	weathering black graptolitic shale and black chert; resistant grey weathering, thin to medium bedded, light grey to black, greenish grey or turquoise chert; minor argillaceous limestone.
ICG1	Gull Lake Formation	Lower Cambrian	Shale, siltstone and mudstone, locally bioturbated, with minor quartz sandstone; rare green-grey chert; local basal limestone and limestone conglomerate; phyllite to quartz-muscovite-biotite schist (+/-garnet +/-sillimanite +/-staurolite +/-andalusite).
PCH (undivided)	Hyland Group	Upper Proterozoic to Lower Cambrian	Consists upwards of coarse turbiditic clastics (1), limestone (2) and fine clastics typified by maroon and green shale (3).
PCH1			Thin to thick bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone, grit, and quartz-pebble conglomerate; minor argillaceous limestone; phyllite, quartzofeldspathic and micaceous psammite, gritty psammite and minor marble.
PCH2			Grey weathering, dark grey to grey white, thin to thick bedded, very fine crystalline limestone, locally sandy; calc-silicate and marble.
PCH3			Distinctive, recessive, maroon weathering, interbedded maroon and apple-green slate; "Oldhamia" trace fossils; rare grey chert; locally basal member and interbeds of quartz siltstone, sandstone and quartz-pebble conglomerate.

Bedding and structure on the Lansing Range map sheet are dominated by a northwesterly trend. Significant thrust, strike-slip and extensional faults are present throughout the map sheet. The Lance property overlies part of the Lansing Fault (informally named for the purposes of this report), which is a steeply-dipping fault that offset the older Robert Service Thrust Fault. The main portion of the Robert Service Thrust Fault lies 4 kilometres to the west of the Lance property and extends to the northwest; however, a relatively short, offset segment of this fault crosses the eastern part of the property. Another high angle fault is mapped in the southwest corner of the property. Although it is not shown on the map, this fault likely connects to the Fairweather Fault (also informally named for this report) 10 km to the southeast. All of the major faults pre-date Mid-Cretaceous plutonism, as evidenced by cross-cutting relationships and several plugs that are emplaced along, but not offset by the Fairweather Fault. Bedding is variable throughout the map sheet, but generally trends northwesterly, and dips moderately to the southwest.

PROPERTY GEOLOGY

New Dimension conducted only limited geological mapping on the Lance property. This work focussed on confirming the accuracy of the GSC's regional maps (Gordey and Makepeace, 2003). The following geological descriptions are based on the GSC's data and observations made by New Dimension.

The Lance property is underlain by a basement of Hyland Group (Figure 5). Hyland Group is conformably overlain by Gull Lake Formation in the northeast corner of the property. Hyland Group is juxtaposed against Earn Group along the faults at the eastern edge of the property. In the northwest corner of the property, Hyland Group is overlain by Quaternary glacial, glaciofluvial and glaciolacustrine deposits. Hyland Group is cut by two small Selwyn Suite plugs in the northern and southwestern parts of the property.

Selwyn Suite intrusive bodies in this area have little or no aeromagnetic expression due to their reduced nature (Roots, 2003 and Lefebvre and Hart, 2005). A regional aeromagnetic map compiled by the YGS shows little magnetic response for the Lance property area (Yukon Geological Survey, 2011).

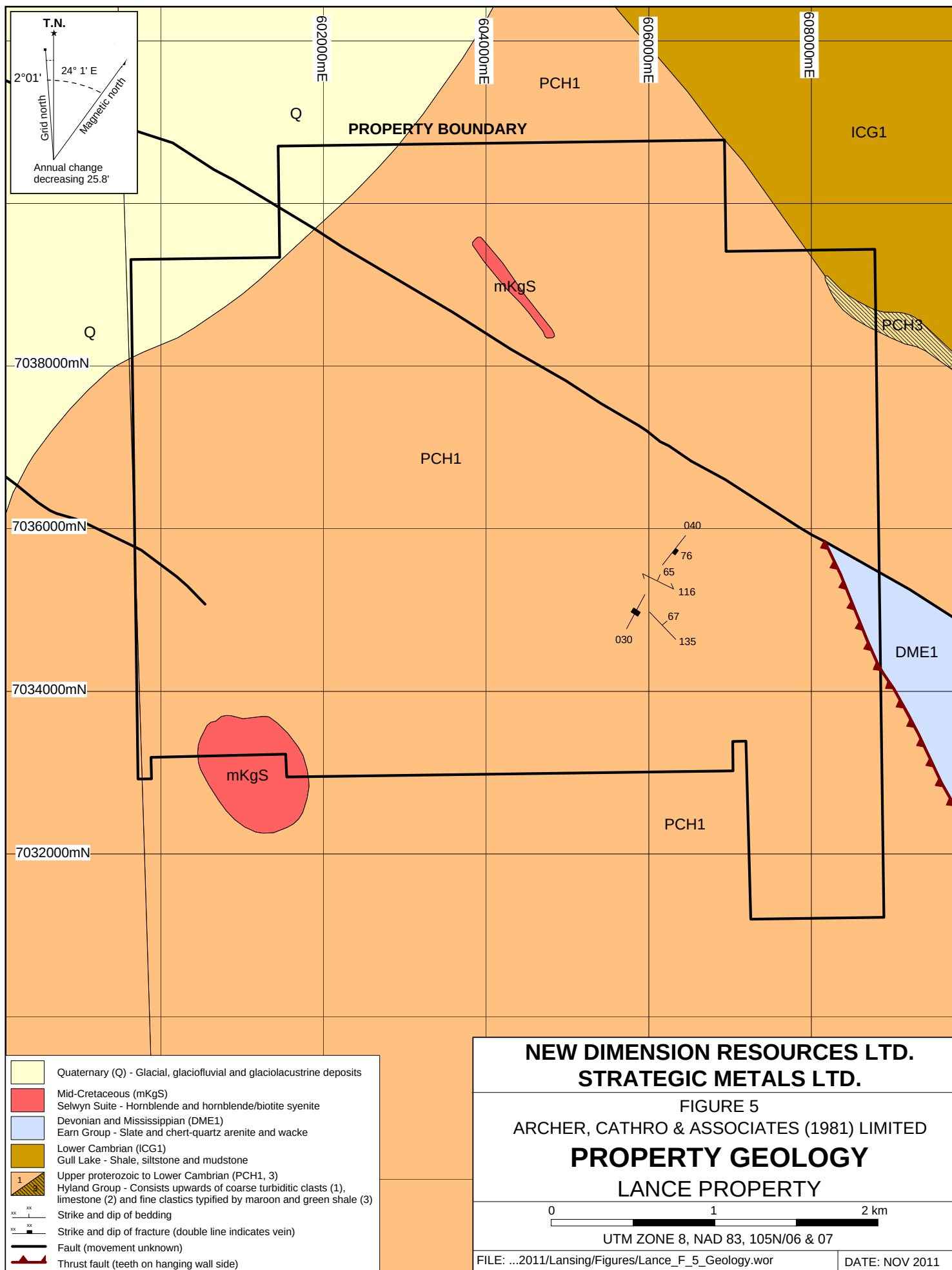
Structural orientations were only measured within a small area on the property. Bedding and cleavage strike southeasterly and dip moderately or steeply to the northwest, while fractures primarily strike northeasterly and dip vertically or steeply to the southeast.

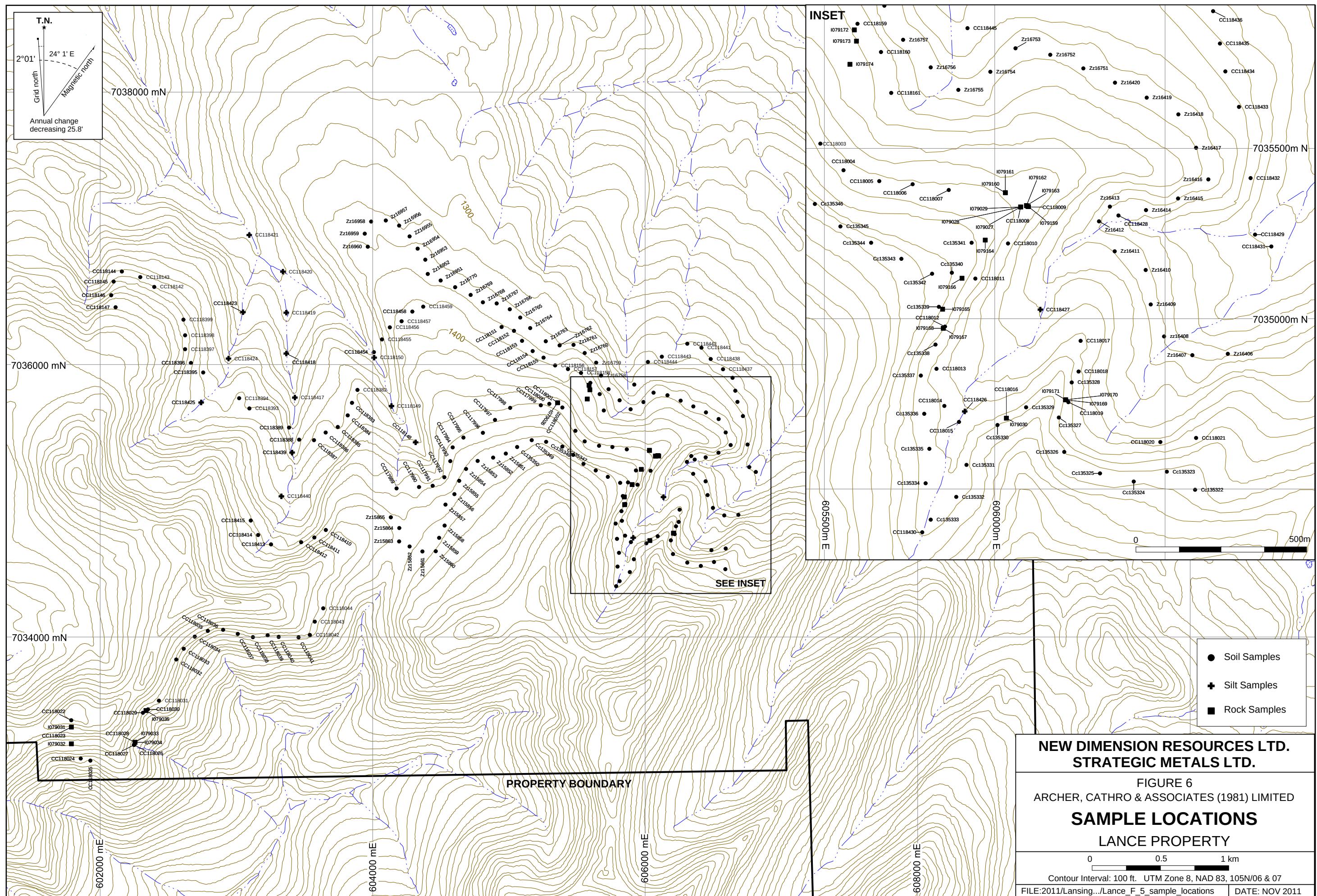
MINERALIZATION

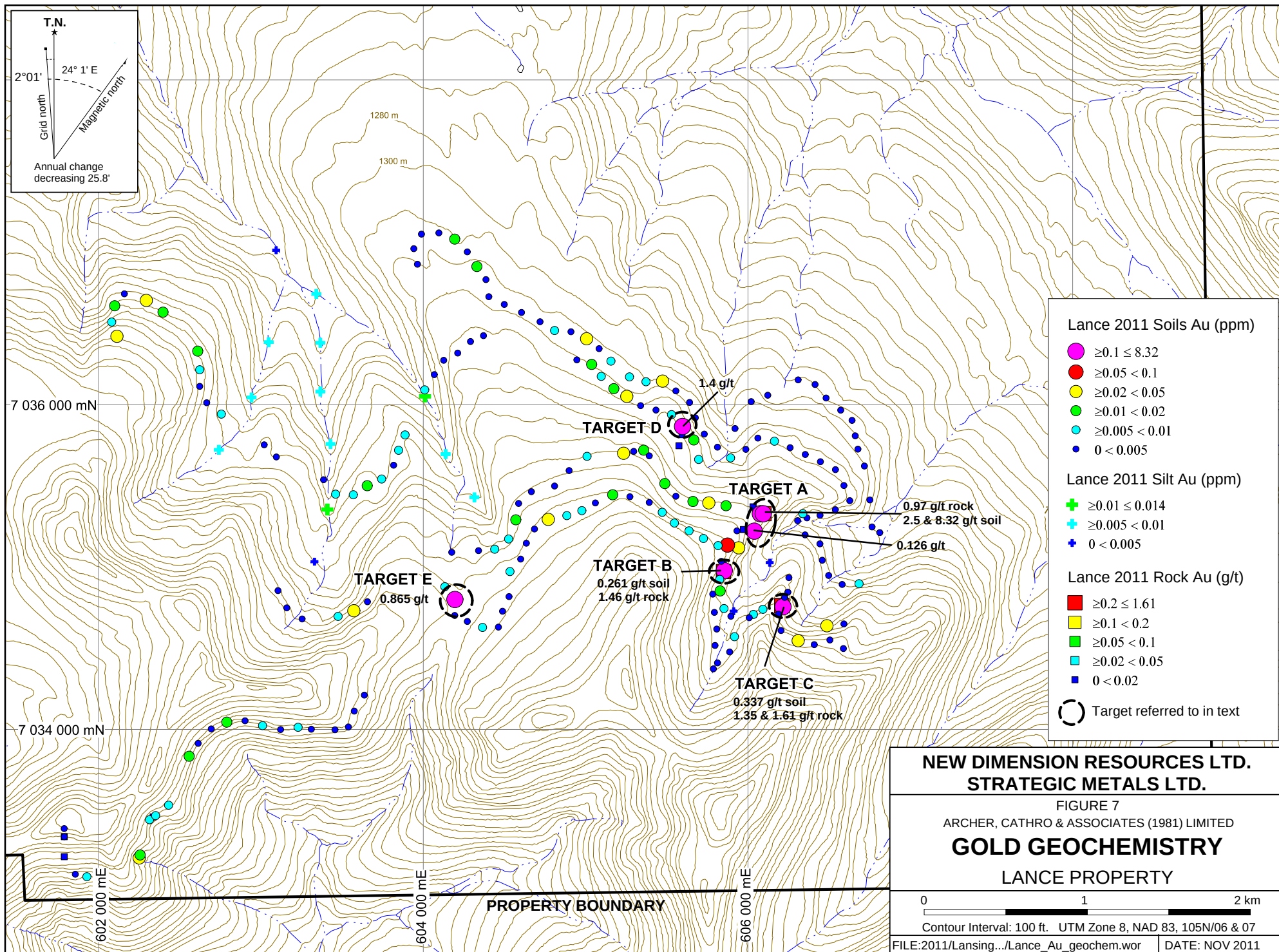
New Dimension conducted prospecting in the southwest corner of the property in conjunction with and as follow up to contour soil geochemical sampling. Five targets (A to E) were defined by gold±arsenic±bismuth±antimony±tungsten soil geochemical anomalies. Four of these targets (A to D) were prospected in 2011.

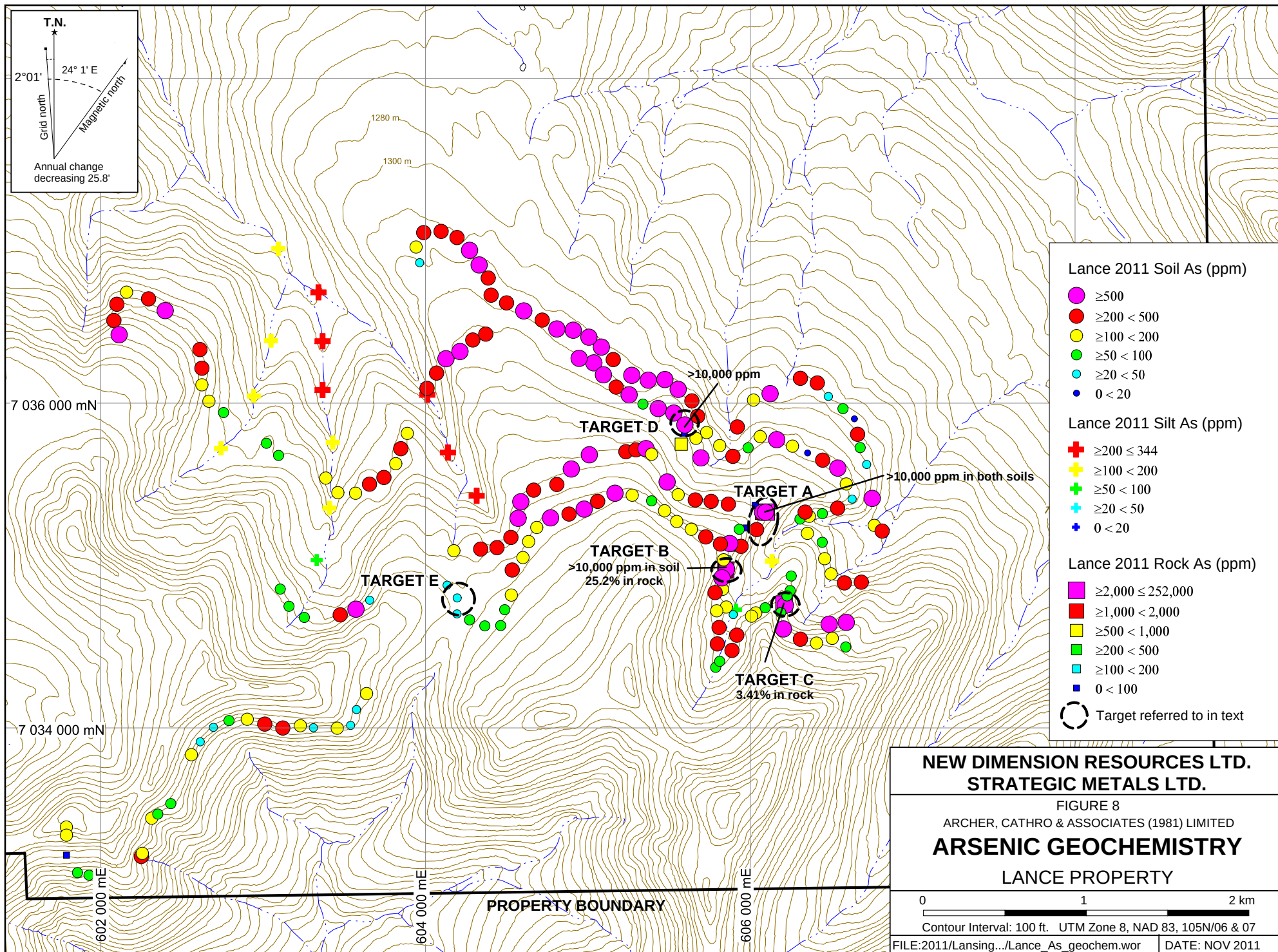
New Dimension collected a total of 26 rock samples. Sample locations are plotted on Figure 6, while results from for gold, arsenic, antimony, bismuth and tungsten, are plotted on Figures 7 to 11, respectively. Rock Sample Descriptions appear in Appendix II and Certificates of Analysis are given in Appendix III.

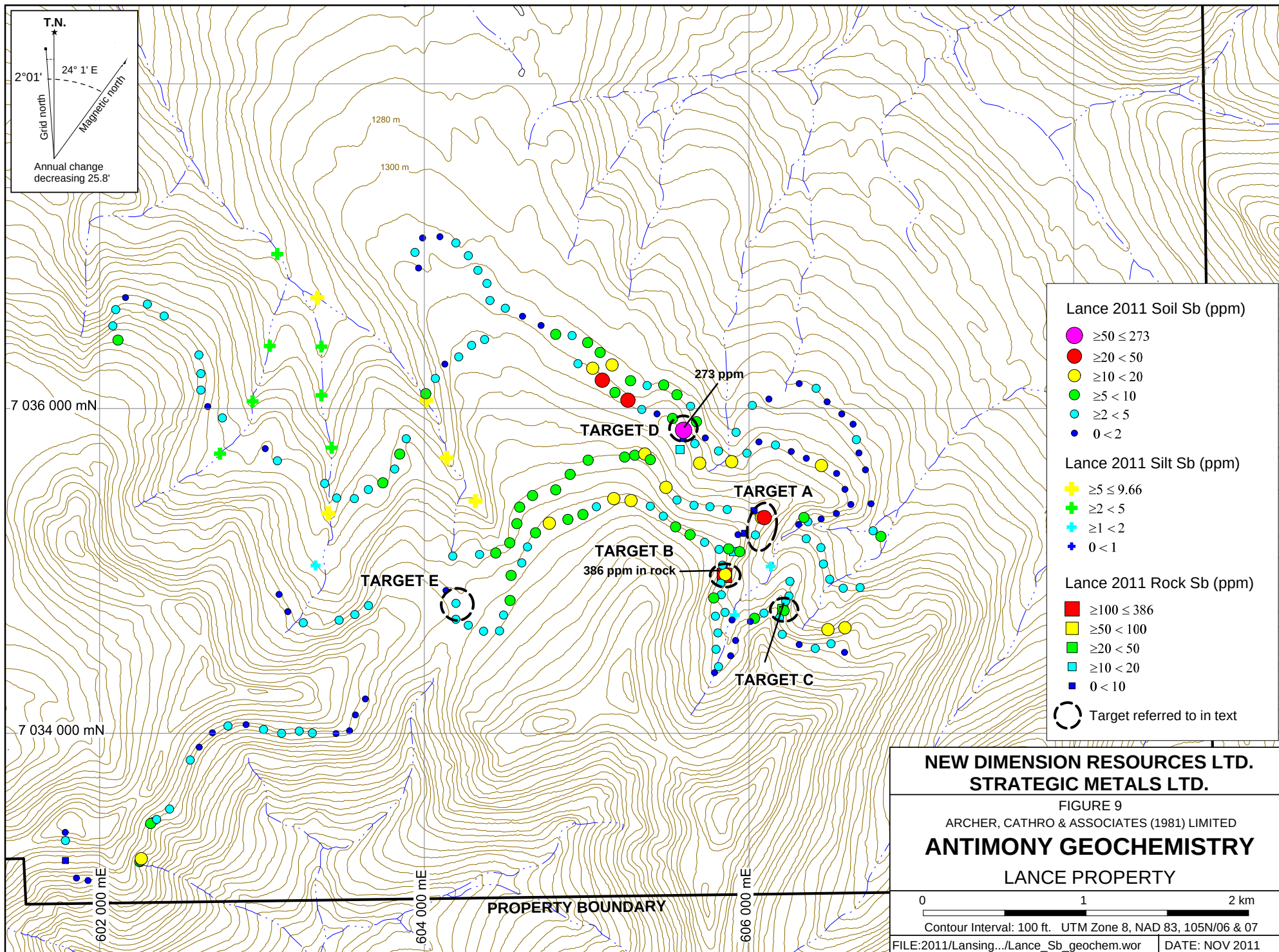
Rock geochemical sample sites on the property were marked with orange flagging tape labelled with the sample number. The location of each sample was determined using a handheld GPS unit. Multi-element analyses for rock samples were carried out at ALS Chemex in Whitehorse, Yukon and/or North Vancouver, 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 microns. The fine fraction was then analyzed for 51 elements using an aqua regia digestion followed by inductively coupled plasma combined with mass spectroscopy and atomic emission spectroscopy (ME-MS41). An additional 25 g charge was further analysed for gold by aqua regia digestion with inductively coupled plasma mass spectroscopy finish (Au-TL44).

