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ASSESSMENT REPORT

describing

GEOCHEMICAL SAMPLING

at the

OOO PROPERTY

OOO 1-16	YD34685-YD34700
17-44	YD56913-YD56940
45-52	YD58583-YD58590
53-68	YD122277-YD122292

NTS 115J/08

Latitude 62°26'N; Longitude 138°03'W

located in the

Whitehorse Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

CENTRAL RESOURCES CORP.
and
STRATEGIC METALS LTD.

by

A. Mitchell, B.Sc. Geology
February 2012

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INTRODUCTION

The OOO property lies near the centre of the Dawson Range Gold Belt of western Yukon (Figure 1). Exploration in 2011 focused on evaluating its potential for precious metal rich veins and porphyry style mineralization. Central Resources Corp. can earn a 100% interest in the property subject to an option agreement with Strategic Metals Ltd.

This report describes an exploration program that was conducted by Archer, Cathro & Associates (1981) Limited in summer 2011 on behalf of Central Resources. The work was performed between August 1 and 19 and involved geochemical sampling. The author interpreted all data from this project and his Statement of Qualifications is in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The OOO property consists of 68 contiguous mineral claims, which are located on NTS map sheet 115J/8 at latitude 62°26' north and longitude 138°03' west (Figure 1). The property covers an area of approximately 1377 ha (14 sq km). The claims are registered with the Whitehorse Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic. 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>
OOO 1-16	YD56485-YD56520	April 15, 2019
17-44	YD56913-YD56940	April 15, 2019
45-52	YD58583-YD58590	April 15, 2019
53-68	YD122277-YD122292	April 15, 2016

* Expiry dates include 2011 work that has not yet been filed for assessment credit.

Daily access to and from the property was provided by a Bell 206B helicopter owned and operated by Capital Helicopters (1995) Inc. of Whitehorse, from a temporary base at Rockhaven Resources Ltd.'s Klaza property located near the former Mount Nansen Mine. The Klaza property lies 55 km to the southeast of the OOO property and 70 km by road west of the community of Carmacks.

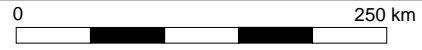
HISTORY AND PREVIOUS WORK

In 1969, Archer Cathro performed regional exploration in the Dawson Range district for the Dawson Range Joint Venture (Cathro, 1974). During that exploration program seven stream sediment samples were collected from the current OOO property. Those samples were analyzed for copper, molybdenum and lead. Values up to 92 ppm copper, 1 ppm molybdenum and 430 ppm lead was reported for those samples. No gold analyses were done during this program.

In 1970, London Pride Silver Mines Ltd. staked claims to cover the current OOO property. There is no record of the work performed on those claims (Deklerk and Traynor, 2005).

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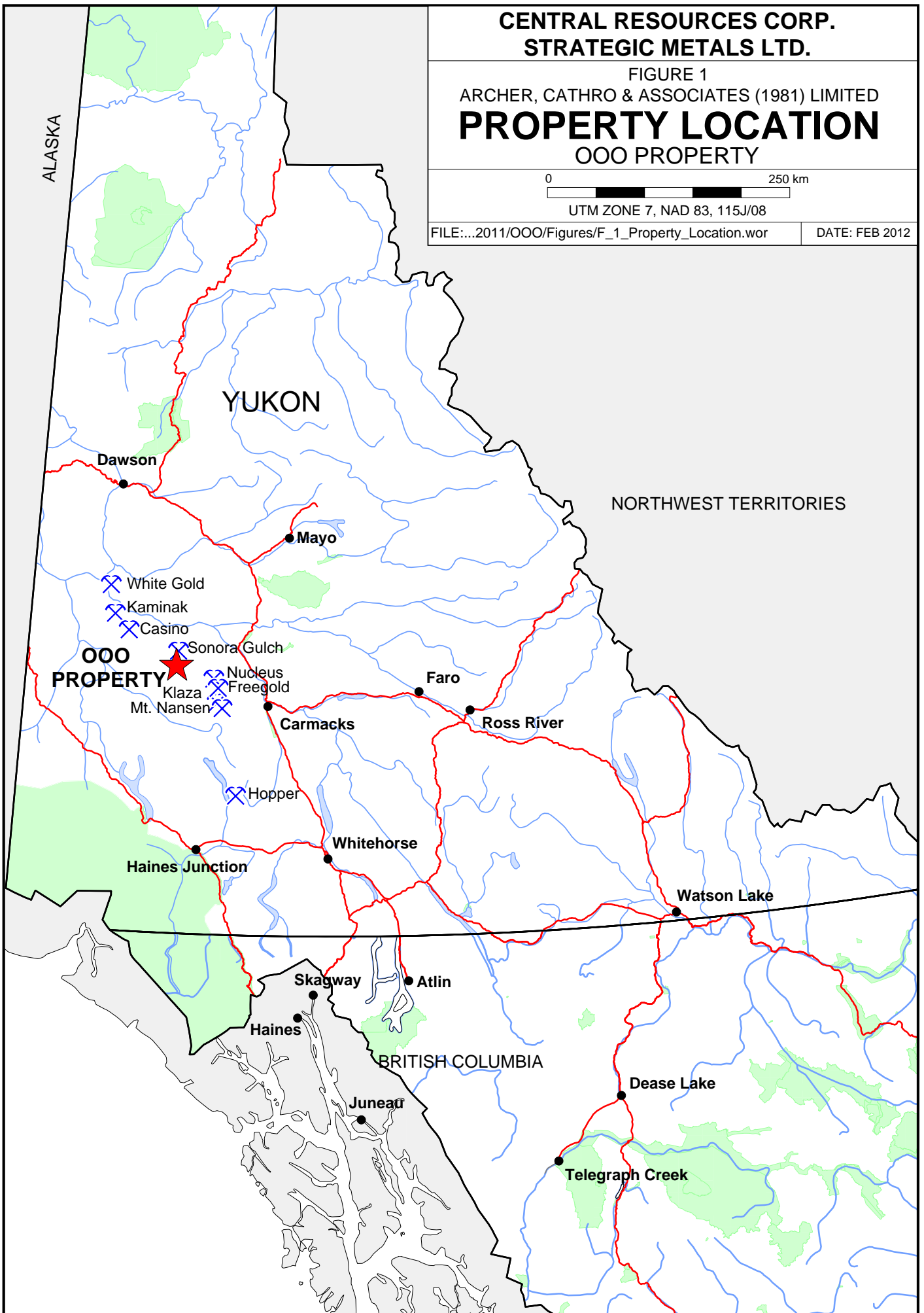
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
OOO PROPERTY