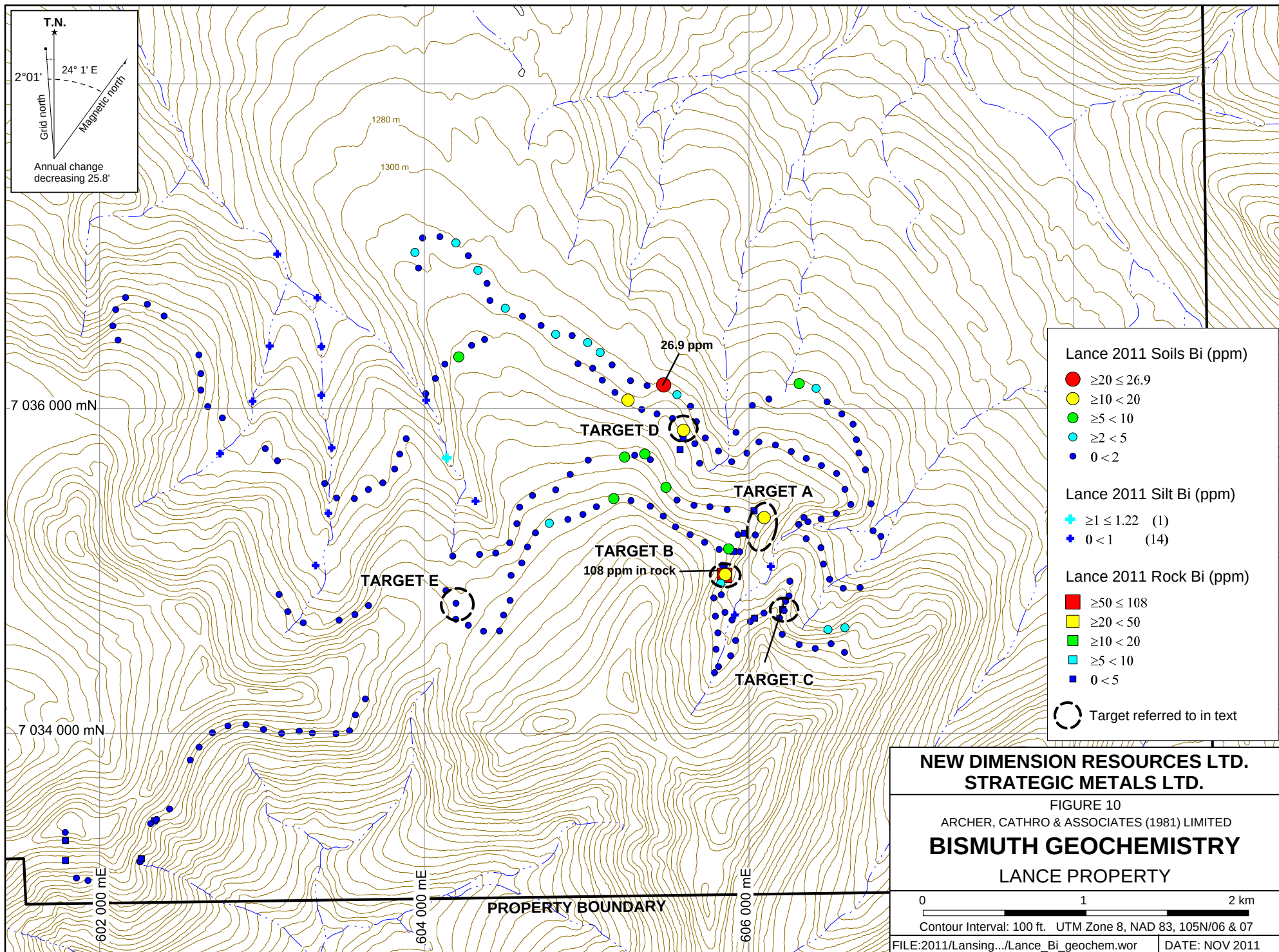


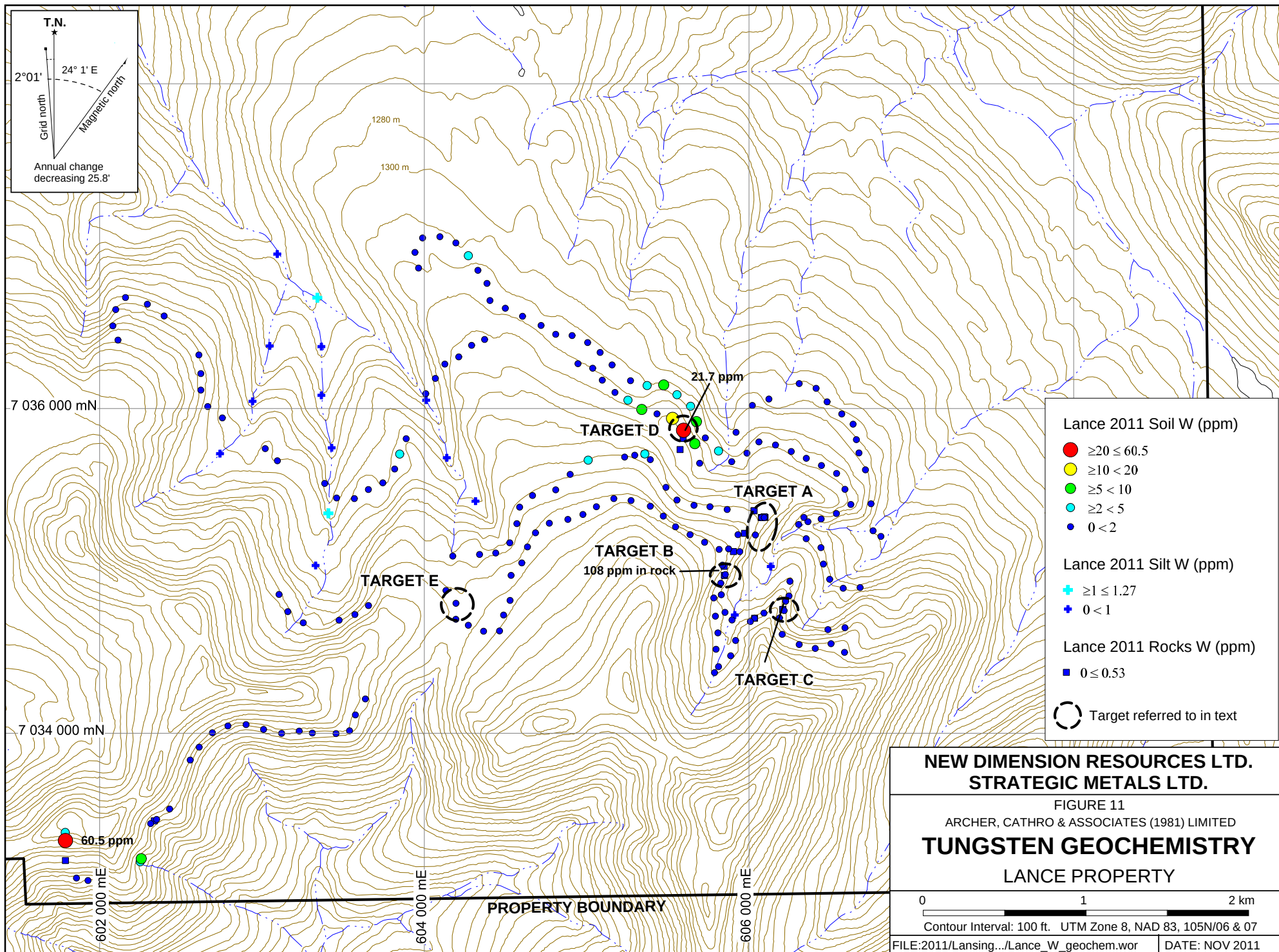












Target A comprises approximately a 25 by 10 m rusty kill zone situated at the southeast edge of a rounded, northeasterly trending, alpine ridge. Three sub-parallel gullies cross the ridge in the vicinity of the kill zone. Quartz vein talus appears to be concentrated along the gullies and on the low ridges between them. The quartz veins are variably rusty weathering and often contain weakly disseminated pyrite, arsenopyrite and/or limonite. Quartz veins comprise about five percent of the kill zone and are hosted in weakly pyritiferous, fine to coarse grained siliceous schist talus (Hyland Group). At least one aplite sill was also observed in the area.

A composite sample of schist with trace sulphides yielded weakly elevated arsenic (266 ppm). Three samples of variably rusty weathering quartz vein returned background to weak gold (0.012 to 0.051 g/t) and weak to strong arsenic (434 to 1125 ppm) values. A sample of distinctly scorodite-stained quartz vein with five percent greenish-orange limonite and minor fine grained, fracture-hosted arsenopyrite yielded 0.970 g/t gold and 9970 ppm arsenic. Subdued bismuth and antimony values were obtained from all samples.

Target B comprises a northeasterly trending arsenopyrite-rich quartz vein that is exposed on a steep southeast-facing slope, 300 m southeast of Target A. The vein cuts siliceous schist. Due to the steepness of the slope and abundance of talus, it was not possible to measure the true width of the vein; however, it is likely about 15 cm wide. The vein trends into heavily vegetated terrain to the southeast and talus cover to the northwest. Two samples were collected from this structure – one arsenopyrite rich sample and one composite sample of representative, weakly mineralized quartz vein. The high grade sample yielded 1.46 g/t gold, 25.2% arsenic, 107.5 ppm bismuth and 386 ppm antimony, while the weakly mineralized sample returned only strongly elevated arsenic (1420 ppm).

A composite sample was collected from an aplite sill(?) located between Targets A and B. It yielded weakly anomalous arsenic (467 ppm) with background values for the other elements of interest.

Prospecting at **Target C** identified a relatively large, cliffy, quartz stockwork zone within a grainy, siliceous clastic unit (same unit that comprises schist at Targets A and B – but not schistose at this location). The quartz stockwork is located on the northeast side of a prominent southeast-trending fissure through the cliff. The quartz stockwork is locally arsenopyrite-bearing and the weathered faces of the host rocks are often coated by scorodite. Three samples were collected from this area. A specimen of weakly arsenopyrite-bearing, pervasively yellow-green quartz vein from talus returned 1.61 g/t gold, 3.41% arsenic and 34.7 ppm antimony. A sample of yellowish-green stained siliciclastic host rock yielded 0.062 g/t gold and 539 ppm arsenic. A composite sample of representative quartz vein talus with trace to minor limonite and arsenopyrite yielded 1.35 g/t gold and 8920 ppm arsenic with background values for bismuth and antimony.

No significant mineralization was discovered at **Target D**, possibly because prospecting was hampered by thick vegetation. Scattered intrusive and hornfelsed, pyritiferous metasedimentary talus were observed. Two samples of hornfels were collected – both returned background values for all elements of interest.

STREAM SEDIMENT AND SOIL GEOCHEMISTRY

New Dimension collected 15 stream sediment and 218 soil samples from the southeast corner of the Lance property. Sample locations are plotted on Figure 6, while results for gold, arsenic, antimony, bismuth and tungsten, are plotted on Figures 7 to 11, respectively. Certificates of Analysis are provided in Appendix III.

Stream sediment samples were collected from creeks by hand, while soil samples were collected from 10 to 40 cm deep holes dug by hand-held auger. All samples were placed into individually pre-numbered Kraft paper bags. Sample sites are marked by aluminum tags inscribed with the sample numbers and affixed to 0.5 m wooden lath that were driven into the ground. All sample locations were recorded using hand-held GPS units. All samples were sent to ALS Chemex in Whitehorse, Yukon and/or Vancouver, B.C., where they were dried, screened to -180 microns, and then analyzed for 51 elements using an aqua regia digestion followed by inductively coupled plasma combined with mass spectroscopy and atomic emission spectroscopy (ME-MS41). An additional 25 g charge was further analysed for gold by aqua regia digestion with inductively coupled plasma mass spectroscopy finish (Au-TL43).

Stream Sediment Geochemistry

Regional stream sediment samples collected by the GSC around the periphery of the Lance property yielded elevated values for arsenic±gold±antimony±bismuth.

Most of the stream sediment samples collected by New Dimension were taken from three creeks that lie to the west of the five targets described in the previous section; however, two samples were collected from a creek adjacent to Target B.

The creeks to the west of the targets yielded weak gold (10 to 14 ppb), weak to strong arsenic (50 to 344 ppm) and weak to moderate antimony (2 to 9.66 ppm) values with subdued bismuth and tungsten. The creek adjacent to Target B returned weak to moderate arsenic values (64.6 to 102 ppm).

Soil Geochemistry

Soil sampling identified a broad, strong arsenic anomaly that covers much of the southeast corner of the property. The arsenic anomaly is locally supported by strong gold, antimony, bismuth and tungsten values. Anomalous thresholds and peak values for soil samples are listed in Table II.

Table II – Geochemical Data for Soil Samples

Element	Anomalous Thresholds				
	Weak	Moderate	Strong	Very Strong	Peak
Gold (ppb)	≥ 10 < 20	≥ 20 < 50	≥ 50	-	81
Arsenic (ppm)	≥ 50 < 100	≥ 100 < 200	≥ 200 < 500	≥ 500	5990
Antimony (ppm)	≥ 5 < 10	≥ 10 < 20	≥ 20 < 50	≥ 50	523
Bismuth (ppm)	≥ 5 < 10	≥ 10 < 20	≥ 20	-	39.5
Tungsten (ppm)	≥ 5 < 10	≥ 10 < 20	≥ 20	-	60.5

Within the broad soil anomaly, five specific targets (A to E) were defined by elevated gold with arsenic, antimony, bismuth and/or tungsten.

Target A comprises a cluster of three samples that are strongly anomalous for gold, arsenic, bismuth and antimony. The two highest gold values (2.5 and 8.32 g/t) on the property are from this target, which lies within the mineralized kill zone.

Target B is located 300 m southwest of Target A and consists of a single sample that yielded 261 ppb gold with strongly to very strongly anomalous arsenic, bismuth and antimony values. It lies immediately below the auriferous arsenopyrite-rich quartz vein. Two samples that are located between Targets A and B returned moderately to strongly elevated gold and arsenic values.

Target C is situated 500 m south of Target A and is defined by a gold value of 337 ppb with very strong arsenic support. The anomalous soil sample is coincident with the auriferous quartz stockwork.

Target D lies 700 m to the northwest of Target A, on a small knob that is separated from the main north-facing hillside by a linear gully. Target D comprises a strongly elevated gold-in-soil value (1.4 g/t) with moderately to strongly elevated arsenic, antimony and tungsten support. The elevated tungsten (60.5 ppm) response distinguished Target D from the other targets.

Target E is located 2000 m west-southwest of Target A and is defined by a very strong gold value of 865 ppb. Unlike Targets A to D, the gold anomaly at Target E is not supported by any of the other elements of interest.

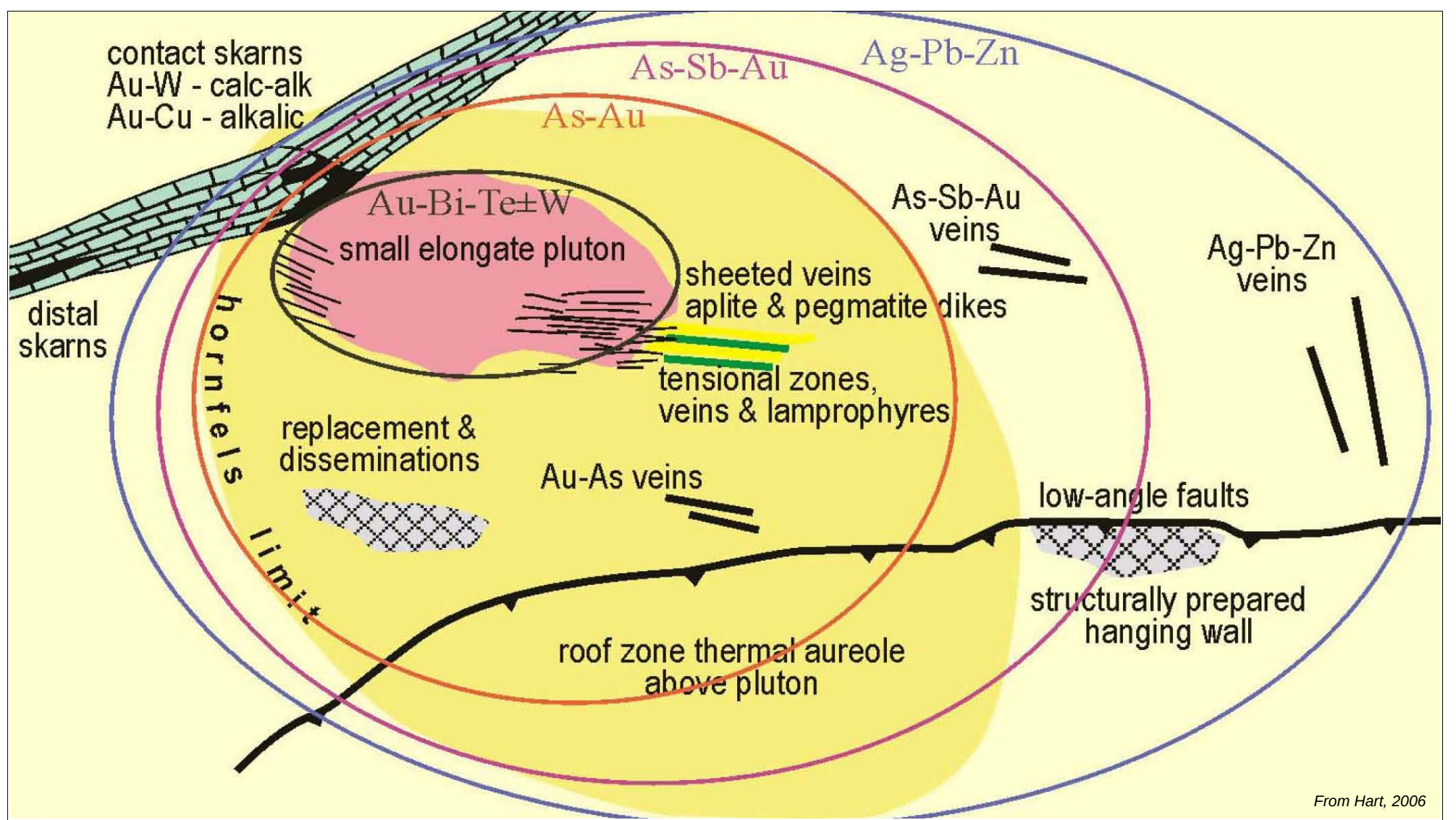
EXPLORATION MODEL

The Lance property lies along the southern margin of the Tombstone Gold Belt (TGB), a 600 km long belt of gold occurrences that extend across central Yukon and Alaska and which is associated with reduced, low magnetic signature plutons (Hart and Lewis, 2006 and Hart, 2006).

Since the discovery of the intrusion-related Fort Knox gold deposit in Alaska in the early 1990s, gold exploration in Yukon (particularly within the TGB) has increasingly focussed on plutons of Mid-Cretaceous age (Hart and Lewis, 2006). The strong association between gold mineralization and Mid-Cretaceous intrusions within the TGB provided the foundation for a reduced intrusion-related gold systems (RIRGS) model that has gained widespread use and acceptance (Hart and Lewis, 2006).

RIRGS gold deposits are the product of local-scale fluids derived from cooling of a proximal granitoid intrusion. Figure 12 illustrates several of the geochemical, lithological, structural and mineralogical features of RIRGS gold deposits. These deposits share several characteristics with orogenic deposits, which are considered to result from crustal-scale fluids derived through metamorphic dehydration (Hart, 2005). Features that are common to both deposit types include:

- 1) metaluminous, subalkalic intrusions or intermediate to felsic compositions that lie near the boundary between ilmenite and magnetite series;



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STRATEGIC METALS LTD.**

FIGURE 12
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**REDUCED INTRUSION-RELATED
GOLD SYSTEMS MODEL**

LANCE PROPERTY

FILE:2011/Lansing.../IRGS_model.wor

DATE: NOVEMBER 2011

- 2) carbonic hydrothermal fluids;
- 3) a metal assemblage that variably combines gold with elevated bismuth, tungsten, arsenic, molybdenum, tellurium and/or antimony and low concentrations of base metals; and
- 4) a low sulphide mineral content, with a reduced ore mineral assemblage that typically comprises arsenopyrite, pyrrhotite and pyrite and lacks magnetite and hematite (Hart, 2005).

Other features exist that exclusively differentiate RIRGS deposits (Hart, 2005), including:

- 1) ideal tectonic setting is ancient continental margin behind accretionary or collisional orogens and subduction-related magmatic arcs;
- 2) typically late in orogeny;
- 3) preferred host strata include basinal miogeoclinal sedimentary or metasedimentary rocks;
- 4) concentric zoning due to steep thermal gradients surrounding cooling plutons – zones can develop outward from pluton margin for up to a few kilometres and gold mineralization is associated with pluton-proximal mineralization (bismuth, tellurium and tungsten), aureole-hosted mineralization (arsenic or antimony) and distal mineralization (silver, lead and zinc);
- 5) several different styles of mineralization due to rapid cooling of mineralizing fluids – styles include variably intrusion and country-rock hosted skarns, replacements, disseminations, stockworks and veins;
- 6) sheeted arrays of parallel, low-sulphide, single-stage quartz veins found over tens to hundreds of metres and preferentially located in the pluton's cupola are the most distinctive style of gold mineralization;
- 7) plutons should exhibit physical evidence and geochemical support for high volatile contents, fluid exsolution, rapid fractionation, zonation, porphyry textures, presence of aplite and pegmatite dykes, quartz and tourmaline veins, greisen alteration, mariolitic cavities and/or unidirectional-solidification textures;
- 8) felsic, ilmenite-series plutons that lack magnetite, have low magnetic susceptibilities and aeromagnetic response, and have low ferric:ferrous ratios; and
- 9) coeval (± 2 million years) with their associated, causative pluton.

The abundance of RIRGS deposits correlates inversely with the surface exposure of the related intrusion because stocks and batholiths with considerable erosion are generally less prospective (Lefebvre and Hart, 2005).

DISCUSSION AND CONCLUSIONS

New Dimension's 2011 exploration program focussed on determining the source of enriched arsenic, gold, antimony and bismuth values in GSC stream sediment samples collected from creeks draining the Lance property. It successfully identified very encouraging gold+arsenic+antimony±bismuth±tungsten anomalies from stream sediment, soil and rock geochemical sampling.

Several geochemical and geological features on the property are characteristic of the RIRGS deposit model. These features include a continental margin setting that underwent orogeny, proximity to granitoid intrusions, aplite dykes and auriferous vein mineralization. This model applies to a number of mines and advanced prospects in the Tombstone Gold Belt of Yukon and Alaska.

Additional exploration is needed on the Lance property to constrain the extent, nature and controls of the mineralization. This work should include: 1) closely-spaced contour soil sampling and/or grid sampling where the terrain is gentle enough; 2) systematic detailed mapping and prospecting to identify the presence or absence of lithological, structural and/or mineralogical features that are indicative of RIRGS deposits; 3) a low-level helicopter-borne magnetic, radiometric and electromagnetic geophysical survey to better delineate lithological contacts, alteration and structure on the property; and 4) diamond drilling to test the various targets identified by prospecting and soil geochemical surveys.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Sarah Eaton, B.Sc. Geology, GIT

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Yukon Geological Survey

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Yukon Geological Survey

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Available at: http://ygsftp.gov.yk.ca/publications/openfile/2002/of2002_8d_geoprocess_file/documents/map_specific/105m.pdf

APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Sarah Eaton, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Squamish, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2007 with a B.Sc. in Honours Geological Sciences.
2. From 2002 to present, I have been actively engaged in mineral exploration in Yukon Territory, British Columbia and Northwest Territories.
3. I am a Geoscientist in Training (GIT) with the Association of Professional Engineers and Geoscientists of British Columbia (Member Number 154922).
4. I have personally participated in the field work reported herein and have interpreted all data resulting from this work.

Sarah Eaton, B.Sc. (Hon.) Geology, GIT

Statement of Expenditures
Lance 1-108 Mineral Claims
October 11, 2011

Labour

D. Eaton (geologist) July to August 2011 – 6 hrs @ \$110/hr	\$ 739.20
S. Eaton (geologist) April to August 2011 – 5 days @ \$680/day	3,808.00
M. Kammerer (field assistant) April to August 2011 – 26 1/2 hrs @ \$69/hr	2,047.92
A. Mitchell (field assistant) April 2011 – 3 hrs @ \$62/hr	208.32
T. Bell (field assistant) July 2011 – 1 day @ \$344/day	385.28
S. Dosch (field assistant) June to July 2011 – 2 days @ \$344/day	770.56
K. Didlick (field assistant) June to July 2011 – 2 days @ \$344/day	770.56
S. McDonald (field assistant) July 2011 – 1 day @ \$344/day	385.28
P. Wittstock (field assistant) July 2011 – 1 day @ \$344/day	385.28
	<u>9,500.40</u>

Expenses (including management fee)

Field room and board – 16 1/2 mandays @ \$150/manday	2,993.76
Black Sheep Aviation	1,425.82
Fireweed Helicopters	2,143.26
Trans North	5,891.56
ALS Chemex	7,444.95
	<u>19,899.35</u>

Total \$29,399.35



APPENDIX II
ROCK SAMPLE DESCRIPTIONS

Rock Sample Descriptions			Project: <u>Lansing</u>	Property: <u>Lance</u>	NAD83 Zone 8	
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079159	UTM:	606099 E	UTM:	7035329 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: 1 cobble of greenish-brown weathering quartz vein with green-orange limonite (5%) and pervasive stain. Very fine grained arsenopyrite on some fracture faces. Most rocks in the area are schist>>quartz vein talus.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079160	UTM:	606031 E	UTM:	7035370 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: In prominent gully - dominantly schist blocks with about 5% quartz vein. Sample is of variably (minor to moderate) limonitic quartz vein. 8 piece composite across 4 m width of gully.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079161	UTM:	606031 E	UTM:	7035370 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: 7 piece composite sample across same gully as I079160, but of barren brown-grey weathering, siliceous (grains up to 3 mm) schist in talus.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079162	UTM:	606093 E	UTM:	7035332 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: 10 piece composite sample of variably rusty and limonitic quartz vein fragments in talus. Some have schist clasts. Across 8 m wide slightly rusty talus zone to north side of gully. Quartz vein comprises about 5% of talus.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079163	UTM:	606093 E	UTM:	7035332 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: 10 piece composite sample of fine to coarse grained siliceous schist. Same location as I079162. Weakly disseminated pyrite and limonite in schist.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079164	UTM:	605972 E	UTM:	7035231 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: 10 piece composite sample across about 10 m wide gully zone (does not continue across ridge). Fragments comprise variably rusty and limonitic, schist-bearing quartz vein which occurs intermittently in talus across ridge crest. Quartz vein comprises about 5% of talus.						

Rock Sample Descriptions			Project: <u>Lansing</u>	Property: <u>Lance</u>	NAD83 Zone 8	
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079165	UTM:	605847 E	UTM:	7035028 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: 5 piece composite sample of creamy white weathering aplite, from 2 m wide talus train of only aplite. Looks like silt. Trace pyrite.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079166	UTM:	605904 E	UTM:	7035119 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: 7 piece composite sample from weakly rusty patch (3 x 2 m) in sea of grass and grey schist. Aplite talus (weakly rusty, not sampled) with weakly to moderately rusty, variably quartz-veined, siliceous schist.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079167	UTM:	605849 E	UTM:	7034972 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: Brown weathering, quartz vein with semi-massive arsenopyrite and strong pervasive yellow-green stain. Taken from vein zone that trends 030 degrees (steep), can't tell width but probably about 15 cm wide. Area is rusty. Cuts grey weathering, siliciclastic unit that looks like protolith of schist that was seen further north.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079168	UTM:	605849 E	UTM:	7034972 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: 7 piece composite sample of low grade, more representative quartz vein along same structure as I079167. Trace to minor limonite and arsenopyrite in quartz.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079169	UTM:	606208 E	UTM:	7034762 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: Weakly sucrosic, brown weathering, yellow-green pervasively stained quartz vein with trace arsenopyrite, in float near strongly anomalous soil. Taken in corridor about 5 m wide in cliffy outcrop.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079170	UTM:	606208 E	UTM:	7034762 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: Grab sample from bedrock of yellowish-green stained, coarse siliciclastic rock with 1.5 cm wide barren quartz vein. Representative of host, not high grade.						

Rock Sample Descriptions			Project: <u>Lansing</u>	Property: <u>Lance</u>	NAD83 Zone 8	
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079171	UTM:	606208 E	UTM:	7034762 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: 3 cobbles of rusty-brown grey weathering quartz vein with schist (siltstone) clasts and weak to moderate arsenopyrite, locally green-grey stained.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079172	UTM:	605588 E	UTM:	7035848 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: 1 block of brown-grey weathering, white-grey-red-dark green, hornfelsed(?), fine grained sedimentary unit. Dark green patches surround residual trace pyrite, while red occurs pervasively and orange/white are due to a 1 cm wide quartz vein. Near soil sample anomalous for Au, W, Bi and As adjacent to intrusive talus.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079173	UTM:	605594 E	UTM:	7035815 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: Grey weathering, diopside-green, hornfelsed, siliceous (fine grained) rock. Minor sucrosic quartz. In subcrop. No visible sulphides, but rusty fracture faces.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079174	UTM:	605575 E	UTM:	7035747 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: Rusty brown weathering, pervasively rusty on and adjacent to fracture in white quartz vein. Poking through moss in vicinity of anomalous soils.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079026	UTM:	605357 E	UTM:	7035720 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: Quartz vein chips from a cluster of small kill zones with abundant rusty fine gougey soil. Corresponding soil sample: CC118002						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079027	UTM:	606076 E	UTM:	7035328 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: Rusty, grainy quartz vein cobbles with fine sulphide in laminations. Near source float found within large rusty kill zone (approx 25m width) on rounded alpine ridge (see also rock samples I079028-029). Rusty sandy gouge very abundant (Soil samples: CC118008-009).						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079028	UTM:	606076 E	UTM:	7035328 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: Friable, rusty weathering schist with trace fine pyrite from within gougey kill zone (described above in I079027). High abundance Fe altered country rock sampled from bedrock.						

Rock Sample Descriptions			Project: <u>Lansing</u>	Property: <u>Lance</u>	NAD83 Zone 8	
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079029	UTM:	606076 E	UTM:	7035328 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: Intensely rusty grainy grey quartz with trace cubic pyrite found within gougey kill zone (described in I079027). Lower abundance near source float.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079030	UTM:	606034 E	UTM:	7034708 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: Intensely rusty, altered schist and quartz vein boulders with trace fine sulphide. Found on talus slope below 15X15m gossanous bedrock zone within larger unaltered outcrop.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079031	UTM:	601789 E	UTM:	7033339 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: Intensely rusty schist with trace fine sulphide from within narrow rusty gouge zone near ridge top.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079032	UTM:	601789 E	UTM:	7033216 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: Intensely rusty schist boulder with trace fine pyrite. Abundance: about 10 poking out of thin alpine vegetation.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079033	UTM:	602256 E	UTM:	7033227 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: Intensely rusty schist boulder with trace fine pyrite. Found below long band of rusty bluffs bisected by white sill (5m width). Corresponding soil samples: CC118026-027						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079034	UTM:	602256 E	UTM:	7033227 N	Sample Width:	Abundance:
	Elevation:	m				
Comments: Rusty weathering, intensely silicified siltstone with fine sulphide in some laminations. Near source float found below rusty bluffs described in I079033.						
Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
I079035	UTM:	602336 E	UTM:	7033460 N	Sample Width:	Abundance:
	Elevation:	m				

Rock Sample DescriptionsProject: LansingProperty: LanceNAD83 Zone 8

Comments: Pervasively rusty, coarse quartz vein boulder, densely fractured. Found near fault zone and major lithological change between schist and quartzite. Two boulders.

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: 9- JUL- 2011
Account: F

CERTIFICATE WH11115584

Project: Lansing - Lance

P.O. No.:

This report is for 10 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN- 2011.

The following have access to data associated with this certificate:

DOUG EATON

SARAH EATON

JOAN MARIACHER

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
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
Au- TL44	Trace Level Au - 50 g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

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 - D)
 Plus Appendix Pages
 Finalized Date: 9- JUL- 2011
 Account: F

Project: Lansing - Lance

CERTIFICATE OF ANALYSIS WH11115584

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL44 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
I079026		0.34	0.013	0.04	0.49	194.0	<0.2	<10	50	0.53	0.36	0.03	0.10	26.8	4.2	9
I079027		0.94	0.051	0.07	0.63	1125	<0.2	<10	30	0.53	0.16	0.06	0.05	27.8	7.4	9
I079028		0.50	0.001	0.01	1.34	12.6	<0.2	<10	170	0.51	0.14	0.20	0.13	35.6	5.7	7
I079029		0.28	0.012	0.05	0.19	434	<0.2	<10	10	0.22	0.07	1.71	0.07	9.27	8.3	7
I079030		0.52	0.002	0.04	1.54	12.1	<0.2	<10	30	0.74	0.11	0.05	0.09	33.4	4.4	10
I079031		0.36	0.002	0.10	1.44	54.2	<0.2	<10	130	0.55	0.26	0.02	0.05	68.8	5.7	24
I079032		0.39	0.001	0.21	2.97	4.8	<0.2	<10	150	1.07	0.37	0.77	0.04	61.2	4.8	65
I079033		0.63	0.001	0.19	2.16	26.4	<0.2	<10	150	1.04	0.31	0.13	0.38	65.7	12.1	28
I079034		0.41	0.001	0.06	1.34	27.8	<0.2	<10	90	0.57	0.06	4.67	0.35	43.1	11.5	19
I079035		0.45	0.002	0.10	0.09	6.4	<0.2	<10	50	<0.05	0.02	0.02	0.01	1.93	0.3	9



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 VANCOUVER BC V6B 1L8**

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CERTIFICATE OF ANALYSIS WH11115584

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
I079026		1.23	37.8	2.22	1.68	0.09	0.08	0.01	0.031	0.20	12.3	7.5	0.07	187	4.85
I079027		0.66	11.4	2.71	1.19	0.09	0.09	0.01	0.011	0.13	13.3	5.2	0.13	554	0.15
I079028		1.00	12.2	3.75	2.00	0.10	0.12	0.01	0.014	0.22	18.1	10.4	0.41	444	0.14
I079029		0.43	9.4	2.89	0.55	0.08	0.04	0.01	0.023	0.08	4.1	1.9	0.13	1780	0.16
I079030		0.66	19.0	3.66	3.41	0.10	0.16	0.01	0.015	0.12	16.1	45.8	0.48	173	0.40
I079031		2.66	31.7	2.96	5.45	0.13	0.12	0.01	0.005	0.56	34.4	22.4	0.41	108	0.39
I079032		9.72	29.5	3.35	13.10	0.16	0.06	0.01	0.031	1.24	28.7	73.1	1.13	200	0.27
I079033		2.31	46.0	3.72	7.26	0.13	0.11	0.01	0.031	0.44	37.7	36.3	0.46	248	1.41
I079034		0.44	21.5	1.96	4.01	0.17	0.16	0.01	0.021	0.04	21.1	8.6	0.36	298	0.22
I079035		0.12	3.5	0.66	0.28	0.06	0.02	<0.01	<0.005	0.02	0.8	0.9	<0.01	41	0.22



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CERTIFICATE OF ANALYSIS WH11115584

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
I079026		0.12	10.3	130	6.2	17.9	<0.001	<0.01	6.25	2.1	0.2	1.2	3.9	<0.01	<0.01	5.1
I079027		<0.05	12.6	80	5.2	8.2	<0.001	0.18	3.83	1.4	<0.2	0.2	4.7	<0.01	<0.01	5.8
I079028		<0.05	15.1	90	1.5	13.4	<0.001	0.01	3.48	1.6	<0.2	0.3	12.1	<0.01	<0.01	9.9
I079029		0.08	13.2	60	2.3	7.4	<0.001	0.15	2.43	1.3	0.2	0.2	43.3	<0.01	<0.01	1.9
I079030		<0.05	17.4	100	9.2	5.7	<0.001	0.17	1.02	2.6	<0.2	<0.2	7.7	<0.01	<0.01	5.4
I079031		0.18	10.0	90	21.4	39.7	<0.001	0.02	0.50	2.4	0.3	0.4	6.5	<0.01	0.01	16.7
I079032		0.44	13.0	130	14.5	121.5	<0.001	0.56	0.08	12.1	0.2	1.5	42.6	<0.01	0.02	15.6
I079033		<0.05	35.4	290	15.1	27.7	<0.001	0.01	5.41	5.4	0.3	0.5	14.2	<0.01	0.05	14.8
I079034		0.76	24.2	910	10.1	3.1	<0.001	0.29	0.21	2.1	0.4	1.0	110.5	0.01	<0.01	10.2
I079035		0.08	1.0	150	1.6	1.0	<0.001	0.01	0.33	0.4	0.3	<0.2	8.0	<0.01	<0.01	0.3



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CERTIFICATE OF ANALYSIS WH11115584

	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
Sample Description	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
	0.005	0.02	0.05	1	0.05	0.05	2	0.5
I079026	<0.005	0.20	0.46	8	0.33	2.89	50	3.3
I079027	<0.005	0.06	0.44	2	0.07	2.57	38	2.8
I079028	<0.005	0.10	0.81	4	<0.05	3.76	50	4.0
I079029	<0.005	0.04	0.23	1	0.10	5.39	23	1.5
I079030	<0.005	0.04	2.40	8	<0.05	1.65	42	5.1
I079031	0.034	0.24	1.57	20	0.26	5.55	38	4.5
I079032	0.211	0.71	0.98	63	0.18	4.51	73	1.8
I079033	0.007	0.27	2.39	30	0.24	10.60	115	4.3
I079034	0.101	0.09	1.23	11	0.53	14.30	128	3.4
I079035	<0.005	0.02	0.14	5	0.12	0.29	2	0.8

***** See Appendix Page for comments regarding this certificate *****



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CERTIFICATE OF ANALYSIS WH11115584

Method	CERTIFICATE COMMENTS
ME- MS41	Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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CERTIFICATE WH11141045

Project: Lansing Project- Lance

P.O. No.:

This report is for 16 Rock samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL- 2011.

The following have access to data associated with this certificate:

DOUG EATON

SARAH EATON

JOAN MARIACHER

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
Au- TL44	Trace Level Au - 50 g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	
Au- OG44	Ore Grade Au - 50g AR	ICP- MS
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
As- OG46	Ore Grade As - Aqua Regia	VARIABLE

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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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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
I079159		0.35	>1.00	0.06	0.17	9970	1.1	<10	250	0.13	2.82	0.05	0.36	13.05	1.3	8
I079160		0.47	0.009	0.04	0.35	60.3	<0.2	<10	30	0.10	0.16	0.02	0.02	12.00	3.9	8
I079161		0.34	0.005	0.02	0.81	81.9	<0.2	<10	60	0.22	0.29	0.01	0.01	32.3	7.1	7
I079162		0.56	0.050	0.04	0.22	991	<0.2	<10	60	0.22	0.31	0.17	0.12	11.90	4.3	7
I079163		0.39	0.006	0.05	0.59	266	<0.2	<10	280	0.35	0.49	0.02	0.07	54.4	5.9	5
I079164		0.66	0.001	0.04	0.88	52.7	<0.2	<10	30	0.25	0.14	0.06	0.02	11.25	5.2	8
I079165		0.33	0.011	0.32	0.27	467	<0.2	<10	30	0.53	1.37	0.04	0.10	13.90	0.3	3
I079166		0.50	0.010	0.09	0.23	405	<0.2	<10	40	0.34	0.18	0.68	0.35	22.0	2.4	6
I079167		1.00	>1.00	35.0	0.12	>10000	1.8	<10	30	<0.05	107.5	0.01	1.30	1.19	3.1	1
I079168		0.54	0.011	0.15	0.49	1420	<0.2	<10	30	0.24	0.72	0.08	0.24	9.85	6.4	6
I079169		0.83	>1.00	0.06	0.13	>10000	1.5	<10	20	0.07	0.47	<0.01	0.01	5.11	2.1	3
I079170		0.71	0.062	0.12	0.22	539	<0.2	<10	40	0.12	0.14	0.09	0.02	16.30	3.4	7
I079171		1.07	>1.00	0.09	0.19	8920	1.3	<10	20	0.14	0.20	0.27	0.12	6.97	4.4	10
I079172		0.50	0.011	0.03	0.46	98.1	<0.2	<10	60	0.59	0.36	0.09	0.10	40.5	15.5	8
I079173		0.48	0.005	0.01	0.80	31.6	<0.2	<10	40	1.35	0.09	1.13	0.04	15.65	3.1	11
I079174		0.43	0.009	0.16	0.21	520	<0.2	<10	30	0.59	0.90	0.02	0.16	23.1	1.8	5



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CERTIFICATE OF ANALYSIS WH11141045

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
I079159		0.69	2.4	1.35	0.46	<0.05	0.05	0.01	0.014	0.08	6.6	0.8	0.02	57	1.68	<0.01
I079160		0.44	11.9	2.31	0.85	0.06	0.08	0.01	0.014	0.07	5.8	4.4	0.09	526	0.23	0.02
I079161		0.62	17.0	2.48	1.69	0.08	0.13	0.01	0.010	0.12	15.6	13.0	0.22	216	0.21	0.02
I079162		0.34	11.5	2.01	0.47	0.05	0.06	0.01	0.015	0.07	5.8	1.2	0.04	601	0.20	0.01
I079163		0.55	16.1	2.39	1.19	0.10	0.18	0.01	0.010	0.13	27.7	4.6	0.12	395	0.25	0.02
I079164		0.25	24.4	3.17	2.39	0.07	0.06	0.01	0.016	0.06	5.4	33.6	0.33	491	0.16	0.02
I079165		0.82	2.6	0.37	0.89	<0.05	0.58	0.01	0.011	0.22	6.9	2.2	0.01	136	0.09	0.04
I079166		0.46	11.9	1.98	0.65	0.06	0.09	0.01	0.008	0.08	11.1	1.3	0.04	273	0.18	0.01
I079167		0.64	14.3	19.30	0.40	0.36	0.05	0.08	0.400	0.04	0.7	1.6	0.01	6	0.39	0.01
I079168		0.45	18.3	2.06	0.86	<0.05	0.06	<0.01	0.011	0.06	4.8	5.4	0.13	383	0.66	<0.01
I079169		0.29	12.6	2.84	0.34	0.05	0.04	<0.01	0.044	0.09	2.7	0.3	0.01	43	0.15	0.02
I079170		0.33	16.9	0.73	0.51	<0.05	0.06	<0.01	<0.005	0.10	7.8	1.1	0.02	259	0.36	0.01
I079171		0.38	9.8	2.07	0.41	<0.05	0.08	<0.01	0.021	0.07	3.6	1.8	0.09	407	1.87	0.02
I079172		0.65	28.6	4.70	1.26	0.11	0.19	0.01	0.010	0.20	22.5	6.5	0.12	216	3.64	0.02
I079173		1.68	1.3	1.46	2.85	0.10	0.09	0.01	0.034	0.13	8.0	8.3	0.25	414	4.49	0.07
I079174		0.63	13.4	1.84	0.79	0.06	0.04	0.01	0.060	0.13	11.5	2.4	0.02	104	2.39	0.01



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CERTIFICATE OF ANALYSIS WH11141045

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
I079159		0.06	2.2	50	5.0	6.4	<0.001	0.32	10.65	0.8	<0.2	0.3	27.3	<0.01	0.03	3.8
I079160		0.08	7.5	90	2.3	5.6	<0.001	0.04	1.05	1.6	0.2	<0.2	3.8	<0.01	0.01	3.1
I079161		0.06	14.7	90	1.8	8.8	<0.001	0.01	2.64	1.2	0.2	0.2	3.2	<0.01	0.01	6.2
I079162		0.06	9.3	120	1.6	4.7	<0.001	0.04	2.96	1.8	0.2	<0.2	15.9	<0.01	0.01	3.4
I079163		0.05	11.9	130	3.5	8.0	<0.001	0.04	3.58	1.3	0.2	0.2	7.8	<0.01	0.01	9.9
I079164		0.06	18.8	300	7.8	3.4	<0.001	0.01	2.14	2.1	0.3	0.2	10.3	<0.01	0.01	2.1
I079165		0.40	0.8	90	33.4	23.2	<0.001	0.01	1.99	0.5	0.2	0.6	3.6	<0.01	<0.01	6.8
I079166		0.06	7.8	100	46.0	4.9	<0.001	<0.01	16.25	1.0	0.2	<0.2	20.4	<0.01	<0.01	4.7
I079167		0.44	0.9	20	4810	2.2	<0.001	6.59	386	0.6	2.0	0.5	30.2	<0.01	0.20	0.8
I079168		<0.05	12.0	70	17.2	3.6	<0.001	0.05	2.89	1.2	<0.2	0.2	7.0	<0.01	<0.01	3.4
I079169		0.06	3.0	10	37.5	5.8	<0.001	1.03	34.7	0.8	0.2	0.6	3.3	<0.01	0.05	2.9
I079170		<0.05	5.1	80	8.0	4.9	<0.001	0.10	3.60	0.9	<0.2	<0.2	7.6	<0.01	<0.01	5.9
I079171		0.05	9.7	160	21.3	4.5	<0.001	0.48	8.04	1.0	0.3	<0.2	46.4	<0.01	0.03	2.2
I079172		0.13	45.3	560	6.6	14.9	<0.001	0.09	0.52	1.6	0.4	<0.2	7.4	<0.01	0.05	15.9
I079173		0.42	9.6	70	2.1	20.0	<0.001	<0.01	0.24	1.7	0.2	1.8	58.5	<0.01	0.01	4.1
I079174		0.08	3.9	100	25.4	12.0	<0.001	0.01	14.15	1.3	0.2	0.8	1.9	<0.01	0.01	5.7



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm	Au- OG44 Au ppm	As- OG46 As %
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01
I079159		<0.005	0.08	0.37	1	0.13	1.62	4	1.9	0.97	
I079160		<0.005	0.04	0.53	3	0.15	2.02	32	3.0		
I079161		<0.005	0.06	0.55	3	0.06	2.00	35	4.9		
I079162		<0.005	0.04	0.87	1	0.08	3.18	15	2.5		
I079163		<0.005	0.06	0.59	2	0.06	2.97	23	6.4		
I079164		<0.005	0.02	0.70	5	<0.05	3.28	40	2.3		
I079165		<0.005	0.10	2.03	<1	0.10	3.66	20	9.7		
I079166		<0.005	0.03	1.05	1	0.06	2.67	99	3.3		
I079167		<0.005	0.13	0.71	2	0.05	0.36	84	1.6	1.46	25.2
I079168		<0.005	0.03	0.52	2	0.05	1.54	62	2.3		
I079169		<0.005	0.03	0.21	1	0.08	0.34	2	1.3	1.61	3.41
I079170		<0.005	0.03	0.31	1	0.06	1.34	8	2.4		
I079171		<0.005	0.03	0.37	1	0.06	2.28	26	2.5	1.35	
I079172		<0.005	0.10	1.50	5	0.13	4.35	114	7.8		
I079173		0.021	0.13	0.34	7	0.26	4.34	42	2.4		
I079174		<0.005	0.08	0.35	4	0.26	3.00	110	1.3		



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To: ARCHER, CATHRO AND ASSOCIATES (1981)
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1016- 510 W HASTINGS ST
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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 22- AUG- 2011
Account: F

Project: Lansing Project- Lance

CERTIFICATE OF ANALYSIS WH11141045

Method	CERTIFICATE COMMENTS
ME- MS41	Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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To: **ARCHER, CATHRO AND ASSOCIATES (1981)
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Page: 1
Finalized Date: 20- JUL- 2011
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CERTIFICATE WH11114399

Project: Lansing - Lance

P.O. No.:

This report is for 144 Soil samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN- 2011.