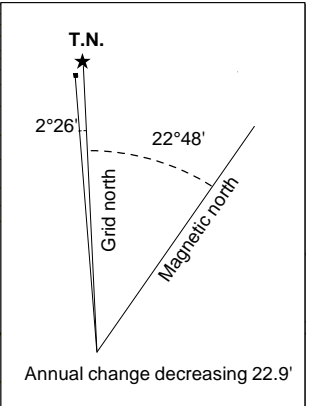
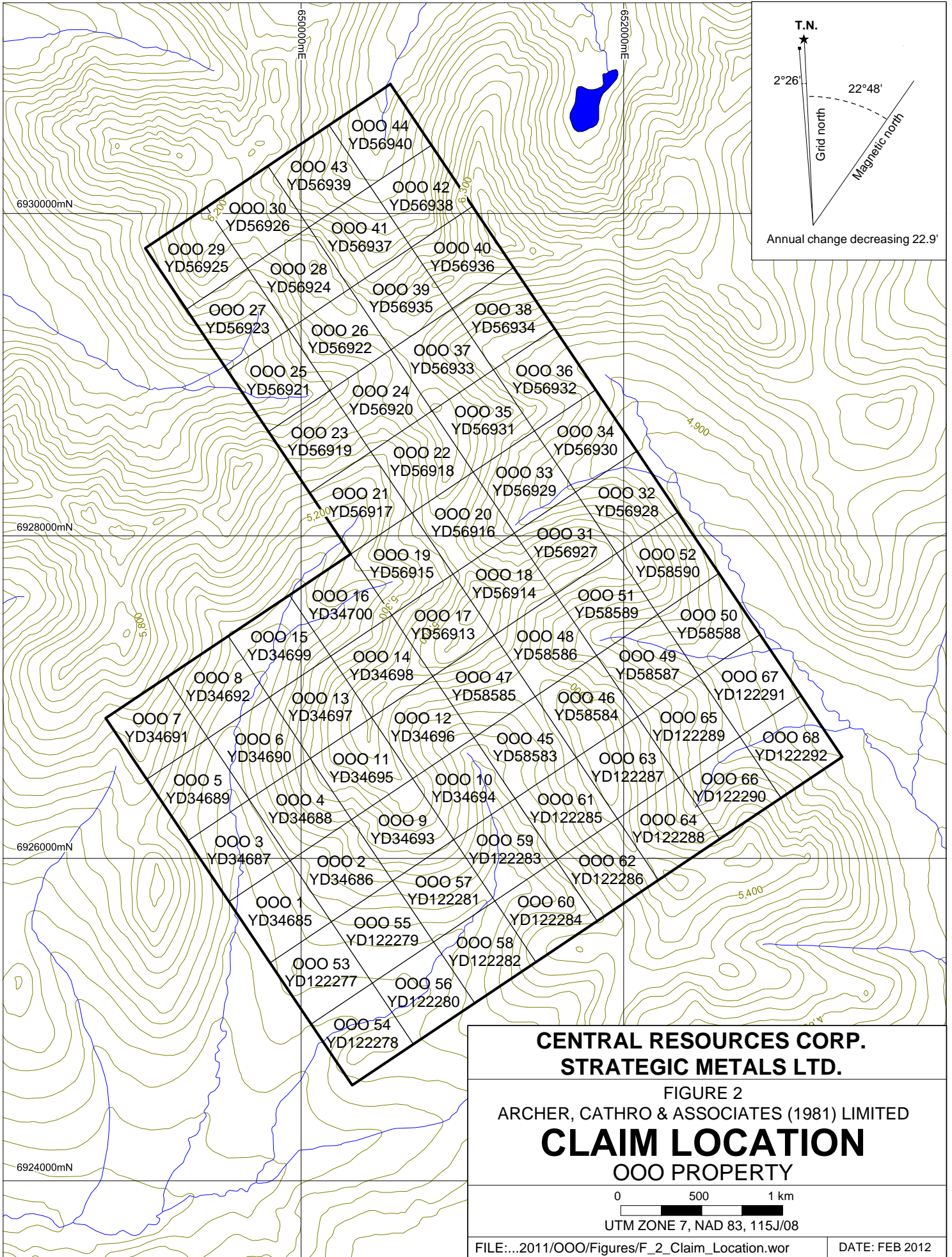