The following have access to data associated with this certificate:

DOUG EATON

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL43	Trace Level Au - 25g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	
Au- OG43	Ore Grade Au - 25g AR	ICP- MS

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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Project: Lansing - Lance

CERTIFICATE OF ANALYSIS WH11114399

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
CC117989		0.18	0.002	0.10	1.76	184.5	<0.2	<10	210	0.90	0.58	0.13	0.14	39.4	11.6	27
CC117990		0.20	0.001	0.20	1.25	213	<0.2	<10	160	0.73	0.61	0.22	0.49	38.8	11.2	19
CC117991		0.28	0.006	0.15	0.93	257	<0.2	<10	90	0.54	0.76	0.19	0.77	58.5	11.6	15
CC117992		0.32	0.007	0.18	0.97	291	<0.2	<10	130	0.53	0.96	0.22	0.49	50.9	11.7	17
CC117993		0.34	0.016	0.29	0.77	769	<0.2	<10	100	0.57	1.61	0.14	1.06	72.7	14.4	13
CC117994		0.26	0.002	0.10	1.20	631	<0.2	<10	190	0.44	1.62	0.16	0.99	55.7	13.5	20
CC117995		0.32	0.004	0.34	0.72	330	<0.2	<10	90	0.55	0.93	0.23	0.91	55.3	14.5	11
CC117996		0.28	0.004	0.15	1.32	371	<0.2	<10	110	0.62	1.71	0.12	0.51	52.3	12.3	19
CC117997		0.28	0.003	0.33	1.49	775	<0.2	<10	150	0.77	1.89	0.32	0.51	46.5	12.7	24
CC117998		0.34	0.006	0.17	1.04	638	<0.2	<10	80	0.71	1.58	0.11	0.32	65.6	12.2	14
CC117999		0.20	0.021	0.44	1.76	408	<0.2	<10	140	1.07	5.01	0.92	0.41	35.1	11.8	25
CC118000		0.26	0.004	0.08	0.92	339	<0.2	<10	50	0.26	1.36	0.02	0.17	26.7	3.7	18
CC118001		0.30	0.013	0.11	1.07	643	<0.2	<10	110	1.04	5.00	0.09	0.20	37.4	11.2	20
CC118002		0.32	0.003	0.07	1.37	174.5	<0.2	<10	90	1.18	1.29	0.08	0.15	47.7	23.3	19
CC118003		0.32	0.019	0.54	2.06	854	<0.2	<10	140	1.02	5.57	0.70	0.33	38.0	13.3	29
CC118004		0.32	0.003	0.09	0.92	105.0	<0.2	<10	70	0.43	0.70	0.24	0.31	31.4	8.6	13
CC118005		0.36	0.019	0.16	1.01	275	<0.2	<10	120	0.57	0.79	0.19	0.39	71.9	13.2	15
CC118006		0.24	0.031	0.11	1.24	342	<0.2	<10	180	0.65	0.83	0.26	0.27	51.6	10.9	17
CC118007		0.24	0.013	0.13	1.23	421	<0.2	<10	140	0.51	1.94	0.18	0.21	58.2	12.7	17
CC118008		0.32	>1.00	0.74	1.03	>10000	2.7	<10	160	0.76	2.57	0.04	1.85	56.7	17.0	10
CC118009		0.30	>1.00	0.86	0.87	>10000	8.3	<10	600	1.24	15.40	0.35	1.78	65.2	32.4	6
CC118010		0.14	0.126	0.09	1.06	369	<0.2	<10	90	0.38	0.79	0.04	0.20	46.4	9.1	14
CC118011		0.22	0.037	0.28	1.89	203	<0.2	<10	50	1.02	0.75	0.16	0.11	61.4	45.2	25
CC118012		0.18	0.261	1.76	1.13	>10000	0.3	<10	160	0.72	16.85	0.10	1.06	57.0	32.1	12
CC118013		0.30	0.012	0.16	1.31	160.5	<0.2	<10	70	0.59	1.39	0.24	0.19	41.3	11.3	15
CC118014		0.24	0.005	0.05	1.59	103.0	<0.2	<10	30	0.28	0.75	0.03	0.10	89.8	6.7	19
CC118015		0.30	0.003	0.13	1.45	36.2	<0.2	<10	50	0.66	0.48	0.15	0.07	105.0	15.8	16
CC118016		0.36	0.006	0.22	1.68	123.0	<0.2	<10	50	1.09	0.84	0.09	0.12	102.5	42.6	17
CC118017		0.30	0.004	0.17	1.38	85.1	<0.2	<10	100	0.63	0.35	0.19	0.65	44.9	15.5	20
CC118018		0.26	0.004	0.34	1.75	61.8	<0.2	<10	80	1.34	0.87	0.09	0.20	98.0	46.2	19
CC118019		0.32	0.337	0.47	1.07	3390	0.3	<10	80	0.62	0.48	0.25	0.25	36.5	19.9	3
CC118020		0.38	0.025	0.56	0.63	1070	<0.2	<10	80	0.64	2.16	0.15	0.89	40.0	32.3	7
CC118021		0.24	0.004	0.51	1.67	1770	<0.2	<10	150	1.51	2.42	0.04	0.63	87.4	71.7	17
CC118022		0.26	0.004	0.11	2.02	117.5	<0.2	<10	270	1.19	0.21	0.13	0.20	61.8	20.1	32
CC118023		0.26	0.004	0.09	2.31	110.5	<0.2	<10	400	1.42	0.27	0.38	0.40	71.8	21.7	38
CC118024		0.30	0.004	0.28	2.35	97.2	<0.2	<10	90	0.81	0.46	5.83	0.51	28.9	15.5	19
CC118025		0.18	0.006	0.26	2.03	95.7	<0.2	<10	120	0.88	0.33	0.73	0.34	32.1	15.7	16
CC118026		0.26	0.004	0.27	2.00	104.0	<0.2	<10	160	0.97	0.21	0.21	0.15	49.8	24.1	37
CC118027		0.28	0.021	0.85	2.09	376	<0.2	<10	220	1.59	0.24	0.72	0.88	60.5	45.4	22
CC118028		0.28	0.014	1.12	1.72	187.5	<0.2	<10	180	1.17	0.31	0.44	0.55	46.3	29.0	22



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Project: Lansing - Lance

CERTIFICATE OF ANALYSIS WH11114399

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
CC117989		2.94	31.1	3.41	6.35	0.06	0.03	0.04	0.041	0.07	22.5	37.4	0.43	476	1.62
CC117990		3.04	27.1	3.53	4.26	0.06	0.05	0.02	0.036	0.07	21.2	21.6	0.30	506	1.29
CC117991		1.06	29.1	3.20	2.89	0.09	0.06	0.03	0.028	0.05	30.9	19.8	0.31	496	0.95
CC117992		1.49	32.5	2.81	3.09	0.07	0.09	0.03	0.030	0.05	26.7	18.8	0.33	506	1.20
CC117993		1.49	31.5	3.42	2.54	0.08	0.06	0.03	0.048	0.05	38.0	14.0	0.23	950	0.95
CC117994		3.02	27.1	3.82	4.69	0.08	0.03	0.01	0.040	0.07	29.1	22.6	0.32	550	1.01
CC117995		1.00	36.7	3.69	2.30	0.10	0.15	0.04	0.040	0.05	32.1	12.9	0.23	872	0.86
CC117996		1.51	27.4	3.12	3.81	0.06	0.08	0.03	0.030	0.06	24.7	23.1	0.35	507	1.26
CC117997		2.82	31.7	3.52	4.88	0.06	0.06	0.04	0.043	0.08	24.2	25.9	0.37	676	1.25
CC117998		1.74	33.4	2.93	3.25	0.07	0.07	0.02	0.024	0.06	36.7	22.4	0.31	461	0.91
CC117999		2.56	45.2	3.55	4.95	0.06	0.06	0.08	0.047	0.07	18.7	21.7	0.42	825	1.51
CC118000		1.50	30.9	2.52	4.45	<0.05	0.02	0.05	0.031	0.05	12.5	7.8	0.14	225	2.00
CC118001		4.12	39.5	2.91	3.75	0.06	0.03	0.04	0.041	0.14	17.3	16.9	0.27	759	3.70
CC118002		5.23	47.7	4.06	3.80	0.06	0.06	0.01	0.027	0.08	21.0	20.6	0.44	879	4.03
CC118003		4.33	45.7	3.98	6.22	0.07	0.08	0.02	0.040	0.11	21.2	31.4	0.65	717	0.67
CC118004		1.07	17.1	2.77	2.78	<0.05	0.10	0.01	0.024	0.04	16.0	17.8	0.25	397	0.76
CC118005		1.06	29.2	2.91	3.13	0.08	0.12	0.02	0.019	0.05	38.8	19.9	0.32	616	0.97
CC118006		1.43	21.1	3.05	3.59	0.06	0.08	0.03	0.029	0.06	27.1	21.3	0.31	813	0.98
CC118007		2.04	22.6	3.33	3.83	0.05	0.04	0.03	0.028	0.07	31.4	21.9	0.31	686	1.16
CC118008		6.16	21.6	6.29	2.76	0.06	0.05	0.04	0.045	0.07	29.6	7.8	0.13	1180	0.99
CC118009		4.08	49.2	9.39	1.42	0.09	0.11	0.25	0.035	0.13	33.6	5.8	0.17	694	0.87
CC118010		1.96	20.2	3.37	4.82	0.07	0.02	0.03	0.020	0.06	23.7	12.9	0.15	635	1.58
CC118011		4.69	52.6	4.68	5.08	0.11	0.09	0.03	0.029	0.07	30.7	63.9	0.67	870	0.42
CC118012		4.19	71.0	6.42	2.70	0.07	0.06	0.03	0.043	0.06	31.3	20.5	0.27	884	0.60
CC118013		1.50	31.1	3.00	3.67	0.12	0.10	0.03	0.022	0.05	19.6	27.8	0.39	532	0.64
CC118014		2.02	24.4	4.46	5.10	0.15	0.06	0.04	0.019	0.03	47.8	35.3	0.42	290	0.72
CC118015		2.38	43.6	3.86	4.11	0.15	0.05	0.03	0.025	0.04	51.2	38.4	0.44	593	0.58
CC118016		2.93	92.6	6.02	4.69	0.18	0.12	0.03	0.032	0.05	50.4	49.6	0.57	1300	1.39
CC118017		1.21	36.4	3.52	3.70	0.12	0.07	0.06	0.030	0.06	21.3	22.3	0.39	646	2.68
CC118018		5.98	87.5	5.87	4.55	0.16	0.04	0.07	0.033	0.06	51.3	43.7	0.49	2650	1.41
CC118019		1.49	46.1	5.02	1.32	0.11	0.05	0.03	0.024	0.04	17.8	11.0	0.29	1740	0.69
CC118020		3.60	58.0	4.53	1.62	0.12	0.03	0.02	0.061	0.05	19.3	10.3	0.18	1140	1.17
CC118021		6.26	106.0	5.04	4.89	0.15	0.04	0.07	0.054	0.05	42.5	50.8	0.48	2500	1.22
CC118022		3.79	37.1	3.98	7.79	0.12	<0.02	0.02	0.046	0.19	29.0	33.6	0.51	1600	1.36
CC118023		5.05	57.6	4.30	9.24	0.19	0.02	0.05	0.079	0.38	35.5	41.6	1.15	1950	0.73
CC118024		2.34	34.5	4.15	6.74	0.13	0.03	0.01	0.018	0.11	16.1	18.3	0.33	745	0.37
CC118025		2.02	26.4	3.41	5.31	0.12	0.02	0.03	0.014	0.10	16.9	18.3	0.30	1340	0.40
CC118026		3.81	48.7	4.34	7.63	0.12	<0.02	0.02	0.033	0.24	23.4	38.7	0.58	1560	1.04
CC118027		2.98	60.2	5.66	4.68	0.14	0.08	0.05	0.040	0.16	28.6	23.8	0.41	2240	1.48
CC118028		3.18	76.1	5.71	5.17	0.12	0.07	0.04	0.055	0.24	24.4	20.8	0.30	902	1.66



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CERTIFICATE OF ANALYSIS WH11114399

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		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
CC117989		0.47	28.9	850	33.1	12.5	0.001	0.05	2.41	1.7	1.2	0.6	19.7	<0.01	0.06
CC117990		0.35	27.8	1040	31.6	8.9	<0.001	0.07	4.54	1.4	0.6	0.4	30.0	<0.01	0.05
CC117991		0.38	32.0	710	41.3	4.5	<0.001	0.02	6.85	2.2	0.4	0.3	21.3	<0.01	0.03
CC117992		0.46	34.0	830	34.9	5.6	<0.001	0.01	7.20	2.9	0.8	0.4	21.2	<0.01	0.05
CC117993		0.32	29.4	640	124.5	5.2	<0.001	0.01	7.84	2.5	0.4	0.4	15.0	<0.01	0.03
CC117994		0.67	28.0	660	57.5	11.2	<0.001	0.04	7.53	1.6	0.5	0.6	19.4	<0.01	0.06
CC117995		0.33	31.3	650	51.7	4.6	<0.001	0.01	6.56	4.2	0.6	0.3	19.7	<0.01	0.05
CC117996		0.61	30.8	610	33.3	8.2	0.001	0.02	5.66	2.4	0.4	0.4	13.1	<0.01	0.06
CC117997		0.43	29.2	990	72.6	13.1	<0.001	0.06	6.94	2.1	0.5	0.7	27.4	<0.01	0.07
CC117998		0.35	29.6	240	28.1	8.8	<0.001	0.02	9.86	2.2	0.4	0.5	11.0	<0.01	0.04
CC117999		0.45	28.5	1000	43.8	11.8	0.001	0.08	6.92	2.8	1.1	0.9	66.0	<0.01	0.09
CC118000		0.39	10.7	450	18.0	12.2	0.001	0.04	8.67	1.0	0.7	2.3	4.0	<0.01	0.04
CC118001		0.44	24.1	460	19.5	19.1	<0.001	0.03	11.75	2.0	0.4	2.7	8.2	<0.01	0.11
CC118002		0.15	47.3	210	14.9	10.2	<0.001	0.02	6.07	2.6	0.9	1.7	7.1	<0.01	0.03
CC118003		0.78	33.8	630	43.6	19.7	<0.001	0.04	13.15	4.1	0.9	0.9	49.6	<0.01	0.03
CC118004		0.23	21.0	800	19.7	6.1	<0.001	0.04	3.04	1.6	0.4	0.3	16.5	<0.01	0.01
CC118005		0.40	31.6	720	23.3	4.5	<0.001	0.01	4.27	2.5	0.6	0.3	18.0	<0.01	0.03
CC118006		0.34	26.7	620	21.9	8.3	<0.001	0.03	4.00	2.3	0.2	0.4	21.4	<0.01	0.03
CC118007		0.32	25.8	570	24.0	8.4	<0.001	0.02	4.44	1.5	0.4	0.4	16.0	<0.01	0.03
CC118008		0.23	18.1	920	13.9	9.4	<0.001	0.04	12.10	2.6	0.4	0.4	11.1	<0.01	0.07
CC118009		0.07	42.6	360	24.4	8.9	<0.001	0.02	33.6	5.1	1.0	0.3	793	<0.01	0.27
CC118010		0.79	12.6	420	14.6	11.3	<0.001	0.02	2.73	1.7	0.4	0.5	7.9	<0.01	0.04
CC118011		0.15	47.7	530	32.7	7.8	<0.001	0.02	6.91	2.6	0.5	0.2	13.2	<0.01	0.04
CC118012		0.07	35.6	480	297	4.9	0.001	0.08	19.95	3.4	0.7	0.8	52.0	<0.01	0.14
CC118013		0.13	29.2	570	25.7	5.0	<0.001	0.05	3.35	1.7	0.8	0.3	16.6	0.01	0.02
CC118014		0.25	23.2	430	15.7	5.6	<0.001	0.03	2.49	1.1	0.6	0.3	5.5	<0.01	0.05
CC118015		0.14	31.9	520	30.9	4.1	<0.001	0.03	1.25	1.8	0.7	0.3	19.2	<0.01	0.08
CC118016		<0.05	51.9	610	73.3	3.0	<0.001	0.06	5.23	2.8	1.1	0.3	23.1	<0.01	0.11
CC118017		0.46	37.3	1100	21.6	7.6	<0.001	0.02	2.71	2.9	1.5	0.3	20.3	<0.01	0.04
CC118018		0.05	46.9	920	79.9	5.3	<0.001	0.05	2.45	2.5	1.0	0.2	19.9	<0.01	0.14
CC118019		<0.05	29.0	530	81.7	3.4	<0.001	0.05	5.87	2.1	0.9	0.2	28.9	<0.01	0.03
CC118020		<0.05	47.3	840	179.5	3.4	0.001	0.06	18.65	2.6	0.7	0.3	37.0	<0.01	0.06
CC118021		0.09	49.2	710	180.0	5.6	<0.001	0.04	16.65	2.7	1.3	0.5	12.1	<0.01	0.12
CC118022		0.82	55.3	530	24.7	32.2	<0.001	0.05	1.99	5.3	1.3	1.1	20.7	<0.01	0.01
CC118023		1.52	48.1	650	19.9	58.3	<0.001	0.05	2.17	8.2	1.2	1.4	34.5	0.01	0.05
CC118024		0.73	40.8	710	30.5	15.6	<0.001	0.30	0.27	2.9	1.1	0.3	270	0.01	0.01
CC118025		0.82	44.0	510	27.0	15.5	<0.001	0.14	0.40	2.5	0.9	0.3	94.7	0.01	0.04
CC118026		0.64	44.3	520	41.8	30.3	<0.001	0.06	5.21	4.7	0.7	0.7	18.4	<0.01	0.02
CC118027		0.60	82.2	740	47.8	20.9	<0.001	0.07	4.17	5.6	2.0	0.6	81.0	0.01	0.04
CC118028		0.51	44.5	680	49.5	28.3	<0.001	0.22	10.80	5.7	0.9	0.6	99.6	<0.01	0.03



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm	Au- OG43 Au ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
CC117989		0.022	0.15	2.33	47	0.28	10.45	119	<0.5	
CC117990		0.014	0.08	1.50	26	0.32	5.87	121	0.8	
CC117991		0.019	0.05	1.29	20	0.54	6.83	113	1.4	
CC117992		0.031	0.07	1.40	26	1.06	9.51	99	4.5	
CC117993		0.017	0.06	1.67	18	0.67	8.60	152	2.0	
CC117994		0.023	0.08	1.13	33	0.30	7.57	143	0.5	
CC117995		0.019	0.06	1.53	17	1.63	16.55	120	8.3	
CC117996		0.022	0.11	1.35	30	0.52	5.98	103	1.9	
CC117997		0.018	0.14	3.11	34	0.32	10.90	109	1.3	
CC117998		0.015	0.07	2.42	18	2.68	8.01	74	1.8	
CC117999		0.020	0.14	3.83	33	1.03	16.70	106	1.2	
CC118000		0.016	0.18	0.94	32	0.81	2.79	53	<0.5	
CC118001		0.022	0.30	0.90	28	2.86	5.09	82	<0.5	
CC118002		0.006	0.22	0.96	16	0.18	6.72	98	1.9	
CC118003		0.049	0.23	1.95	36	1.06	16.40	101	2.6	
CC118004		0.011	0.05	1.04	18	0.14	7.40	98	2.7	
CC118005		0.024	0.06	1.43	22	0.39	7.89	78	5.8	
CC118006		0.011	0.09	1.43	24	1.39	6.56	76	2.0	
CC118007		0.012	0.10	1.38	25	0.17	4.67	85	0.6	
CC118008		0.005	0.13	1.48	15	0.12	7.13	48	0.9	2.50
CC118009		<0.005	0.20	6.50	7	0.08	19.60	72	6.0	8.32
CC118010		0.015	0.12	0.78	38	0.17	3.14	54	0.5	
CC118011		<0.005	0.06	1.48	16	0.05	11.40	107	3.6	
CC118012		<0.005	0.07	4.06	10	0.15	8.48	101	2.2	
CC118013		0.005	<0.02	0.89	14	0.10	7.55	68	2.6	
CC118014		0.009	<0.02	0.81	20	0.09	3.53	66	1.9	
CC118015		<0.005	<0.02	1.57	10	<0.05	6.07	78	2.0	
CC118016		<0.005	0.03	2.74	10	<0.05	8.03	136	7.1	
CC118017		0.019	0.08	1.07	36	0.21	7.41	129	2.3	
CC118018		<0.005	0.05	3.81	13	<0.05	10.60	104	1.6	
CC118019		<0.005	<0.02	3.22	4	<0.05	7.50	64	1.6	
CC118020		<0.005	<0.02	2.72	6	0.06	7.69	152	2.8	
CC118021		0.005	0.03	4.54	14	0.07	11.85	182	1.6	
CC118022		0.043	0.27	2.54	43	2.97	13.30	119	<0.5	
CC118023		0.086	0.40	2.01	43	60.5	14.60	135	0.6	
CC118024		0.042	0.21	0.87	21	0.31	15.35	134	0.7	
CC118025		0.044	0.17	1.16	18	0.18	12.75	90	0.7	
CC118026		0.038	0.32	2.53	37	1.37	9.01	110	<0.5	
CC118027		0.020	0.46	3.76	27	2.61	34.8	307	2.1	
CC118028		0.019	0.93	4.34	26	5.20	15.75	202	2.1	



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
CC118029		0.24	0.007	0.89	1.93	168.5	<0.2	<10	100	0.93	0.43	0.05	0.37	40.3	34.8	25
CC118030		0.28	0.009	0.43	0.82	80.3	<0.2	<10	90	0.54	0.38	0.03	0.37	60.0	8.1	13
CC118031		0.16	0.009	0.28	0.67	65.5	<0.2	<10	50	0.71	0.60	0.41	0.11	38.9	21.6	7
CC118032		0.28	0.010	0.15	1.28	156.5	<0.2	<10	50	0.66	0.64	0.18	0.15	56.7	29.6	13
CC118033		0.26	0.004	0.19	1.31	42.6	<0.2	<10	50	0.77	0.55	0.17	0.08	44.4	33.5	11
CC118034		0.18	0.003	0.11	1.39	48.9	<0.2	<10	70	0.67	0.47	0.30	0.07	60.7	14.5	16
CC118035		0.22	0.010	0.18	1.70	98.6	<0.2	<10	50	0.67	0.57	0.11	0.08	63.8	22.8	18
CC118036		0.20	0.002	0.05	1.00	102.5	<0.2	<10	80	0.48	0.37	0.06	0.12	34.7	11.6	14
CC118037		0.16	0.005	0.15	0.77	228	<0.2	<10	80	0.48	0.61	0.20	0.25	26.3	13.5	9
CC118038		0.18	0.003	0.10	0.96	248	<0.2	<10	90	0.53	0.46	0.11	0.14	22.0	14.4	13
CC118039		0.16	0.006	0.14	1.73	170.0	<0.2	<10	40	0.61	0.48	0.11	0.09	44.0	20.2	20
CC118040		0.26	0.002	0.14	1.50	39.8	<0.2	<10	60	0.50	0.44	0.10	0.13	68.1	27.4	18
CC118041		0.22	0.001	0.13	1.54	119.0	<0.2	<10	60	0.48	0.38	0.03	0.17	34.8	13.9	20
CC118042		0.18	0.001	0.13	1.42	29.3	<0.2	<10	80	0.53	0.34	0.04	0.16	22.9	9.3	20
CC118043		0.24	0.001	0.15	0.82	45.5	<0.2	<10	90	0.49	0.44	0.04	0.16	19.25	21.0	11
CC118044		0.18	0.002	0.15	0.73	123.0	<0.2	<10	50	0.27	0.31	0.03	0.16	34.3	9.8	14
CC118045		0.20	0.001	0.08	0.94	21.6	<0.2	<10	60	0.39	0.32	0.09	0.18	33.2	10.1	14
CC118046		0.22	0.002	0.11	1.42	39.8	<0.2	<10	100	0.46	0.32	0.06	0.25	29.0	9.3	21
CC118140		0.20	0.013	0.56	0.91	973	<0.2	<10	110	0.35	2.22	0.14	0.55	32.9	7.2	16
CC118141		0.30	0.034	0.83	1.17	1390	<0.2	<10	130	0.49	0.85	0.12	0.68	37.0	8.8	19
CC118142		0.30	0.017	0.61	1.63	678	<0.2	<10	180	0.74	0.73	0.08	0.56	34.0	12.0	24
CC118143		0.10	0.020	1.46	1.40	397	<0.2	<10	220	0.50	0.95	0.10	0.34	28.7	9.0	19
CC118144		0.20	0.001	0.09	1.07	172.0	<0.2	<10	60	0.31	0.48	0.06	0.39	28.6	7.5	18
CC118145		0.18	0.011	0.61	1.32	408	<0.2	<10	180	0.51	0.79	0.07	0.47	44.3	11.0	18
CC118146		0.16	0.008	0.12	0.98	232	<0.2	<10	90	0.43	0.55	0.04	0.36	39.2	7.3	15
CC118147		0.16	0.023	1.37	1.92	686	<0.2	<10	120	0.77	0.64	0.07	0.81	31.0	11.2	27
CC118148		0.48	0.005	0.26	1.09	256	<0.2	<10	100	0.60	0.65	0.26	0.78	57.9	13.3	16
CC118149		0.38	0.009	0.30	0.99	263	<0.2	<10	100	0.63	1.22	0.30	0.92	60.9	15.0	14
CC118150		0.34	0.014	0.29	1.02	344	<0.2	<10	110	0.62	0.73	0.24	0.66	57.7	13.0	14
CC118151		0.20	0.003	0.17	1.39	614	<0.2	<10	150	0.76	0.99	0.82	2.38	28.6	12.9	24
CC118152		0.40	0.015	0.51	1.39	1650	<0.2	<10	170	0.81	1.35	0.50	2.42	36.3	12.3	26
CC118153		0.24	0.007	0.41	1.64	1000	<0.2	<10	210	0.89	0.96	0.85	0.62	38.2	13.7	27
CC118154		0.20	0.013	0.60	0.98	496	<0.2	<10	170	0.58	0.77	2.40	1.64	12.25	6.1	12
CC118155		0.20	0.036	1.45	1.33	2330	<0.2	<10	200	1.11	11.30	0.99	2.06	26.9	9.9	17
CC118156		0.22	0.001	0.04	1.04	96.4	<0.2	<10	70	0.28	0.67	0.09	0.16	27.9	4.0	19
CC118157		0.44	0.002	0.08	1.64	517	<0.2	<10	70	0.68	0.47	0.06	0.16	26.9	5.8	25
CC118158		0.30	0.006	0.26	2.04	526	<0.2	<10	180	1.29	1.46	0.28	0.84	28.1	20.3	36
CC118159		0.20	NSS	3.33	0.88	>10000	1.4	<10	140	2.69	19.95	0.12	11.25	74.3	15.0	10
CC118160		0.24	0.014	0.15	0.48	130.0	<0.2	<10	40	0.19	1.84	0.05	0.11	30.8	2.4	7
CC118161		0.26	0.006	0.28	1.22	723	<0.2	<10	130	0.72	1.39	0.79	0.82	34.4	9.1	17



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
CC118029		3.92	57.8	6.45	7.64	0.12	0.02	0.05	0.037	0.11	21.0	22.9	0.33	1870	1.65
CC118030		1.56	38.7	2.96	3.18	0.14	<0.02	0.03	0.035	0.04	28.8	13.9	0.17	331	3.97
CC118031		1.47	43.9	5.25	1.53	0.12	0.13	0.02	0.028	0.04	20.6	13.1	0.20	487	0.59
CC118032		1.78	62.3	3.92	4.01	0.15	0.19	0.01	0.026	0.04	26.0	40.7	0.46	813	0.86
CC118033		2.57	57.2	3.44	3.72	0.12	0.25	0.01	0.025	0.04	22.1	32.7	0.38	819	0.39
CC118034		1.52	42.7	3.77	4.20	0.15	0.17	0.02	0.023	0.04	31.1	47.8	0.48	457	0.44
CC118035		2.62	52.1	3.98	5.66	0.15	0.08	0.02	0.022	0.04	31.5	77.3	0.58	604	0.55
CC118036		1.89	27.0	2.89	3.58	0.11	<0.02	0.01	0.025	0.04	17.0	32.7	0.26	525	0.95
CC118037		2.28	39.0	3.61	1.98	0.10	0.06	0.01	0.032	0.04	13.2	19.2	0.19	489	0.90
CC118038		1.92	37.3	3.48	2.44	0.09	0.03	0.01	0.027	0.04	10.8	16.1	0.24	682	1.02
CC118039		2.79	44.0	4.14	4.62	0.11	0.06	<0.01	0.021	0.04	21.2	60.2	0.59	660	0.53
CC118040		2.68	47.8	3.58	4.74	0.14	0.04	0.01	0.028	0.04	31.4	49.8	0.47	862	0.61
CC118041		2.07	31.8	3.58	4.90	0.12	0.04	0.02	0.025	0.05	16.7	44.5	0.42	757	0.86
CC118042		1.78	22.8	3.15	4.81	0.10	<0.02	0.02	0.023	0.05	10.1	32.4	0.34	376	1.46
CC118043		3.03	34.0	3.30	2.10	0.08	<0.02	0.04	0.027	0.04	7.8	19.3	0.18	1000	0.73
CC118044		1.73	22.7	2.85	3.60	0.09	<0.02	0.05	0.019	0.05	16.0	9.2	0.14	463	1.40
CC118045		1.82	33.2	3.43	2.84	0.11	0.02	<0.01	0.021	0.04	15.5	26.8	0.28	430	1.05
CC118046		1.55	21.3	3.32	4.44	0.08	<0.02	0.02	0.029	0.05	13.1	22.4	0.32	401	1.35
CC118140		1.19	23.7	2.86	3.03	0.11	0.02	0.03	0.030	0.05	16.0	11.3	0.24	353	1.39
CC118141		1.60	27.9	3.22	3.76	0.10	0.02	0.02	0.055	0.06	18.5	14.6	0.27	547	1.41
CC118142		2.52	27.2	3.39	5.69	0.07	0.03	0.05	0.059	0.07	16.7	21.1	0.32	614	1.94
CC118143		2.20	25.5	2.61	4.56	0.06	0.02	0.09	0.065	0.07	13.9	16.7	0.25	406	1.50
CC118144		1.46	16.5	3.14	5.07	0.06	<0.02	0.03	0.022	0.05	14.2	16.9	0.21	505	1.88
CC118145		2.00	30.8	3.40	4.53	0.09	0.04	0.09	0.051	0.11	22.3	21.0	0.29	600	1.58
CC118146		1.38	25.3	3.34	4.37	0.07	<0.02	0.08	0.027	0.06	19.7	10.1	0.15	449	1.66
CC118147		2.71	37.2	3.79	5.54	0.08	0.03	0.13	0.135	0.07	15.1	20.0	0.36	614	1.87
CC118148		2.26	35.8	3.44	3.39	0.10	0.07	0.03	0.023	0.05	29.8	28.8	0.35	835	1.01
CC118149		2.72	41.2	3.37	3.02	0.11	0.06	0.03	0.025	0.06	30.6	26.1	0.33	789	0.97
CC118150		2.25	38.0	3.36	2.97	0.11	0.06	0.03	0.024	0.06	29.4	25.7	0.34	619	0.94
CC118151		5.47	55.4	2.95	4.23	0.07	0.03	0.05	0.033	0.06	12.7	14.9	0.40	660	1.31
CC118152		2.63	28.6	3.35	4.26	0.08	0.05	0.10	0.051	0.08	15.4	19.5	0.49	615	1.52
CC118153		8.13	43.6	3.43	4.78	0.09	0.08	0.08	0.039	0.10	16.9	20.8	0.47	616	1.65
CC118154		2.35	26.3	1.57	2.66	0.05	0.08	0.10	0.026	0.05	7.4	5.3	0.12	331	1.15
CC118155		4.71	59.8	3.29	3.97	0.08	0.12	0.11	0.232	0.08	16.0	15.1	0.22	837	3.58
CC118156		2.04	10.9	2.72	7.57	0.06	<0.02	0.03	0.022	0.04	12.7	4.9	0.12	566	5.46
CC118157		3.74	17.5	3.38	8.44	0.08	0.02	0.03	0.026	0.07	13.0	18.5	0.26	155	13.90
CC118158		4.48	22.5	3.63	9.85	0.07	0.02	0.05	0.062	0.08	13.1	22.6	0.36	2490	9.29
CC118159		3.17	12.6	6.98	3.72	0.16	0.05	0.08	0.390	0.05	34.7	10.8	0.24	2150	3.50
CC118160		1.41	9.9	1.13	3.75	<0.05	<0.02	0.03	0.014	0.03	15.3	1.6	0.03	107	2.39
CC118161		2.07	34.3	2.70	3.48	0.06	0.10	0.05	0.027	0.06	17.1	15.2	0.27	501	1.03



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
CC118029		0.37	45.7	1640	62.0	22.1	<0.001	0.08	6.32	3.0	1.4	0.5	19.0	<0.01	0.07	3.1
CC118030		0.08	27.2	780	36.0	4.4	<0.001	0.04	3.15	2.1	3.4	0.4	62.4	<0.01	0.04	6.0
CC118031		0.05	49.4	370	45.0	3.1	<0.001	0.11	4.51	3.9	1.2	<0.2	24.8	0.01	0.02	11.9
CC118032		<0.05	45.6	600	57.3	2.6	<0.001	0.03	3.30	3.0	1.0	0.2	25.8	<0.01	0.03	21.9
CC118033		<0.05	38.2	450	55.2	3.1	<0.001	0.03	1.67	3.1	0.7	0.2	31.0	<0.01	0.04	20.7
CC118034		0.06	37.1	550	29.4	3.9	<0.001	0.04	1.84	2.6	0.9	0.2	24.2	<0.01	0.03	9.1
CC118035		0.07	46.2	480	43.2	3.9	<0.001	0.04	2.65	2.0	0.9	0.2	23.9	<0.01	0.05	8.8
CC118036		0.21	23.7	500	25.1	6.1	<0.001	0.03	1.88	1.2	0.6	0.3	9.4	0.01	0.01	1.8
CC118037		0.12	30.1	550	59.4	4.1	<0.001	0.04	4.89	1.8	0.6	0.2	15.4	<0.01	0.06	3.6
CC118038		0.16	31.6	460	32.6	4.6	<0.001	0.03	2.96	1.9	0.6	0.3	10.5	<0.01	0.06	2.9
CC118039		<0.05	38.9	480	35.8	3.3	<0.001	0.04	2.42	1.8	0.6	0.3	12.1	<0.01	0.05	6.6
CC118040		0.11	39.6	460	48.2	4.4	<0.001	0.03	3.19	2.2	0.8	0.3	10.0	<0.01	0.04	9.8
CC118041		0.22	25.3	730	41.0	6.1	<0.001	0.05	1.31	1.0	0.7	0.3	5.7	<0.01	0.04	2.2
CC118042		0.50	21.9	410	37.4	8.6	<0.001	0.04	1.36	1.2	1.3	0.5	7.3	<0.01	0.04	1.1
CC118043		0.17	32.7	410	41.5	5.5	<0.001	0.03	1.51	1.6	0.8	0.3	6.0	<0.01	0.01	3.8
CC118044		0.35	19.1	380	28.2	7.6	<0.001	0.04	1.65	1.2	0.5	0.4	6.0	<0.01	0.04	1.6
CC118045		0.28	27.5	600	20.4	4.5	<0.001	0.03	1.30	1.9	0.9	0.2	11.1	<0.01	0.04	4.6
CC118046		0.49	23.7	430	23.3	7.4	<0.001	0.04	1.60	1.5	0.5	0.5	7.9	<0.01	0.04	1.0
CC118140		0.24	20.9	820	34.8	6.8	<0.001	0.05	2.59	1.2	0.5	0.3	13.7	<0.01	0.02	1.3
CC118141		0.30	22.4	770	265	9.2	<0.001	0.04	4.27	1.6	0.7	0.7	15.0	<0.01	0.03	1.8
CC118142		0.84	22.8	640	120.5	15.6	<0.001	0.03	3.98	2.4	0.9	0.8	11.7	<0.01	0.07	2.1
CC118143		0.52	19.0	1210	152.0	13.6	<0.001	0.08	2.65	1.2	1.1	0.7	13.7	<0.01	0.06	0.5
CC118144		0.85	13.6	510	30.9	13.4	<0.001	0.02	1.71	1.3	0.6	0.6	8.1	<0.01	0.06	1.0
CC118145		0.47	21.2	820	120.0	14.3	<0.001	0.07	4.01	2.1	0.8	0.6	22.6	<0.01	0.06	2.7
CC118146		0.24	16.0	820	45.6	9.7	<0.001	0.05	3.31	0.6	0.7	0.6	7.3	<0.01	0.08	0.3
CC118147		0.76	25.2	960	325	14.0	<0.001	0.05	5.63	1.9	1.1	0.9	11.8	<0.01	0.10	0.8
CC118148		0.26	29.6	610	31.4	7.6	<0.001	0.03	5.88	2.2	0.9	0.4	25.4	<0.01	0.05	5.6
CC118149		0.22	31.0	660	41.1	6.7	<0.001	0.03	9.66	2.4	1.0	0.3	26.7	<0.01	0.05	6.2
CC118150		0.23	29.2	590	39.0	6.5	<0.001	0.03	9.07	2.5	0.9	0.3	24.6	<0.01	0.05	7.5
CC118151		0.54	21.4	1070	36.0	14.2	<0.001	0.08	2.58	1.7	1.3	0.5	57.9	0.01	0.07	0.6
CC118152		0.72	27.6	590	82.0	19.3	<0.001	0.03	10.45	3.0	1.0	0.6	42.2	0.01	0.06	1.9
CC118153		0.73	27.3	1010	30.3	21.0	<0.001	0.06	21.0	3.3	1.4	0.6	65.0	0.01	0.08	2.1
CC118154		0.59	12.8	1460	24.1	13.0	<0.001	0.15	7.97	1.3	1.6	0.4	134.0	0.01	0.06	0.7
CC118155		0.71	27.3	1110	235	20.5	<0.001	0.10	48.3	2.3	1.5	0.9	60.3	0.01	0.08	2.3
CC118156		1.14	8.3	500	19.3	13.8	<0.001	0.03	2.76	1.1	0.6	1.4	16.1	<0.01	0.06	0.3
CC118157		3.00	17.7	310	17.8	19.5	<0.001	0.02	1.75	2.5	0.8	1.0	9.8	0.01	0.06	3.1
CC118158		1.61	18.5	680	77.9	24.1	<0.001	0.04	6.49	2.8	0.7	2.7	35.6	<0.01	0.06	1.3
CC118159		0.45	12.8	730	281	18.2	<0.001	0.03	273	4.2	0.8	2.2	11.7	0.01	0.25	10.1
CC118160		0.20	6.1	630	10.8	10.0	<0.001	0.03	4.50	0.5	0.4	1.9	8.0	<0.01	0.04	<0.2
CC118161		0.43	19.6	1230	27.1	16.8	<0.001	0.09	12.05	1.7	1.2	0.5	51.5	0.01	0.05	1.8



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm	Au- OG43 Au ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
CC118029		0.014	0.53	2.05	38	0.32	9.00	168	0.9	
CC118030		0.005	0.05	2.99	25	0.10	7.06	79	<0.5	
CC118031		<0.005	<0.02	1.68	5	<0.05	19.45	136	6.3	
CC118032		<0.005	<0.02	2.84	8	<0.05	13.25	110	11.1	
CC118033		<0.005	<0.02	2.16	8	<0.05	11.15	108	16.0	
CC118034		0.005	<0.02	1.21	12	0.05	10.70	88	4.6	
CC118035		<0.005	<0.02	1.92	11	<0.05	7.80	93	2.4	
CC118036		0.012	<0.02	1.08	20	0.10	3.90	73	0.5	
CC118037		0.005	<0.02	1.19	11	0.07	5.54	129	1.6	
CC118038		0.009	0.02	1.07	18	0.78	6.31	93	0.7	
CC118039		<0.005	<0.02	1.42	12	<0.05	5.30	110	1.8	
CC118040		0.006	<0.02	1.17	15	0.05	8.41	117	1.5	
CC118041		0.013	0.02	0.96	23	0.09	3.79	87	1.2	
CC118042		0.024	0.06	0.96	38	0.19	3.12	71	<0.5	
CC118043		0.010	0.03	1.38	16	0.08	4.18	97	0.9	
CC118044		0.025	0.04	1.05	32	0.21	3.18	70	<0.5	
CC118045		0.018	0.02	1.52	23	0.14	4.50	96	0.6	
CC118046		0.027	0.05	0.74	40	0.22	3.11	78	<0.5	
CC118140		0.019	0.03	0.93	31	0.32	4.80	111	0.6	
CC118141		0.016	0.07	1.14	34	0.33	5.37	131	<0.5	
CC118142		0.021	0.20	1.33	47	0.43	5.85	133	0.8	
CC118143		0.012	0.20	1.44	32	0.38	6.29	92	<0.5	
CC118144		0.028	0.10	0.64	43	0.43	2.45	71	<0.5	
CC118145		0.013	0.15	1.34	33	0.29	4.93	115	0.9	
CC118146		0.010	0.09	0.84	34	0.24	3.36	80	<0.5	
CC118147		0.024	0.16	1.75	46	0.34	4.68	185	<0.5	
CC118148		0.010	0.06	2.88	15	0.30	8.61	120	1.8	
CC118149		0.007	0.06	2.89	12	0.53	9.67	124	1.8	
CC118150		0.008	0.06	1.89	14	0.58	8.54	134	1.8	
CC118151		0.022	0.12	5.08	37	0.34	12.30	510	0.6	
CC118152		0.033	0.14	8.63	37	1.12	10.70	606	1.2	
CC118153		0.026	0.14	17.25	37	0.79	13.10	202	2.2	
CC118154		0.014	0.09	6.59	16	0.35	8.06	133	2.3	
CC118155		0.016	0.15	5.65	25	2.61	17.00	226	3.1	
CC118156		0.052	0.17	0.74	71	5.35	2.23	68	<0.5	
CC118157		0.090	0.33	0.76	62	1.30	3.04	73	0.9	
CC118158		0.074	0.31	1.65	61	11.60	6.38	232	<0.5	
CC118159		0.008	0.18	1.59	17	21.7	9.48	668	1.0	
CC118160		0.011	0.13	0.50	21	5.85	1.76	27	<0.5	
CC118161		0.012	0.11	8.99	21	0.45	9.60	108	2.5	



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
CC118382		0.26	0.005	0.25	1.55	176.0	<0.2	<10	130	0.50	0.67	0.07	0.18	33.6	9.4	21
CC118383		0.22	0.005	0.08	0.97	220	<0.2	<10	60	0.35	1.21	0.10	0.19	41.7	6.9	15
CC118384		0.20	0.002	0.09	1.00	137.0	<0.2	<10	70	0.18	0.72	0.04	0.14	38.4	5.0	19
CC118385		0.16	0.008	0.12	1.31	347	<0.2	<10	120	0.42	0.66	0.09	0.12	40.4	10.4	18
CC118386		0.20	0.012	0.11	0.96	249	<0.2	<10	60	0.20	0.74	0.03	0.16	44.8	6.6	16
CC118387		0.18	0.006	0.36	1.25	124.0	<0.2	<10	90	0.34	0.51	0.05	0.20	46.9	7.5	20
CC118388		0.16	0.008	0.32	1.06	150.5	<0.2	<10	110	0.35	0.51	0.05	0.21	41.4	5.8	16
CC118389		0.24	0.003	0.10	0.97	191.0	<0.2	<10	60	0.23	0.55	0.04	0.16	36.4	7.0	19
CC118390		0.26	0.017	0.17	1.20	251	<0.2	<10	100	0.50	0.56	0.09	0.33	45.4	11.7	17
CC118391		0.18	0.019	0.17	1.00	289	<0.2	<10	80	0.24	0.57	0.03	0.16	38.4	6.6	15
CC118392		0.20	0.007	0.10	0.79	509	<0.2	<10	70	0.26	2.41	0.04	0.18	37.1	7.1	16
CC118393		0.24	0.003	0.10	1.20	93.5	<0.2	<10	80	0.37	0.45	0.06	0.14	33.7	6.3	17
CC118394		0.16	0.002	0.08	1.14	66.4	<0.2	<10	70	0.21	0.50	0.03	0.12	50.5	6.6	15
CC118395		0.20	0.007	0.06	1.13	98.2	<0.2	<10	80	0.30	0.37	0.07	0.15	50.2	6.2	17
CC118396		0.22	0.003	0.42	1.22	106.0	<0.2	<10	130	0.40	0.45	0.04	0.29	34.2	6.6	17
CC118397		0.18	0.004	0.40	1.01	120.5	<0.2	<10	140	0.37	0.44	0.07	0.42	38.2	8.9	15
CC118398		0.18	0.006	0.39	1.38	216	<0.2	<10	140	0.45	0.63	0.04	0.34	40.9	10.0	21
CC118399		0.22	0.010	0.29	1.49	432	<0.2	<10	110	0.46	0.77	0.09	0.27	42.2	12.9	22
CC118410		0.32	0.002	0.15	0.66	48.6	<0.2	<10	40	0.34	0.41	0.08	0.18	19.45	15.1	11
CC118411		0.22	0.022	0.23	1.24	566	<0.2	<10	110	0.71	0.49	0.15	0.14	43.8	14.6	11
CC118412		0.24	0.008	0.20	1.08	250	<0.2	<10	50	0.72	0.59	0.23	0.11	63.8	24.6	11
CC118413		0.38	0.002	0.14	0.31	56.9	<0.2	<10	70	0.39	0.55	0.07	0.14	31.0	23.5	5
CC118414		0.34	0.002	0.12	1.12	54.7	<0.2	<10	120	0.37	0.33	0.08	0.15	43.7	10.7	16
CC118415		0.24	0.001	0.08	0.73	60.2	<0.2	<10	40	0.17	0.38	0.03	0.10	45.5	7.6	11
CC118417		0.24	0.006	0.47	0.89	167.5	<0.2	<10	90	0.51	0.48	0.28	0.64	48.8	13.2	18
CC118418		0.34	0.006	0.25	0.98	205	<0.2	<10	120	0.47	0.53	0.34	0.75	47.7	14.2	14
CC118419		0.28	0.005	0.24	0.94	241	<0.2	<10	120	0.47	0.45	0.29	0.76	47.9	15.1	15
CC118420		0.28	0.005	0.17	0.93	257	<0.2	<10	140	0.50	0.61	0.23	0.75	59.6	13.9	14
CC118421		0.18	0.004	0.26	1.00	148.0	<0.2	<10	160	0.44	0.47	0.45	0.93	37.4	10.5	14
CC118422		Not Recvd														
CC118423		0.28	0.006	0.34	1.12	198.5	<0.2	<10	160	0.55	0.59	0.35	0.88	46.4	12.3	16
CC118424		0.38	0.006	0.37	1.09	182.0	<0.2	<10	150	0.54	0.68	0.33	0.68	47.5	12.2	18
CC118425		0.32	0.008	0.22	1.34	135.0	<0.2	<10	170	0.59	0.48	0.36	0.45	48.3	18.7	17
CC118426		0.34	0.003	0.13	1.35	64.6	<0.2	<10	70	0.57	0.38	0.29	0.21	73.8	17.0	23
CC118427		0.24	0.003	0.30	1.43	102.0	<0.2	<10	120	0.63	0.46	0.42	0.35	43.8	14.7	17
CC118428		0.30	0.003	0.20	1.24	155.5	<0.2	<10	90	0.47	0.46	0.33	0.34	50.8	13.7	18
CC118429		0.46	0.002	0.17	1.21	165.0	<0.2	<10	90	0.50	0.46	0.31	0.34	54.8	13.5	17
CC118430		0.26	0.002	0.14	1.41	71.4	<0.2	<10	70	0.59	0.42	0.31	0.23	45.4	21.4	28
CC118431		0.32	0.003	0.34	1.24	471	<0.2	<10	110	0.60	0.48	0.60	0.44	44.3	13.5	15
CC118432		0.30	0.004	0.13	1.73	553	<0.2	<10	140	0.86	1.72	0.13	0.39	42.7	18.4	23



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
CC118382		1.86	19.3	3.39	4.76	0.07	0.04	0.04	0.031	0.06	16.0	20.1	0.29	427	1.78
CC118383		1.14	22.5	2.89	3.18	0.08	0.03	0.02	0.022	0.04	20.6	14.0	0.26	284	1.40
CC118384		2.03	16.5	3.14	8.63	0.08	<0.02	0.02	0.020	0.06	18.8	8.0	0.18	254	2.33
CC118385		4.48	25.7	3.23	5.31	0.07	0.02	0.02	0.025	0.06	20.7	12.8	0.21	677	1.34
CC118386		1.97	22.9	3.64	4.04	0.08	<0.02	0.03	0.025	0.05	22.3	9.7	0.19	248	1.62
CC118387		1.80	28.7	3.12	4.62	0.08	0.02	0.04	0.023	0.05	23.3	18.8	0.31	247	1.71
CC118388		1.83	21.5	2.59	3.70	0.06	<0.02	0.04	0.017	0.06	20.7	14.0	0.25	197	1.34
CC118389		1.52	20.0	3.55	4.89	0.07	<0.02	0.02	0.021	0.05	17.9	12.6	0.23	341	1.78
CC118390		1.42	24.9	3.43	3.27	0.09	0.06	0.03	0.026	0.06	21.9	24.0	0.33	486	1.28
CC118391		1.75	20.2	3.29	4.10	0.07	0.02	0.04	0.023	0.06	19.2	10.0	0.18	341	1.57
CC118392		1.87	22.3	3.57	4.97	0.08	<0.02	0.02	0.032	0.05	18.1	8.0	0.14	473	3.02
CC118393		1.58	20.6	2.65	4.27	0.07	0.03	0.03	0.023	0.04	16.2	17.2	0.25	259	1.62
CC118394		1.41	18.4	3.85	5.75	0.10	0.02	0.02	0.019	0.04	25.0	17.8	0.22	235	1.33
CC118395		1.07	21.2	2.47	3.30	0.08	0.02	0.02	0.017	0.04	24.6	22.0	0.32	195	0.86
CC118396		1.85	22.7	2.85	4.69	0.07	0.02	0.03	0.025	0.06	17.0	13.1	0.22	281	1.63
CC118397		1.31	26.5	2.95	3.91	0.08	0.02	0.03	0.021	0.06	18.9	16.9	0.22	486	1.67
CC118398		1.60	29.9	3.81	5.66	0.07	0.02	0.03	0.034	0.11	19.6	22.6	0.33	494	2.12
CC118399		1.69	26.1	3.56	5.34	0.07	0.04	0.05	0.034	0.07	20.0	25.7	0.34	616	1.97
CC118410		3.80	32.7	3.45	2.83	0.05	0.03	0.06	0.022	0.05	9.1	12.3	0.16	821	0.87
CC118411		8.14	38.1	3.59	3.49	0.08	0.05	0.03	0.030	0.13	20.9	16.3	0.26	664	0.60
CC118412		3.28	50.2	4.07	3.21	0.11	0.09	0.02	0.024	0.07	30.5	27.3	0.36	737	0.71
CC118413		1.41	51.6	3.79	1.17	0.08	0.32	0.01	0.029	0.05	14.6	10.8	0.10	774	0.60
CC118414		1.43	27.8	3.21	3.98	0.07	0.03	0.02	0.018	0.05	21.1	30.1	0.30	486	1.17
CC118415		1.46	26.7	3.12	4.65	0.07	<0.02	0.03	0.017	0.04	21.8	16.2	0.14	315	1.08
CC118417		1.41	30.3	2.98	2.76	0.08	0.05	0.04	0.020	0.07	23.6	25.6	0.29	547	1.27
CC118418		1.55	35.4	3.30	2.94	0.09	0.06	0.06	0.021	0.07	22.7	26.6	0.31	781	1.03
CC118419		1.28	32.6	3.23	3.00	0.09	0.05	0.03	0.021	0.07	22.3	25.3	0.29	1020	1.25
CC118420		1.24	29.4	3.41	3.27	0.11	0.06	0.03	0.036	0.06	28.9	24.6	0.33	1190	1.33
CC118421		1.28	27.3	2.71	2.76	0.08	0.06	0.06	0.018	0.07	18.2	19.7	0.34	568	0.97
CC118422															
CC118423		1.78	31.4	3.00	3.69	0.09	0.08	0.05	0.022	0.07	22.4	29.4	0.36	603	1.14
CC118424		1.76	32.4	2.92	3.75	0.08	0.07	0.04	0.023	0.07	22.8	29.8	0.36	435	1.26
CC118425		3.30	33.9	3.55	4.09	0.09	0.12	0.03	0.019	0.08	22.8	39.6	0.39	1140	0.98
CC118426		1.38	37.5	3.80	4.38	0.12	0.07	0.01	0.022	0.05	36.0	44.1	0.50	869	1.37
CC118427		2.28	33.5	3.47	4.51	0.09	0.11	0.04	0.022	0.06	21.3	44.8	0.47	560	0.80
CC118428		1.49	34.2	3.37	3.91	0.09	0.07	0.04	0.019	0.05	24.4	37.4	0.45	467	0.97
CC118429		1.45	33.4	3.36	4.16	0.10	0.07	0.03	0.020	0.05	26.1	40.6	0.44	507	1.06
CC118430		1.90	42.2	3.77	4.77	0.09	0.09	0.02	0.028	0.07	21.8	54.3	0.50	943	1.92
CC118431		2.74	29.3	3.19	3.80	0.09	0.10	0.04	0.025	0.05	21.6	39.7	0.40	611	0.73
CC118432		3.83	25.1	4.11	4.90	0.09	0.06	0.04	0.034	0.06	19.8	41.4	0.30	463	1.55



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
CC118382		0.84	19.3	630	26.9	11.8	<0.001	0.02	2.95	2.0	0.8	0.6	9.7	<0.01	0.06	2.1
CC118383		0.74	18.9	530	20.9	9.3	<0.001	0.02	6.95	1.6	0.6	0.5	10.7	<0.01	0.04	3.7
CC118384		1.25	13.0	510	16.6	14.8	<0.001	0.02	2.48	1.6	0.6	0.9	8.0	<0.01	0.07	1.0
CC118385		0.45	15.7	820	43.1	14.3	<0.001	0.04	5.60	1.3	0.5	0.8	11.3	<0.01	0.07	1.2
CC118386		0.68	15.8	470	31.1	10.1	<0.001	0.02	4.24	1.5	0.7	0.5	5.8	<0.01	0.06	2.7
CC118387		0.63	22.0	560	23.2	10.4	<0.001	0.02	3.45	1.7	0.6	0.4	8.8	<0.01	0.05	2.3
CC118388		0.32	17.3	810	20.6	11.7	<0.001	0.04	3.02	1.0	0.6	0.4	8.2	<0.01	0.04	0.8
CC118389		0.60	17.1	550	25.5	10.9	<0.001	0.02	2.99	1.2	0.6	0.5	6.3	<0.01	0.05	1.0
CC118390		0.51	23.2	610	34.1	9.0	<0.001	0.01	3.45	1.9	0.7	0.3	11.4	<0.01	0.04	5.5
CC118391		0.47	14.2	610	35.9	12.6	<0.001	0.02	2.98	1.2	0.6	0.5	6.7	<0.01	0.05	1.7
CC118392		0.47	15.6	730	25.3	10.7	<0.001	0.03	3.90	1.1	0.8	0.8	7.4	<0.01	0.08	0.5
CC118393		0.60	16.8	660	15.7	10.0	<0.001	0.02	2.25	1.4	0.7	0.5	8.8	<0.01	0.05	1.2
CC118394		0.83	16.5	370	17.3	10.2	<0.001	0.02	1.95	1.6	0.5	0.5	5.7	<0.01	0.05	4.5
CC118395		0.42	17.1	450	25.2	8.1	<0.001	0.01	2.46	1.5	0.4	0.3	7.9	<0.01	0.03	3.5
CC118396		0.34	15.8	770	30.7	15.2	<0.001	0.04	1.94	0.8	0.7	0.6	7.5	<0.01	0.06	0.4
CC118397		0.37	19.5	800	26.5	9.9	<0.001	0.03	2.47	1.1	0.7	0.4	8.8	<0.01	0.06	1.0
CC118398		0.47	23.3	660	42.6	12.2	<0.001	0.02	3.23	1.7	0.8	0.6	8.0	<0.01	0.06	1.6
CC118399		0.62	24.1	740	41.3	13.4	<0.001	0.03	2.67	2.1	1.0	0.5	13.0	<0.01	0.08	3.0
CC118410		0.15	21.1	1050	41.2	5.6	<0.001	0.07	2.10	1.2	0.6	0.3	10.9	<0.01	0.05	1.3
CC118411		0.07	20.2	640	60.0	14.5	<0.001	0.10	4.14	2.0	0.5	0.4	28.8	<0.01	0.07	5.5
CC118412		0.06	36.8	540	44.3	5.3	<0.001	0.04	3.93	3.4	0.6	0.3	21.8	<0.01	0.06	13.0
CC118413		<0.05	36.1	350	37.4	2.8	<0.001	0.02	2.68	2.6	0.4	0.2	35.1	<0.01	0.06	15.7
CC118414		0.30	23.4	640	42.2	8.5	<0.001	0.03	1.96	1.4	0.6	0.3	12.4	<0.01	0.05	2.1
CC118415		0.32	14.4	670	39.9	6.0	<0.001	0.04	1.90	1.0	0.6	0.4	5.9	<0.01	0.07	1.4
CC118417		0.15	31.5	570	35.8	6.5	<0.001	0.04	4.08	2.1	0.9	0.3	28.2	<0.01	0.04	7.3
CC118418		0.17	31.3	660	41.2	7.2	<0.001	0.03	4.48	2.2	1.1	0.3	32.9	<0.01	0.05	6.9
CC118419		0.17	30.4	600	34.1	7.2	<0.001	0.03	4.03	2.1	0.9	0.3	29.0	<0.01	0.04	6.4
CC118420		0.18	30.3	560	29.8	6.0	<0.001	0.02	6.95	2.5	0.7	0.3	23.0	<0.01	0.03	10.1
CC118421		0.24	23.9	820	24.7	7.1	<0.001	0.04	3.17	2.1	1.2	0.3	36.9	<0.01	0.03	4.9
CC118422																
CC118423		0.31	28.8	740	41.3	9.6	<0.001	0.04	3.42	2.5	1.0	0.4	39.8	<0.01	0.04	5.1
CC118424		0.34	28.9	700	61.4	9.1	<0.001	0.03	3.93	2.5	0.9	0.4	39.9	<0.01	0.04	5.9
CC118425		0.16	31.5	700	39.8	11.6	<0.001	0.05	3.15	1.8	1.1	0.4	48.6	<0.01	0.06	4.8
CC118426		0.08	37.1	730	33.7	4.4	<0.001	0.03	1.45	1.9	0.7	0.3	41.1	<0.01	0.06	11.7
CC118427		0.19	31.6	670	31.8	7.6	<0.001	0.05	1.63	2.2	1.2	0.3	59.9	<0.01	0.07	5.9
CC118428		0.19	30.4	640	30.4	5.5	<0.001	0.03	2.39	2.1	0.9	0.2	40.3	<0.01	0.05	7.0
CC118429		0.20	30.5	630	27.9	6.0	<0.001	0.03	2.45	2.2	1.0	0.2	40.1	<0.01	0.05	7.2
CC118430		0.12	41.5	600	37.9	6.0	<0.001	0.04	1.80	2.1	0.7	0.4	36.4	<0.01	0.05	7.4
CC118431		0.24	28.0	650	38.9	8.7	0.001	0.05	5.88	2.2	1.4	0.3	60.9	<0.01	0.05	5.3
CC118432		0.82	31.8	470	22.4	13.7	<0.001	0.02	1.30	2.7	0.9	0.5	21.9	<0.01	0.08	7.7



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm	Au- OG43 Au ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
CC118382		0.016	0.15	0.73	41	1.10	3.38	80	0.9	
CC118383		0.020	0.09	0.76	23	2.10	3.80	67	0.8	
CC118384		0.048	0.15	0.68	76	0.67	2.74	64	<0.5	
CC118385		0.011	0.16	1.13	35	0.29	3.25	71	0.5	
CC118386		0.017	0.11	0.66	34	0.40	2.49	79	<0.5	
CC118387		0.018	0.11	0.82	39	0.36	3.39	81	0.7	
CC118388		0.011	0.11	0.91	30	0.30	3.07	78	<0.5	
CC118389		0.022	0.09	0.69	36	0.52	2.69	77	<0.5	
CC118390		0.013	0.08	0.80	25	0.54	4.61	94	1.6	
CC118391		0.012	0.11	0.64	33	0.37	2.93	77	<0.5	
CC118392		0.016	0.12	0.74	42	2.24	3.32	76	<0.5	
CC118393		0.017	0.12	0.72	34	0.43	3.41	63	0.7	
CC118394		0.019	0.12	0.59	33	0.24	2.63	65	0.7	
CC118395		0.016	0.07	0.82	25	0.26	3.65	74	0.6	
CC118396		0.013	0.14	0.88	40	0.24	3.68	76	<0.5	
CC118397		0.012	0.09	0.77	32	0.22	3.79	86	0.5	
CC118398		0.019	0.13	0.87	42	0.37	4.46	110	<0.5	
CC118399		0.021	0.12	0.90	41	0.32	4.25	99	0.8	
CC118410		0.007	0.05	1.62	14	0.11	4.17	84	0.9	
CC118411		<0.005	0.11	1.45	11	0.07	4.88	102	1.5	
CC118412		<0.005	0.07	1.70	9	0.08	8.43	113	4.7	
CC118413		<0.005	0.03	1.68	4	<0.05	4.51	116	15.1	
CC118414		0.015	0.08	1.11	25	0.19	5.18	81	0.6	
CC118415		0.016	0.06	0.79	26	0.19	2.69	59	<0.5	
CC118417		0.006	0.05	1.11	11	0.18	7.16	118	1.7	
CC118418		0.007	0.06	1.44	13	0.21	8.28	132	1.7	
CC118419		0.006	0.05	1.51	13	0.23	7.24	122	1.4	
CC118420		0.008	0.07	1.43	14	1.27	7.59	118	1.9	
CC118421		0.011	0.06	1.25	18	0.28	8.10	130	1.5	
CC118422										
CC118423		0.012	0.08	1.86	21	0.32	9.66	136	2.0	
CC118424		0.014	0.08	1.65	21	0.28	8.68	118	2.0	
CC118425		0.005	0.08	2.61	14	0.12	8.33	107	3.3	
CC118426		<0.005	0.04	1.68	10	0.07	6.87	102	2.6	
CC118427		0.006	0.07	2.53	16	0.10	8.48	102	3.2	
CC118428		0.007	0.05	1.66	15	0.13	7.34	104	2.1	
CC118429		0.007	0.05	1.74	16	0.11	7.28	101	1.9	
CC118430		<0.005	0.05	2.13	11	0.10	7.69	112	3.0	
CC118431		0.007	0.05	4.38	16	0.11	8.48	110	2.9	
CC118432		0.021	0.11	1.76	39	0.26	7.80	99	1.8	



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
CC118433		0.32	0.001	0.04	1.28	25.3	<0.2	<10	70	0.20	0.43	0.03	0.09	33.6	4.7	16
CC118434		0.30	0.002	0.16	1.09	70.9	<0.2	<10	180	1.23	1.19	0.74	0.19	44.9	17.8	12
CC118435		0.30	0.001	0.05	0.57	351	<0.2	<10	60	0.24	1.58	0.07	0.18	40.1	9.3	11
CC118436		0.22	0.002	0.05	0.35	10.9	<0.2	<10	40	0.07	0.23	0.06	0.06	22.3	1.1	6
CC118437		0.30	0.001	0.09	1.20	52.1	<0.2	<10	110	0.38	1.16	0.11	0.18	40.3	15.2	19
CC118438		0.28	0.001	0.05	0.67	46.4	<0.2	<10	50	0.14	0.63	0.03	0.06	35.0	3.4	10
CC118439		0.24	0.010	0.16	0.90	163.0	<0.2	<10	110	0.52	0.52	0.28	0.41	51.6	17.7	11
CC118440		0.26	0.004	0.22	2.10	99.1	<0.2	<10	180	0.91	0.58	0.33	0.12	41.2	13.3	29
CC118441		0.36	0.001	0.13	0.77	223	<0.2	<10	40	0.31	2.59	0.02	0.06	74.4	7.9	9
CC118442		0.30	0.002	0.04	0.49	394	<0.2	<10	40	0.12	6.89	0.02	0.09	31.5	8.0	9
CC118443		0.34	0.003	0.17	1.54	663	<0.2	<10	190	0.59	0.88	0.58	0.18	36.1	11.6	24
CC118444		0.32	0.001	0.03	0.98	111.0	<0.2	<10	70	0.25	1.38	0.02	0.12	49.1	6.0	14
CC118445		0.24	0.001	0.11	0.71	232	<0.2	<10	50	0.18	1.84	0.03	0.09	39.6	5.4	12
CC118454		0.32	0.005	0.30	0.82	208	<0.2	<10	120	0.48	1.07	0.20	0.34	61.6	11.6	12
CC118455		0.28	0.004	0.23	1.01	280	<0.2	<10	60	0.31	1.53	0.04	0.16	54.5	6.7	13
CC118456		0.26	0.001	0.16	1.32	579	<0.2	<10	80	0.25	0.50	0.06	0.13	28.0	6.1	22
CC118457		0.22	0.002	0.10	1.41	919	<0.2	<10	70	0.32	5.51	0.04	0.14	23.6	5.5	23
CC118458		0.26	0.001	0.22	1.25	208	<0.2	<10	80	0.35	1.46	0.03	0.20	33.3	7.3	22
CC118459		0.28	0.001	0.14	0.86	327	<0.2	<10	60	0.15	1.03	0.03	0.13	29.2	4.2	15
CC118460		0.26	0.001	0.03	1.51	31.0	<0.2	<10	110	0.63	0.56	0.05	0.22	41.9	7.0	17
CC118461		0.30	<0.001	0.04	1.25	73.9	<0.2	<10	140	0.40	0.48	0.16	0.13	29.9	6.2	17
CC118462		0.32	0.008	0.35	1.28	373	<0.2	<10	150	0.74	2.26	0.85	0.46	34.4	10.7	19
CC118463		0.28	0.004	0.05	1.28	572	<0.2	<10	160	0.58	6.06	0.35	0.50	35.4	12.5	18
CC118464		0.26	0.003	0.19	1.28	727	<0.2	<10	160	0.57	1.42	0.60	0.63	42.9	14.5	22



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CERTIFICATE OF ANALYSIS WH11114399

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
CC118433		2.28	15.3	2.83	8.86	0.06	0.03	0.02	0.019	0.04	16.1	9.4	0.13	143	2.48	0.01
CC118434		4.51	38.8	6.21	2.26	0.12	0.09	0.04	0.035	0.06	22.1	14.4	0.18	967	0.83	0.01
CC118435		3.20	22.6	4.28	3.81	0.09	<0.02	0.01	0.017	0.04	19.1	2.9	0.06	279	1.27	0.01
CC118436		1.54	4.7	0.61	2.81	<0.05	<0.02	0.03	0.005	0.04	10.7	2.6	0.04	32	0.52	0.01
CC118437		2.15	19.8	3.81	4.72	0.09	0.03	0.01	0.026	0.06	18.3	25.0	0.32	622	2.22	0.01
CC118438		1.43	14.3	2.58	5.10	0.07	<0.02	0.02	0.014	0.05	16.4	4.6	0.07	107	1.54	<0.01
CC118439		1.45	41.6	3.60	2.97	0.09	0.05	0.02	0.022	0.07	24.4	26.9	0.31	979	1.28	0.01
CC118440		3.56	41.8	3.97	5.96	0.11	0.20	0.04	0.033	0.07	21.4	74.5	0.49	785	1.33	0.01
CC118441		3.39	32.7	4.97	2.77	0.13	0.03	0.01	0.022	0.08	34.9	9.3	0.10	232	0.61	0.01
CC118442		0.93	11.3	4.29	7.19	0.08	<0.02	0.01	0.021	0.02	14.0	2.8	0.03	438	1.64	0.01
CC118443		2.36	24.4	3.30	5.56	0.07	0.05	0.04	0.031	0.08	15.3	29.7	0.46	608	2.26	0.01
CC118444		1.67	28.5	4.22	4.49	0.09	0.04	0.02	0.022	0.07	23.1	13.1	0.17	166	1.17	0.01
CC118445		2.15	20.9	3.92	7.00	0.09	<0.02	0.03	0.018	0.05	19.3	5.8	0.09	196	2.11	<0.01
CC118454		1.27	26.9	2.76	2.62	0.08	0.12	0.03	0.017	0.06	30.3	16.1	0.30	525	1.12	0.01
CC118455		1.81	15.4	3.03	3.85	0.06	0.03	0.03	0.021	0.06	26.6	17.3	0.22	260	1.15	0.01
CC118456		1.47	9.6	3.17	6.66	<0.05	0.02	0.04	0.021	0.06	13.4	17.7	0.28	315	2.28	0.01
CC118457		2.34	21.3	5.69	5.82	<0.05	0.04	0.06	0.029	0.04	12.1	11.2	0.22	199	2.65	0.01
CC118458		2.55	22.0	5.94	6.91	<0.05	0.05	0.03	0.035	0.06	16.3	15.3	0.23	481	1.96	0.01
CC118459		2.30	10.5	3.03	7.40	0.05	<0.02	0.02	0.020	0.04	14.8	4.3	0.11	247	2.48	<0.01
CC118460		2.48	12.8	3.33	4.37	0.05	0.05	0.03	0.034	0.04	20.3	14.5	0.21	224	1.26	<0.01
CC118461		2.35	8.0	2.70	5.43	<0.05	0.02	0.02	0.028	0.04	13.3	13.3	0.19	247	1.37	0.01
CC118462		8.88	45.8	3.31	3.33	0.05	0.08	0.10	0.036	0.07	17.5	14.8	0.33	632	0.84	0.01
CC118463		1.79	22.6	3.67	3.89	<0.05	0.06	0.03	0.026	0.07	16.3	21.2	0.35	631	1.34	0.01
CC118464		3.30	23.1	3.28	4.43	<0.05	0.03	0.03	0.027	0.07	17.7	17.6	0.40	617	1.35	0.01



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
CC118433		1.20	11.0	260	9.7	10.4	<0.001	0.01	1.48	2.1	0.7	0.8	6.4	0.01	0.07	4.2
CC118434		0.22	42.6	590	7.7	11.3	<0.001	0.05	1.25	5.5	1.4	0.3	63.6	0.01	0.06	14.0
CC118435		0.65	15.1	380	10.0	8.9	<0.001	0.02	2.14	1.4	0.5	0.5	8.2	<0.01	0.06	5.1
CC118436		0.16	3.0	320	4.0	7.8	<0.001	0.02	0.32	1.0	0.3	0.3	6.4	<0.01	0.02	2.3
CC118437		0.72	22.3	290	18.1	14.2	<0.001	0.01	1.38	2.3	0.5	0.5	12.6	<0.01	0.05	7.0
CC118438		0.59	8.1	310	8.4	11.6	<0.001	0.01	1.28	1.3	0.4	0.5	5.0	<0.01	0.04	2.6
CC118439		0.14	32.9	590	38.7	6.2	<0.001	0.04	5.38	2.4	0.8	0.3	29.1	<0.01	0.05	8.3
CC118440		0.34	34.8	1500	40.0	13.1	<0.001	0.06	1.90	3.4	1.5	0.5	39.2	0.01	0.08	3.6
CC118441		0.40	19.2	380	13.9	16.4	<0.001	0.02	2.20	1.4	0.5	0.7	6.6	<0.01	0.04	11.5
CC118442		1.12	9.5	350	19.4	4.7	<0.001	0.02	1.89	1.0	0.4	0.6	3.5	<0.01	0.10	3.6
CC118443		0.63	24.1	630	18.3	17.6	<0.001	0.03	1.86	2.9	0.9	0.6	50.6	<0.01	0.06	2.9
CC118444		0.45	17.1	340	16.5	15.2	<0.001	0.02	2.35	1.8	0.6	0.5	5.1	<0.01	0.07	7.1
CC118445		0.77	12.7	700	15.6	12.4	<0.001	0.03	4.00	1.2	0.6	0.6	5.3	<0.01	0.08	1.6
CC118454		0.29	24.3	610	26.0	5.9	<0.001	<0.01	7.05	2.3	0.6	0.4	19.5	<0.01	0.02	9.9
CC118455		0.61	16.2	280	28.2	13.3	<0.001	<0.01	4.79	1.4	0.3	0.6	6.2	<0.01	0.03	6.4
CC118456		1.35	13.7	270	17.8	16.4	0.001	0.01	1.53	2.1	0.5	0.8	9.1	<0.01	0.06	3.4
CC118457		1.55	16.2	560	50.6	11.0	0.001	0.03	3.13	1.9	1.2	0.6	6.7	<0.01	0.11	3.3
CC118458		1.67	17.3	450	41.5	13.1	<0.001	0.01	4.42	1.9	0.7	1.1	5.0	0.01	0.07	6.1
CC118459		1.26	9.9	340	22.7	9.9	<0.001	0.01	2.35	1.3	0.3	1.2	5.6	<0.01	0.06	1.4
CC118460		1.02	14.7	240	13.7	11.8	0.001	<0.01	0.92	2.1	0.6	0.6	6.7	<0.01	0.04	6.4
CC118461		0.90	12.2	300	15.2	11.5	<0.001	<0.01	0.94	2.0	0.2	0.7	16.4	<0.01	0.04	2.7
CC118462		0.35	25.5	1040	55.7	10.5	0.001	0.08	6.45	3.1	1.3	0.5	62.6	<0.01	0.04	2.0
CC118463		0.46	21.5	600	28.0	12.1	<0.001	0.03	6.18	2.1	0.5	0.5	32.6	<0.01	0.05	3.1
CC118464		0.50	25.5	660	24.3	11.1	<0.001	0.04	5.43	1.7	0.6	0.6	44.9	<0.01	0.05	1.5



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm	Au- OG43 Au ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
CC118433		0.025	0.15	0.52	68	0.25	2.46	44	1.0	
CC118434		0.005	0.12	3.23	16	0.13	27.0	78	1.8	
CC118435		0.026	0.08	0.79	32	0.21	4.53	44	<0.5	
CC118436		0.008	0.08	0.37	14	0.07	1.09	10	<0.5	
CC118437		0.019	0.10	0.71	35	0.18	3.76	77	1.1	
CC118438		0.015	0.09	0.39	37	0.24	2.07	40	<0.5	
CC118439		0.006	0.05	1.43	13	1.11	7.28	124	1.9	
CC118440		0.016	0.12	5.21	36	0.28	22.1	116	4.4	
CC118441		0.009	0.21	1.52	11	0.17	4.94	50	1.0	
CC118442		0.024	0.08	0.77	53	0.25	1.70	63	<0.5	
CC118443		0.022	0.15	2.20	46	0.23	6.58	84	1.1	
CC118444		0.008	0.11	0.56	25	0.23	2.95	65	1.2	
CC118445		0.025	0.12	0.65	46	1.16	2.76	42	<0.5	
CC118454		0.021	0.07	0.96	17	0.80	7.57	85	6.2	
CC118455		0.012	0.12	0.63	21	1.01	2.55	65	1.0	
CC118456		0.032	0.14	0.64	64	0.41	2.21	52	0.6	
CC118457		0.030	0.16	0.84	58	0.54	2.44	64	1.2	
CC118458		0.037	0.16	0.61	46	0.60	2.75	99	2.2	
CC118459		0.048	0.17	0.52	63	0.94	1.86	51	<0.5	
CC118460		0.018	0.17	0.94	39	0.21	4.23	68	1.7	
CC118461		0.022	0.15	0.83	46	0.31	3.33	58	0.5	
CC118462		0.015	0.10	4.02	22	0.37	24.1	160	2.2	
CC118463		0.015	0.11	1.11	28	0.81	5.13	116	1.6	
CC118464		0.025	0.15	3.84	34	0.49	4.35	128	0.6	



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Method	CERTIFICATE COMMENTS
ALL METHODS ME- MS41	NSS is non- sufficient sample. Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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CERTIFICATE WH11141357

Project: Lansing Project- Lance

P.O. No.:

This report is for 90 Soil samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL- 2011.

The following have access to data associated with this certificate:

DOUG EATON

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL43	Trace Level Au - 25g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

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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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ16406		0.20	0.005	0.15	0.82	493	<0.2	<10	60	0.58	1.02	0.07	0.44	105.5	22.2	10
ZZ16407		0.22	0.001	0.21	0.73	227	<0.2	<10	40	0.22	0.57	0.09	0.18	30.6	4.8	8
ZZ16408		0.34	0.002	0.10	0.98	139.5	<0.2	<10	90	0.29	0.53	0.07	0.13	60.1	9.6	12
ZZ16409		0.22	0.003	0.09	0.86	183.5	<0.2	<10	120	0.29	0.38	0.81	0.35	27.5	8.7	12
ZZ16410		0.18	0.001	0.11	0.66	94.5	<0.2	<10	60	0.15	0.45	0.02	0.07	39.8	3.4	8
ZZ16411		0.24	0.004	0.10	1.01	168.5	<0.2	<10	90	0.34	0.47	0.09	0.19	45.5	7.9	15
ZZ16412		0.20	0.002	0.11	0.69	63.5	<0.2	<10	50	0.12	0.42	0.04	0.09	34.2	5.5	12
ZZ16413		0.24	0.005	0.26	0.97	313	<0.2	<10	140	0.39	1.26	1.13	0.30	21.7	9.1	11
ZZ16414		0.22	0.002	0.06	1.88	74.1	<0.2	<10	30	0.49	0.62	0.06	0.05	102.0	22.1	23
ZZ16415		0.20	0.002	0.10	1.42	469	<0.2	<10	110	0.64	1.33	0.15	0.18	60.6	24.3	17
ZZ16416		0.28	0.001	0.05	0.96	38.2	<0.2	<10	90	0.37	0.45	0.03	0.13	39.6	15.9	10
ZZ16417		0.38	0.004	0.09	0.83	137.0	<0.2	<10	160	0.72	0.72	0.39	0.13	47.0	13.1	11
ZZ16418		0.26	0.002	0.06	1.01	551	<0.2	<10	80	0.18	1.07	0.03	0.07	28.4	7.1	21
ZZ16419		0.42	0.001	0.05	1.16	298	<0.2	<10	120	0.18	1.32	0.26	0.09	31.4	4.0	18
ZZ16420		0.34	0.001	0.06	0.78	17.5	<0.2	<10	60	0.11	0.71	0.08	0.05	29.7	1.3	9
ZZ16751		0.30	0.001	0.09	1.37	188.5	<0.2	<10	120	0.52	0.97	0.46	0.11	54.4	10.1	17
ZZ16752		0.22	0.009	0.28	1.57	936	<0.2	<10	140	0.88	1.79	0.69	0.32	45.8	15.8	19
ZZ16753		0.18	0.001	0.05	0.87	107.0	<0.2	<10	50	0.14	0.74	0.02	0.06	34.1	4.6	14
ZZ16754		0.30	0.001	0.04	0.56	53.5	<0.2	<10	40	0.07	0.49	0.01	0.04	39.4	2.1	8
ZZ16755		0.22	0.006	0.31	1.24	417	<0.2	<10	140	0.55	0.92	0.44	0.25	41.1	9.0	16
ZZ16756		0.22	0.001	0.04	0.56	135.5	<0.2	<10	40	0.16	0.72	0.05	0.07	39.1	3.6	8
ZZ16757		0.40	0.001	0.11	0.71	166.5	<0.2	<10	140	0.42	0.82	0.28	0.20	29.0	2.0	11
ZZ16758		0.20	0.003	0.07	0.53	215	<0.2	<10	60	0.22	0.84	0.16	0.13	31.5	3.1	9
ZZ16759		0.46	0.001	0.07	0.90	235	<0.2	<10	90	0.24	0.90	0.05	0.15	31.8	2.9	13
ZZ16760		0.12	0.004	0.13	1.53	655	<0.2	<10	150	0.56	2.02	0.40	0.73	34.1	10.8	30
ZZ16761		0.34	0.025	0.37	2.01	2700	<0.2	<10	170	0.62	26.9	0.64	0.44	37.0	21.8	39
ZZ16762		0.22	0.006	0.34	1.29	542	<0.2	<10	200	0.58	1.76	0.72	0.34	32.8	8.9	18
ZZ16763		0.26	0.006	0.48	1.52	1125	<0.2	<10	220	0.73	1.60	1.09	1.07	26.8	11.0	19
ZZ16764		0.20	0.006	0.54	1.38	427	<0.2	<10	160	0.71	1.21	1.07	0.84	36.0	15.0	21
ZZ16765		0.22	0.002	0.11	1.57	549	<0.2	<10	70	0.49	3.01	0.42	0.30	70.6	19.0	28
ZZ16766		0.32	0.025	0.11	1.11	726	<0.2	<10	130	0.68	2.28	0.89	0.41	43.1	14.1	19
ZZ16767		0.32	0.001	0.13	1.07	1305	<0.2	<10	100	0.62	0.72	0.36	0.30	45.7	15.7	13
ZZ16768		0.24	0.005	0.56	1.64	1135	<0.2	<10	90	1.20	2.63	0.59	2.29	52.6	26.9	19
ZZ16769		0.32	0.002	0.13	1.05	235	<0.2	<10	60	0.24	0.98	0.04	0.11	29.7	4.8	18
ZZ16770		0.14	0.002	0.26	1.69	791	<0.2	<10	180	0.66	0.67	1.05	0.24	25.8	13.6	26
ZZ16951		0.40	0.003	0.10	1.64	314	<0.2	<10	200	0.75	2.29	0.15	0.37	52.2	16.2	21
ZZ16952		0.24	0.001	0.11	0.44	208	<0.2	<10	50	0.12	1.46	0.07	0.21	28.1	3.6	6
ZZ16953		0.38	0.002	0.21	1.17	233	<0.2	<10	130	0.42	1.93	0.04	0.13	47.3	7.1	15
ZZ16954		0.20	0.016	0.30	2.14	804	<0.2	<10	80	0.70	3.02	0.06	0.29	49.2	13.1	25
ZZ16955		0.24	0.002	0.11	0.64	684	<0.2	<10	60	0.14	1.88	0.03	0.10	40.3	5.4	9



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ZZ16406		2.27	47.3	4.47	2.82	0.18	0.02	0.02	0.053	0.06	51.7	21.7	0.20	841	0.57
ZZ16407		1.28	14.7	2.04	4.21	0.11	0.02	0.02	0.019	0.03	15.0	10.7	0.12	254	0.68
ZZ16408		1.63	25.6	3.48	3.78	0.13	0.02	0.02	0.030	0.05	29.8	15.3	0.22	328	1.08
ZZ16409		1.19	16.3	2.33	3.72	0.12	0.02	0.03	0.017	0.06	13.7	12.2	0.20	546	1.00
ZZ16410		0.93	11.9	1.71	6.15	0.12	<0.02	0.02	0.013	0.05	19.3	2.1	0.04	149	1.52
ZZ16411		1.32	25.5	3.01	3.96	0.14	<0.02	0.03	0.022	0.07	22.3	16.8	0.24	261	1.30
ZZ16412		1.85	14.4	2.27	5.04	0.12	<0.02	0.04	0.017	0.05	16.2	6.7	0.11	492	1.47
ZZ16413		1.70	26.1	2.53	3.42	0.11	0.03	0.04	0.019	0.05	11.0	10.7	0.15	877	0.74
ZZ16414		2.21	46.8	4.64	5.64	0.19	0.10	0.01	0.020	0.06	52.8	68.8	0.69	694	0.41
ZZ16415		2.86	28.6	4.11	4.48	0.14	0.03	0.04	0.029	0.09	28.5	29.1	0.30	769	0.89
ZZ16416		1.45	19.2	5.02	3.01	0.12	0.04	0.01	0.034	0.04	17.6	12.4	0.10	969	0.84
ZZ16417		1.31	18.2	5.24	1.90	0.14	0.05	0.03	0.034	0.05	21.6	8.7	0.19	821	0.80
ZZ16418		2.40	15.3	5.50	8.43	0.13	<0.02	0.02	0.023	0.05	12.7	6.1	0.11	709	2.12
ZZ16419		2.53	9.3	2.49	6.79	0.13	<0.02	0.01	0.017	0.05	15.4	10.7	0.23	142	1.34
ZZ16420		2.12	4.9	0.57	5.12	0.12	<0.02	0.01	0.009	0.04	14.8	2.3	0.06	64	0.74
ZZ16751		3.67	25.2	3.53	5.23	0.14	0.02	0.02	0.020	0.08	25.3	24.7	0.37	364	0.81
ZZ16752		7.00	37.8	3.70	3.73	0.14	0.05	0.03	0.031	0.07	22.2	21.8	0.34	921	1.15
ZZ16753		1.61	13.2	2.96	8.31	0.13	<0.02	0.01	0.017	0.05	15.9	5.0	0.10	285	2.45
ZZ16754		1.28	9.0	1.15	6.57	0.13	<0.02	0.01	0.008	0.03	19.1	2.0	0.04	65	1.11
ZZ16755		1.67	23.2	3.31	4.19	0.13	<0.02	0.04	0.025	0.06	20.6	18.3	0.27	482	1.21
ZZ16756		1.24	16.2	1.79	4.52	0.12	<0.02	0.01	0.011	0.05	19.2	3.4	0.06	135	1.64
ZZ16757		1.93	8.5	1.12	5.91	0.12	<0.02	0.01	0.013	0.04	14.3	2.7	0.07	159	1.57
ZZ16758		1.00	10.0	1.43	3.90	0.12	<0.02	0.01	0.017	0.05	15.2	4.3	0.07	128	4.29
ZZ16759		1.16	7.9	1.90	7.46	0.11	<0.02	0.01	0.015	0.03	15.7	4.7	0.09	214	3.22
ZZ16760		3.33	19.2	2.88	7.07	0.13	0.02	0.05	0.050	0.09	17.3	23.7	0.31	813	2.92
ZZ16761		6.10	40.6	5.26	6.67	0.13	0.02	0.02	0.039	0.14	15.2	32.9	0.68	734	3.86
ZZ16762		1.99	22.4	2.80	3.97	0.14	0.04	0.05	0.033	0.08	15.5	18.9	0.31	669	3.14
ZZ16763		2.37	41.0	3.07	4.35	0.12	0.08	0.08	0.039	0.08	13.7	15.3	0.28	736	2.51
ZZ16764		4.22	51.5	3.87	3.82	0.14	0.05	0.08	0.040	0.07	18.1	22.8	0.40	947	1.10
ZZ16765		2.43	19.8	3.78	5.05	0.16	0.06	0.02	0.028	0.04	28.5	30.3	0.72	810	0.34
ZZ16766		2.89	29.4	3.95	3.64	0.13	0.03	0.03	0.031	0.05	13.5	15.0	0.32	1080	1.11
ZZ16767		2.52	23.5	3.17	2.85	0.15	0.05	0.02	0.031	0.03	21.4	16.8	0.27	1030	0.65
ZZ16768		7.82	83.1	3.67	4.34	0.14	0.15	0.06	0.056	0.05	24.8	21.5	0.49	289	0.73
ZZ16769		2.04	10.1	3.18	7.71	0.13	<0.02	0.01	0.021	0.04	13.5	7.4	0.15	253	1.89
ZZ16770		5.81	37.9	3.17	5.34	0.12	0.04	0.06	0.031	0.06	11.8	19.3	0.43	960	1.34
ZZ16951		2.87	40.2	3.88	4.25	0.14	0.06	0.02	0.028	0.08	22.0	25.6	0.37	627	1.30
ZZ16952		1.96	9.8	1.72	5.21	0.12	<0.02	0.01	0.013	0.03	14.5	2.4	0.05	137	1.60
ZZ16953		3.56	22.6	3.41	4.64	0.14	<0.02	0.01	0.023	0.06	24.5	14.3	0.20	359	1.01
ZZ16954		2.23	22.6	4.30	4.92	0.15	0.08	0.05	0.040	0.04	19.0	17.5	0.22	365	1.60
ZZ16955		3.07	13.2	2.14	4.26	0.13	<0.02	0.02	0.016	0.05	20.3	3.8	0.09	168	1.40



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
ZZ16406		0.12	31.3	650	36.9	5.0	<0.001	0.01	4.60	1.6	0.5	0.3	12.5	<0.01	0.04
ZZ16407		0.15	8.7	750	22.5	3.2	<0.001	0.04	3.52	0.4	0.3	0.5	8.8	<0.01	0.04
ZZ16408		0.23	18.2	540	29.1	5.6	<0.001	0.01	3.03	1.2	0.5	0.3	8.8	<0.01	0.06
ZZ16409		0.48	14.6	780	19.3	7.8	<0.001	0.05	2.03	0.9	0.6	0.4	55.5	<0.01	0.05
ZZ16410		0.37	7.0	440	11.8	6.4	<0.001	0.01	2.02	0.7	0.3	0.7	5.4	<0.01	0.05
ZZ16411		0.24	20.1	800	22.0	8.8	<0.001	0.02	4.23	1.2	0.5	0.4	11.3	<0.01	0.04
ZZ16412		0.19	9.6	740	16.0	10.1	<0.001	0.03	1.51	0.3	0.5	0.6	6.5	<0.01	0.03
ZZ16413		0.33	17.5	890	11.8	6.4	<0.001	0.06	7.20	1.2	0.4	0.4	66.1	<0.01	0.06
ZZ16414		0.06	35.2	600	19.3	3.9	<0.001	0.02	1.63	1.5	0.2	0.2	12.3	<0.01	0.04
ZZ16415		0.43	26.0	480	19.8	12.3	<0.001	0.02	1.60	2.0	0.3	0.4	20.1	<0.01	0.04
ZZ16416		0.45	20.8	310	21.6	8.7	<0.001	0.02	1.20	1.6	0.4	0.3	4.5	0.01	0.06
ZZ16417		0.19	25.4	410	11.0	7.9	<0.001	0.02	1.66	4.6	0.9	0.2	43.6	<0.01	0.03
ZZ16418		1.59	11.6	450	19.1	8.2	<0.001	0.02	1.54	1.5	0.4	1.0	5.9	<0.01	0.08
ZZ16419		0.91	10.5	230	12.5	10.7	<0.001	0.01	15.60	1.6	0.3	0.9	22.6	<0.01	0.03
ZZ16420		0.29	3.1	280	7.4	7.3	<0.001	0.01	0.67	0.5	0.2	0.8	9.4	<0.01	0.02
ZZ16751		0.67	13.6	620	13.1	15.0	<0.001	0.03	1.43	1.9	0.3	0.5	39.8	<0.01	0.05
ZZ16752		0.48	28.9	970	32.4	15.0	<0.001	0.06	4.99	2.6	1.3	0.4	52.5	<0.01	0.05
ZZ16753		0.96	10.4	380	11.9	7.8	<0.001	0.01	1.78	1.1	0.4	1.1	5.5	<0.01	0.06
ZZ16754		0.25	5.4	300	5.2	5.0	<0.001	<0.01	2.09	0.4	0.3	1.0	4.1	<0.01	0.03
ZZ16755		0.31	21.0	850	18.0	9.3	<0.001	0.03	11.60	1.7	0.8	0.5	48.0	<0.01	0.04
ZZ16756		0.24	8.2	450	9.5	6.9	<0.001	0.01	4.02	0.5	0.4	0.6	6.3	<0.01	0.03
ZZ16757		0.36	4.6	350	14.3	13.9	<0.001	0.02	1.94	0.5	<0.2	1.1	15.7	<0.01	0.04
ZZ16758		0.36	7.3	350	13.8	6.2	<0.001	0.01	6.90	0.7	0.3	1.4	10.8	<0.01	0.02
ZZ16759		0.79	5.9	200	13.6	7.9	<0.001	<0.01	2.08	1.2	0.5	1.5	8.2	<0.01	0.05
ZZ16760		1.69	15.6	670	44.3	20.8	<0.001	0.05	7.29	2.6	0.8	1.2	31.2	0.01	0.04
ZZ16761		1.12	38.5	560	43.7	26.9	<0.001	0.04	5.82	3.4	1.0	1.0	42.8	<0.01	0.07
ZZ16762		0.54	18.9	800	22.8	18.0	<0.001	0.04	4.63	2.1	0.7	0.7	44.2	<0.01	0.03
ZZ16763		0.48	19.7	1460	23.7	20.7	<0.001	0.10	8.50	1.9	1.1	0.6	67.2	<0.01	0.05
ZZ16764		0.36	31.0	910	39.2	9.6	<0.001	0.06	11.90	3.8	1.4	0.4	69.8	<0.01	0.06
ZZ16765		0.14	25.1	550	21.7	4.3	<0.001	0.03	7.02	2.8	0.6	0.2	27.0	<0.01	0.04
ZZ16766		0.43	26.3	680	20.1	9.4	<0.001	0.05	8.38	2.2	0.7	0.5	57.6	0.01	0.05
ZZ16767		0.31	23.4	440	42.7	5.6	<0.001	0.02	2.05	2.8	0.6	0.3	24.3	<0.01	0.04
ZZ16768		0.42	50.0	730	110.5	7.7	0.001	0.15	6.70	4.3	1.4	0.7	46.5	<0.01	0.05
ZZ16769		1.22	9.0	310	16.1	7.7	<0.001	0.01	1.82	1.3	0.4	1.2	7.6	<0.01	0.04
ZZ16770		0.58	23.7	1340	36.2	11.4	0.001	0.10	1.47	1.8	0.8	0.6	84.5	<0.01	0.05
ZZ16951		0.49	36.2	630	31.3	11.5	<0.001	<0.01	3.70	2.8	0.6	0.8	20.7	<0.01	0.04
ZZ16952		0.69	7.7	210	13.4	6.6	<0.001	0.02	2.50	0.7	0.2	1.4	9.0	<0.01	0.04
ZZ16953		0.46	16.1	350	54.7	14.8	<0.001	0.02	3.22	1.7	0.5	1.9	7.1	<0.01	0.04
ZZ16954		1.11	29.7	640	70.2	10.3	<0.001	0.04	3.86	4.1	1.1	0.9	8.2	0.02	0.08
ZZ16955		0.50	11.9	310	27.9	10.9	<0.001	0.02	2.22	0.9	0.5	0.7	6.4	<0.01	0.05



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ16406		0.005	0.06	1.74	11	0.10	5.80	99	0.9
ZZ16407		0.007	0.06	0.68	17	0.07	1.85	47	<0.5
ZZ16408		0.006	0.07	1.02	21	0.11	3.27	78	0.7
ZZ16409		0.018	0.07	0.77	26	0.16	3.19	70	0.6
ZZ16410		0.013	0.11	0.55	52	0.25	2.01	38	<0.5
ZZ16411		0.011	0.09	0.86	26	0.22	4.08	76	<0.5
ZZ16412		0.014	0.10	0.63	38	0.21	1.82	44	<0.5
ZZ16413		0.013	0.09	1.58	21	0.10	8.36	51	0.7
ZZ16414		<0.005	0.03	1.39	14	<0.05	4.18	99	3.0
ZZ16415		0.011	0.09	1.31	29	0.12	4.58	75	1.2
ZZ16416		0.009	0.11	0.93	23	0.14	4.27	41	1.3
ZZ16417		0.005	0.10	1.11	15	0.07	13.20	47	1.5
ZZ16418		0.053	0.17	0.75	72	0.33	2.25	62	<0.5
ZZ16419		0.036	0.16	0.62	58	0.32	2.42	45	<0.5
ZZ16420		0.016	0.14	0.46	34	0.17	1.69	13	<0.5
ZZ16751		0.019	0.16	2.26	31	0.24	6.85	49	0.6
ZZ16752		0.020	0.14	3.96	29	0.42	20.9	104	1.3
ZZ16753		0.046	0.16	0.53	77	0.35	2.12	46	<0.5
ZZ16754		0.015	0.14	0.40	46	0.22	1.80	23	<0.5
ZZ16755		0.012	0.14	1.93	31	0.35	7.96	82	<0.5
ZZ16756		0.013	0.11	0.60	39	2.23	1.97	41	<0.5
ZZ16757		0.034	0.15	0.62	41	1.55	2.86	27	<0.5
ZZ16758		0.015	0.09	0.99	30	5.03	2.15	43	<0.5
ZZ16759		0.035	0.15	0.56	60	2.21	2.22	43	<0.5
ZZ16760		0.080	0.27	4.57	43	2.77	6.71	144	0.5
ZZ16761		0.065	0.36	1.50	51	8.33	6.74	132	0.8
ZZ16762		0.019	0.17	1.98	27	2.36	5.40	100	1.1
ZZ16763		0.017	0.14	5.62	29	1.12	11.80	166	2.1
ZZ16764		0.016	0.12	6.25	23	0.67	24.1	137	1.2
ZZ16765		0.008	0.05	2.39	22	0.11	8.45	128	1.5
ZZ16766		0.020	0.11	1.55	30	0.95	5.65	105	0.9
ZZ16767		0.013	0.08	2.12	20	1.23	13.95	61	1.0
ZZ16768		0.013	0.09	6.23	23	0.80	12.55	411	5.0
ZZ16769		0.049	0.14	0.55	72	1.87	1.99	47	<0.5
ZZ16770		0.021	0.15	6.25	45	0.54	8.14	97	0.9
ZZ16951		0.011	0.17	0.99	29	0.41	6.42	110	2.2
ZZ16952		0.023	0.10	0.45	27	1.97	1.76	33	<0.5
ZZ16953		0.009	0.21	0.76	25	0.43	4.61	80	0.8
ZZ16954		0.027	0.15	1.56	40	1.27	7.39	68	2.8
ZZ16955		0.018	0.10	0.67	29	3.80	2.72	44	<0.5



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CERTIFICATE OF ANALYSIS WH11141357

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ16956		0.12	0.010	1.46	1.78	379	<0.2	<10	150	1.15	2.40	0.80	0.39	28.5	8.3	23
ZZ16957		0.26	0.003	0.29	1.78	300	<0.2	<10	190	1.03	1.55	0.58	0.46	40.1	13.0	20
ZZ16958		0.32	0.002	0.11	1.23	279	<0.2	<10	60	0.17	0.76	0.03	0.06	26.2	3.8	20
ZZ16959		0.38	0.004	0.14	1.16	181.0	<0.2	<10	90	0.43	2.14	0.02	0.12	50.5	6.6	14
ZZ16960		0.48	0.001	0.07	1.20	37.2	<0.2	<10	70	0.19	0.35	0.04	0.08	22.2	2.5	17
CC135321		0.14	0.003	0.13	1.20	160.5	<0.2	<10	60	0.43	0.40	0.05	0.12	51.0	9.2	15
CC135322		0.24	0.002	0.11	1.57	88.1	<0.2	<10	60	0.56	0.44	0.08	0.08	83.3	15.2	18
CC135323		0.24	0.003	0.08	1.06	129.5	<0.2	<10	80	0.39	0.30	0.09	0.20	55.8	11.8	16
CC135324		0.24	0.003	0.17	1.54	169.5	<0.2	<10	70	0.57	0.49	0.09	0.15	59.3	17.0	18
CC135325		0.26	0.021	0.10	1.67	429	<0.2	<10	50	0.87	0.43	0.08	0.13	53.8	22.9	16
CC135326		0.24	0.004	0.52	1.57	1145	<0.2	<10	50	0.87	1.09	0.12	0.47	92.3	41.1	17
CC135327		0.20	0.002	0.28	1.22	58.7	<0.2	<10	40	0.69	0.60	0.62	0.36	42.0	32.4	14
CC135328		0.16	0.003	0.29	1.31	54.4	<0.2	<10	50	0.51	0.83	0.18	0.15	54.2	26.4	15
CC135329		0.18	0.006	0.52	1.85	93.4	<0.2	<10	100	1.38	1.28	0.59	0.28	31.4	59.3	18
CC135330		0.28	0.003	0.30	1.52	134.5	<0.2	<10	50	0.91	0.64	0.15	0.10	78.2	30.2	17
CC135331		0.22	0.006	0.54	1.04	264	<0.2	<10	90	0.81	0.45	0.83	0.25	31.8	22.3	10
CC135332		0.34	0.002	0.29	1.67	223	<0.2	<10	40	0.71	0.64	0.06	0.15	81.3	30.4	18
CC135333		0.24	0.002	0.17	1.51	83.6	<0.2	<10	40	0.55	0.48	0.12	0.10	38.4	23.4	17
CC135334		0.16	0.003	0.15	1.45	238	<0.2	<10	80	0.48	0.71	0.24	0.11	73.3	12.2	17
CC135335		0.18	0.004	0.20	1.56	242	<0.2	<10	80	0.66	1.04	0.06	0.08	105.0	14.6	17
CC135336		0.16	0.001	0.10	1.12	105.0	<0.2	<10	30	0.30	0.86	0.18	0.06	111.5	11.1	13
CC135337		0.22	0.003	0.26	1.51	290	<0.2	<10	90	0.75	1.67	0.88	0.14	52.6	14.0	15
CC135338		0.30	0.007	0.34	1.62	535	<0.2	<10	120	0.86	2.81	0.16	0.23	78.1	21.0	19
CC135339		0.22	0.002	0.12	0.89	146.0	<0.2	<10	140	0.31	0.61	0.14	0.23	33.0	6.7	14
CC135340		0.34	0.083	0.92	0.85	1265	<0.2	<10	130	0.60	6.59	0.27	0.44	17.20	3.6	2
CC135341		0.26	0.002	0.07	0.97	75.7	<0.2	<10	100	0.61	0.31	0.09	0.19	50.8	7.2	11
CC135342		0.28	0.005	0.20	1.29	392	<0.2	<10	180	0.65	0.98	0.18	0.11	55.7	11.6	18
CC135343		0.30	0.005	0.08	1.20	378	<0.2	<10	80	0.52	1.07	0.35	0.27	66.9	13.5	16
CC135344		0.40	0.006	0.21	0.55	163.0	<0.2	<10	70	0.58	0.75	0.43	0.23	53.0	15.1	7
CC135345		0.24	0.006	0.25	0.86	164.5	<0.2	<10	90	0.71	0.84	0.61	0.25	36.5	10.7	10
CC135346		0.26	0.005	0.22	0.85	122.5	<0.2	<10	60	0.66	1.15	0.58	0.22	36.2	13.7	9
CC135347		0.22	0.002	0.20	0.80	90.1	<0.2	<10	70	0.43	0.68	0.92	0.37	33.2	8.8	11
CC135348		0.30	0.003	0.23	1.20	181.0	<0.2	<10	90	0.74	1.82	0.29	0.27	52.3	11.6	17
CC135349		0.38	0.019	0.47	1.92	1330	<0.2	<10	120	1.51	5.03	0.72	0.27	96.7	11.6	20
CC135350		0.36	0.004	0.07	1.19	201	<0.2	<10	110	0.45	1.01	0.10	0.33	52.2	9.1	18
ZZ15851		0.30	0.006	0.26	1.36	598	<0.2	<10	170	0.82	1.74	0.29	0.52	59.5	16.6	20
ZZ15852		0.30	0.006	0.13	0.92	339	<0.2	<10	80	0.49	1.62	0.15	0.51	53.6	9.0	16
ZZ15853		0.24	0.024	1.52	2.54	714	<0.2	<10	330	1.43	3.43	0.29	0.42	54.8	13.9	34
ZZ15854		0.30	0.004	0.18	1.19	150.0	<0.2	<10	110	0.49	0.61	0.20	0.48	66.0	10.8	19
ZZ15855		0.38	0.004	0.20	1.68	176.5	<0.2	<10	170	0.69	0.61	0.10	0.27	40.9	11.6	26



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CERTIFICATE OF ANALYSIS WH11141357

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ZZ16956		6.08	52.0	3.70	4.40	0.16	0.10	0.13	0.060	0.07	19.4	21.7	0.34	439	1.05
ZZ16957		3.37	33.2	3.67	5.66	0.15	<0.02	0.03	0.036	0.04	18.7	20.5	0.28	1100	1.83
ZZ16958		2.20	10.5	4.17	8.24	0.13	<0.02	0.02	0.023	0.04	13.2	9.4	0.19	129	2.16
ZZ16959		3.34	26.5	3.17	4.29	0.14	0.02	0.02	0.023	0.06	26.0	15.6	0.20	228	0.96
ZZ16960		1.92	7.1	2.18	6.99	0.11	<0.02	0.02	0.017	0.03	11.9	7.1	0.14	106	1.62
CC135321		2.84	27.8	3.13	4.17	0.14	0.04	0.02	0.019	0.04	27.1	24.9	0.28	372	1.02
CC135322		2.43	37.0	3.93	5.19	0.17	0.03	0.01	0.018	0.04	45.1	48.6	0.49	587	0.69
CC135323		1.07	25.5	3.04	3.75	0.16	0.02	0.02	0.015	0.04	27.6	27.0	0.32	476	1.02
CC135324		2.27	37.7	3.83	5.08	0.17	0.05	0.03	0.021	0.04	30.8	48.0	0.48	642	0.83
CC135325		3.59	43.6	4.24	4.50	0.15	0.04	0.03	0.021	0.04	27.2	39.1	0.53	994	0.70
CC135326		3.28	83.7	4.96	4.69	0.20	0.03	0.02	0.053	0.05	49.3	45.3	0.51	1400	1.14
CC135327		1.36	74.6	4.61	3.45	0.18	0.18	0.02	0.028	0.05	23.1	46.7	0.60	1000	2.52
CC135328		3.78	41.7	3.78	4.50	0.13	0.03	0.04	0.019	0.06	27.9	28.3	0.35	707	0.81
CC135329		5.98	154.0	5.61	4.71	0.14	0.13	0.03	0.029	0.07	16.7	50.7	0.65	1040	1.91
CC135330		3.92	85.3	3.94	4.46	0.18	0.06	0.03	0.026	0.05	41.2	40.3	0.47	846	0.56
CC135331		2.26	78.7	2.67	2.60	0.13	0.14	0.09	0.023	0.05	18.6	19.1	0.34	986	0.52
CC135332		3.44	56.5	4.07	5.40	0.16	0.07	0.03	0.027	0.04	44.4	44.3	0.52	1010	0.81
CC135333		1.89	45.9	4.36	4.57	0.15	0.13	0.02	0.018	0.05	19.1	53.0	0.55	723	0.52
CC135334		1.29	29.7	3.79	4.53	0.15	0.11	0.01	0.019	0.05	39.2	35.9	0.45	430	0.79
CC135335		2.24	39.7	4.22	4.81	0.19	0.04	0.01	0.021	0.04	55.3	40.8	0.46	594	0.59
CC135336		2.69	26.4	3.18	5.63	0.19	0.04	<0.01	0.014	0.05	63.2	28.1	0.36	693	0.56
CC135337		1.43	44.2	3.79	4.09	0.15	0.12	0.03	0.024	0.06	28.7	33.0	0.49	491	0.63
CC135338		3.23	43.8	4.40	4.91	0.17	0.05	0.02	0.027	0.07	40.3	35.2	0.43	789	0.99
CC135339		1.77	15.6	2.65	5.66	0.12	<0.02	0.03	0.018	0.05	17.2	11.8	0.14	464	1.77
CC135340		2.60	5.6	1.29	1.07	0.11	0.07	0.01	0.031	0.07	7.8	4.6	0.12	923	0.18
CC135341		1.16	8.4	3.74	2.41	0.14	0.04	0.04	0.023	0.05	25.5	9.2	0.15	1190	0.87
CC135342		2.08	23.9	3.37	4.32	0.16	0.07	0.02	0.023	0.05	29.8	19.3	0.30	636	1.32
CC135343		0.91	27.4	3.48	3.64	0.15	0.06	0.01	0.021	0.05	33.9	28.3	0.40	667	0.75
CC135344		1.01	42.4	3.70	1.67	0.16	0.19	0.01	0.025	0.05	27.9	7.9	0.16	406	0.77
CC135345		0.75	32.0	3.85	2.30	0.15	0.09	0.03	0.034	0.04	19.5	11.2	0.19	567	0.57
CC135346		1.48	37.5	4.22	2.28	0.13	0.10	0.02	0.030	0.05	18.8	17.1	0.21	582	0.74
CC135347		1.14	23.2	3.06	2.51	0.14	0.08	0.03	0.029	0.04	15.5	14.2	0.18	740	0.82
CC135348		2.99	55.6	4.29	3.73	0.07	0.07	0.05	0.036	0.07	28.8	19.5	0.34	574	1.73
CC135349		8.97	55.8	4.04	5.15	0.09	0.14	0.02	0.048	0.18	49.1	22.8	0.35	329	0.42
CC135350		1.69	19.0	3.21	4.47	0.07	0.02	0.03	0.029	0.05	25.2	19.8	0.25	520	1.21
ZZ15851		3.94	39.3	4.14	4.95	0.07	0.06	0.04	0.035	0.07	33.0	19.0	0.30	965	2.14
ZZ15852		0.95	26.8	2.96	2.95	0.07	0.05	0.02	0.020	0.05	29.5	16.4	0.30	456	1.19
ZZ15853		9.20	82.7	5.65	7.14	0.09	0.24	0.14	0.066	0.13	32.6	26.9	0.37	362	2.79
ZZ15854		0.91	30.6	3.25	3.80	0.09	0.03	0.03	0.019	0.05	35.3	25.1	0.45	423	1.27
ZZ15855		2.84	32.2	3.37	5.74	0.06	0.02	0.04	0.033	0.06	20.9	22.8	0.44	533	1.86



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CERTIFICATE OF ANALYSIS WH11141357

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ16956		0.40	25.2	1820	79.9	17.5	<0.001	0.17	2.67	3.4	2.2	0.9	52.9	0.01	0.04	2.6
ZZ16957		0.67	26.8	860	32.3	12.4	<0.001	0.06	1.80	1.6	1.1	0.9	45.6	<0.01	0.04	1.1
ZZ16958		1.32	11.0	360	22.1	10.2	<0.001	0.02	1.17	1.6	0.7	0.8	6.1	<0.01	0.06	3.2
ZZ16959		0.53	16.8	260	25.0	13.4	<0.001	0.02	2.08	1.7	0.7	1.3	4.7	<0.01	0.02	8.2
ZZ16960		0.78	7.0	310	16.2	7.9	<0.001	0.02	0.75	1.1	0.7	0.7	7.6	<0.01	0.03	0.7
CC135321		0.27	22.5	720	32.7	6.5	<0.001	0.04	3.64	1.0	0.6	0.3	9.5	<0.01	0.04	2.4
CC135322		0.09	34.6	530	30.3	4.5	<0.001	0.02	1.50	1.5	0.3	0.2	12.8	<0.01	0.11	7.5
CC135323		0.33	26.7	530	24.0	5.0	<0.001	0.02	2.41	1.7	0.5	0.3	10.2	<0.01	0.04	5.4
CC135324		0.12	34.3	610	41.3	5.6	<0.001	0.04	2.11	1.6	0.3	0.3	13.7	<0.01	0.04	5.2
CC135325		0.08	32.6	460	39.2	4.8	<0.001	0.04	1.60	1.9	0.7	0.3	10.1	<0.01	0.05	6.8
CC135326		<0.05	46.8	530	130.0	3.6	<0.001	0.02	3.40	2.1	0.7	1.6	19.8	<0.01	0.16	17.1
CC135327		<0.05	52.2	540	44.0	2.6	0.001	0.10	3.49	3.7	1.1	0.2	28.7	<0.01	0.15	12.7
CC135328		0.11	26.4	600	47.2	7.1	<0.001	0.04	3.52	1.5	0.7	0.3	18.3	<0.01	0.07	7.4
CC135329		<0.05	46.3	1420	105.5	5.1	<0.001	0.07	3.61	3.3	1.0	0.3	36.4	<0.01	0.13	15.4
CC135330		0.05	35.2	530	70.8	4.4	<0.001	0.03	1.66	2.1	0.7	0.3	16.5	<0.01	0.07	14.9
CC135331		0.05	31.6	800	61.4	4.2	<0.001	0.12	1.46	1.3	1.0	0.3	62.0	<0.01	0.08	6.2
CC135332		0.09	34.9	780	65.7	4.8	<0.001	0.04	1.96	1.7	0.5	0.3	12.2	<0.01	0.07	7.5
CC135333		<0.05	40.3	400	39.4	3.1	<0.001	0.02	2.06	2.3	0.7	0.2	20.3	<0.01	0.03	12.9
CC135334		0.18	30.7	560	28.6	5.0	<0.001	0.04	2.94	1.8	0.6	0.3	16.6	<0.01	0.03	6.5
CC135335		0.12	34.7	390	26.0	5.4	<0.001	0.02	3.56	1.7	0.6	0.3	11.2	<0.01	0.04	10.8
CC135336		0.08	24.5	660	16.4	5.3	<0.001	0.04	4.45	0.8	0.5	0.2	21.3	<0.01	0.06	5.1
CC135337		0.09	33.4	610	28.5	4.1	<0.001	0.07	5.78	2.1	0.9	0.2	55.6	<0.01	0.02	4.5
CC135338		0.28	34.7	660	40.0	7.5	<0.001	0.04	4.34	1.9	0.9	0.4	18.6	<0.01	0.05	7.1
CC135339		0.71	12.6	430	20.6	9.8	<0.001	0.03	2.65	1.1	0.3	0.6	12.9	<0.01	0.05	1.2
CC135340		0.30	5.4	170	182.5	8.9	<0.001	0.02	7.61	0.7	0.2	0.2	26.0	<0.01	0.02	4.4
CC135341		0.27	14.2	500	11.5	5.4	<0.001	0.04	1.86	1.7	0.5	0.3	7.5	0.01	0.03	3.6
CC135342		0.36	24.1	810	20.1	10.2	<0.001	0.05	4.46	2.0	0.5	0.5	16.1	<0.01	0.03	4.4
CC135343		0.22	32.2	400	14.2	4.8	<0.001	0.03	4.62	2.0	0.8	0.2	27.2	<0.01	0.04	7.4
CC135344		0.15	32.2	670	27.8	3.6	<0.001	0.03	7.40	3.2	0.7	0.2	26.8	<0.01	0.05	11.7
CC135345		0.17	27.2	690	25.7	4.1	<0.001	0.06	5.22	3.2	1.1	0.2	39.2	<0.01	0.04	2.6
CC135346		0.10	35.3	610	23.6	3.9	<0.001	0.05	4.43	2.4	1.0	0.2	35.3	<0.01	0.04	3.2
CC135347		0.23	23.2	750	20.5	5.3	<0.001	0.09	3.67	2.3	0.8	0.3	43.5	<0.01	0.04	2.3
CC135348		0.36	33.9	970	24.7	8.1	<0.001	0.05	15.90	2.8	1.0	0.6	26.7	<0.01	0.04	4.8
CC135349		0.08	27.1	430	32.2	16.7	<0.001	0.03	17.70	4.3	0.9	1.5	42.6	<0.01	0.04	14.5
CC135350		0.74	19.5	660	18.4	7.5	<0.001	0.02	4.35	2.2	0.4	1.0	10.9	<0.01	0.04	4.7
ZZ15851		0.45	28.2	1050	49.3	14.7	<0.001	0.07	8.48	2.8	0.9	0.6	23.0	<0.01	0.06	3.2
ZZ15852		0.48	24.2	520	24.0	5.7	<0.001	0.01	9.84	2.5	0.7	0.4	13.4	<0.01	0.02	7.6
ZZ15853		0.78	44.7	2300	82.3	21.0	<0.001	0.15	10.05	6.1	1.5	1.0	26.8	<0.01	0.07	4.6
ZZ15854		0.44	29.1	820	23.2	4.8	<0.001	0.01	5.42	2.5	0.8	0.3	19.8	<0.01	0.05	9.6
ZZ15855		0.61	27.5	750	27.3	9.9	<0.001	0.03	3.14	2.3	0.6	0.6	14.3	<0.01	0.06	1.4



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ16956		0.012	0.21	6.03	27	0.27	31.0	151	2.8
ZZ16957		0.024	0.14	1.57	42	0.43	11.55	102	<0.5
ZZ16958		0.037	0.16	0.55	61	0.42	1.96	47	<0.5
ZZ16959		0.011	0.19	0.58	21	0.71	3.88	59	1.5
ZZ16960		0.028	0.18	0.56	56	0.28	1.91	32	<0.5
CC135321		0.012	0.08	1.19	21	0.18	3.99	68	1.0
CC135322		<0.005	0.03	1.45	13	0.05	6.28	86	1.0
CC135323		0.016	0.04	1.13	22	0.24	5.23	79	0.7
CC135324		0.005	0.04	1.74	16	0.07	6.46	98	1.9
CC135325		<0.005	0.05	2.07	14	0.05	6.20	89	1.4
CC135326		<0.005	0.04	2.71	10	<0.05	8.12	153	1.5
CC135327		<0.005	0.05	1.41	8	0.06	9.65	116	10.3
CC135328		<0.005	0.05	1.13	15	0.05	4.58	91	1.1
CC135329		<0.005	0.05	2.74	13	<0.05	14.95	173	5.3
CC135330		<0.005	0.05	2.33	11	<0.05	9.61	116	2.5
CC135331		<0.005	0.03	2.04	7	<0.05	16.15	78	4.4
CC135332		<0.005	0.05	1.77	14	<0.05	5.91	98	2.2
CC135333		<0.005	0.03	1.87	10	<0.05	6.30	108	9.1
CC135334		0.006	0.06	1.44	16	0.10	6.10	86	3.2
CC135335		<0.005	0.05	1.48	13	0.05	6.71	83	1.5
CC135336		<0.005	0.04	0.84	15	<0.05	4.09	59	1.2
CC135337		<0.005	0.05	1.57	12	0.05	13.90	90	3.8
CC135338		0.009	0.07	2.05	23	0.15	5.83	99	1.5
CC135339		0.028	0.12	0.81	54	0.26	2.75	78	<0.5
CC135340		<0.005	0.09	1.67	2	<0.05	3.92	93	1.7
CC135341		0.010	0.06	0.62	18	0.56	7.57	49	1.1
CC135342		0.012	0.12	1.83	26	0.18	5.10	70	1.8
CC135343		0.009	0.06	1.67	18	0.13	6.09	78	2.5
CC135344		0.007	0.05	1.41	11	0.12	12.80	110	12.0
CC135345		0.007	0.04	1.50	14	0.10	19.90	78	2.5
CC135346		0.005	0.06	1.68	10	0.06	15.40	84	3.0
CC135347		0.011	0.07	1.56	16	0.13	11.35	100	2.8
CC135348		0.016	0.10	2.39	21	0.63	13.60	92	2.1
CC135349		<0.005	0.27	2.06	17	0.42	12.50	92	5.0
CC135350		0.024	0.13	0.86	34	0.73	4.45	72	0.7
ZZ15851		0.015	0.14	2.66	33	0.37	12.75	120	1.9
ZZ15852		0.024	0.08	1.39	26	0.36	7.30	103	2.1
ZZ15853		0.017	0.34	6.92	53	0.82	27.1	192	6.5
ZZ15854		0.027	0.07	1.38	28	0.42	7.84	112	1.9
ZZ15855		0.025	0.16	1.63	45	0.49	6.66	95	0.5



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL43 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
ZZ15856		0.24	0.001	0.07	1.03	103.0	<0.2	<10	110	0.31	0.53	0.27	0.15	61.1	7.6	16
ZZ15857		0.16	0.007	0.29	2.11	309	<0.2	<10	240	1.00	1.10	0.29	0.41	48.9	17.9	25
ZZ15858		0.28	0.004	0.07	1.33	161.0	<0.2	<10	60	0.36	0.59	0.07	0.31	50.0	11.5	20
ZZ15859		0.40	0.003	0.08	1.18	77.6	<0.2	<10	60	0.29	0.44	0.08	0.33	47.7	9.3	19
ZZ15860		0.14	0.004	0.32	1.73	79.7	<0.2	<10	280	0.76	0.42	0.13	0.60	61.2	37.9	20
ZZ15861		0.32	0.007	0.12	1.51	55.4	<0.2	<10	100	0.47	0.32	0.16	0.28	53.0	10.5	22
ZZ15862		0.30	0.003	0.09	1.53	57.5	<0.2	<10	90	0.37	0.36	0.09	0.24	49.9	8.7	22
ZZ15863		0.26	0.002	0.09	1.20	42.0	<0.2	<10	90	0.43	0.40	0.04	0.13	41.6	11.1	18
ZZ15864		0.36	0.865	0.12	1.44	49.5	<0.2	<10	90	0.54	0.39	0.12	0.13	52.8	9.5	24
ZZ15865		0.44	0.008	0.12	1.19	25.2	<0.2	<10	120	0.39	0.26	0.15	0.31	42.6	9.6	20



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ZZ15856		1.70	18.7	3.10	4.80	0.07	<0.02	0.01	0.019	0.04	34.6	18.5	0.28	517	1.21
ZZ15857		5.64	41.3	4.23	5.75	0.06	0.10	0.05	0.039	0.08	29.1	28.6	0.44	1380	1.57
ZZ15858		1.60	24.6	3.43	4.28	0.05	0.02	0.03	0.024	0.05	26.3	24.6	0.38	652	1.45
ZZ15859		1.48	24.1	3.54	5.63	0.07	<0.02	0.04	0.020	0.05	25.4	23.1	0.33	349	1.44
ZZ15860		1.52	40.0	3.50	4.83	0.08	0.05	0.07	0.029	0.07	31.0	25.9	0.41	2240	1.63
ZZ15861		1.01	28.9	3.43	4.71	0.06	0.04	0.02	0.022	0.05	26.9	27.9	0.49	436	1.57
ZZ15862		1.12	25.4	3.18	4.93	0.06	0.02	0.03	0.018	0.04	26.5	27.8	0.45	334	1.32
ZZ15863		1.66	32.5	3.75	3.67	0.05	0.02	0.03	0.021	0.04	23.1	20.2	0.31	352	1.13
ZZ15864		1.49	36.8	3.23	4.55	0.07	0.04	0.03	0.021	0.04	29.2	27.8	0.44	233	1.29
ZZ15865		0.87	27.3	2.95	3.95	0.07	0.02	0.03	0.020	0.04	22.8	22.4	0.42	400	1.36



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ZZ15856		0.27	17.1	730	19.3	6.4	<0.001	0.03	3.53	0.9	0.5	0.4	16.5	<0.01	0.03	1.2
ZZ15857		0.44	32.4	1390	42.4	12.3	<0.001	0.07	8.01	3.1	1.1	0.6	28.8	<0.01	0.04	3.1
ZZ15858		0.37	24.9	750	29.0	5.9	<0.001	0.03	5.22	1.3	0.3	0.4	7.9	<0.01	0.04	1.9
ZZ15859		0.43	21.7	750	21.8	6.7	<0.001	0.04	3.62	0.9	0.7	0.5	11.1	<0.01	0.04	0.9
ZZ15860		0.48	29.6	1240	54.9	8.3	<0.001	0.11	3.04	3.0	0.9	0.4	15.7	<0.01	0.04	2.9
ZZ15861		0.65	28.6	780	19.7	5.5	<0.001	0.02	2.89	2.6	0.7	0.4	16.0	<0.01	0.04	6.3
ZZ15862		0.50	25.4	660	18.2	6.4	<0.001	0.02	2.52	2.1	0.5	0.4	10.4	<0.01	0.04	2.6
ZZ15863		0.31	27.8	510	26.1	5.8	<0.001	0.02	2.30	1.8	0.6	0.4	10.0	<0.01	0.03	3.3
ZZ15864		0.50	29.1	680	26.1	5.9	<0.001	0.01	2.06	2.3	0.8	0.4	12.8	<0.01	0.05	5.2
ZZ15865		0.49	26.7	740	16.9	5.0	<0.001	0.01	1.77	2.6	0.8	0.3	15.1	<0.01	0.03	4.9



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Method	CERTIFICATE COMMENTS
ME- MS41	Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).