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In 1980, Archer Cathro once more did work in the Dawson Range – now on behalf of the NAT Joint Venture (NAT JV), which comprised Chevron Canada Limited and Armco Mineral Exploration Ltd. Part of the NAT JV program involved reanalyses of splits from over 5000 previously collected samples for gold, silver, arsenic and lead, plus follow up geochemical sampling. Seven rock samples were collected from the area of the OOO property during the 1980 NAT JV field program. The rock samples yielded up to 0.24 g/t gold, 140 g/t silver, 850 ppm lead and greater than 500 ppm arsenic, while the soil samples returned up to 300 ppb gold, 160 g/t silver, 3600 ppm lead and 501 ppm arsenic. Seven stream sediment samples were collected from the OOO property by NAT JV. Those samples returned up to 128 ppb gold, 20 ppm silver, 420 ppm lead and 215 ppm arsenic (Archer and Onasick, 1980). The area covered by the current OOO property was staked by NAT JV as part of its Lilypad property, based on the results of the 1980 field work.

In 1981, NAT JV continued to work in the Dawson Range with additional regional exploration and programs at various properties. Exploration on the Lilypad property in the area of the OOO claims included additional rock, soil and stream sediment sampling. Six rock samples taken that year returned up to 6.55 g/t gold, 1936 g/t silver, 65.1% lead and 640 ppm arsenic; 25 soil samples yielded up to 190 ppb gold, 942 ppm silver, 1.25% lead and 360 ppm arsenic; and one stream sediment sample returned 2 ppb gold, 12 ppm silver, 84 ppm lead and 84 ppm arsenic. Prospecting identified a number of mineralized quartz veins within linear depressions on ridges. These veins comprised chalcedonic, drusy or massive quartz with galena, chalcopyrite, sphalerite and pyrite and rare arsenopyrite, barite, fluorite and witherite. Fracture surfaces are typically coated with manganese, hematite and limonite staining (Archer and Onasick, 1981).

In 2010, a total of 148 soil samples were collected (Smith, 2010). These samples returned: background to strongly anomalous values for gold (up to 291 ppb), arsenic (up to 587 ppm) and lead (up to 801 ppm); and background to moderately anomalous values for silver (up to 6 ppm).

In December, 2010 Strategic staked an additional 15 claims based on both the historical and 2010 geochemical results. Central Resources signed an optional purchase agreement with Strategic in June 2010.

GEOMORPHOLOGY AND CLIMATE

The OOO property is situated in the central part of the Dawson Range and covers a system of ridges centered on Apex Mountain. The area is drained by the Selwyn and Klotassin Rivers and Apex and Big Creeks, all of which connects to the Pacific Ocean via the Yukon River. Most of the Dawson Range escaped Pleistocene glaciation and, as a result, the landscapes are usually mature with dendritic drainages forming radial fans off the flanks of upland domes. Localized alpine glaciers in the Apex Mountain area carved cirques on the north side of some ridges.

Elevations range from about 1280 to 1980 m above sea level. The property is characterized by steep hillsides that are blanketed by scree or felsenmeener surrounding patches of grass growing on thin layers of soil. Lower elevations and valley bottoms are lightly treed with black spruce and dwarf birch.

Due to the extensive scree and felsenmeener cover, the soil profile on the OOO property is different than most other areas in the Dawson Range. It typically comprises a discontinuous, up to 10 cm thick layer of 2000 year old volcanic ash sitting on loess mixed with soliflucted C-horizon soil, which overlies a layer of C-horizon residual soil. A cover of partially decomposed organics occurs at elevations below about 1350 m.

Climate in the OOO area is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and short, mild summers. Although summers are relatively mild, arctic cold fronts often cover the area and snowfall can occur in any month. Local annual precipitation is less than 50 cm and snow thickness is correspondingly low. The property is usually snow free from late May until late September.

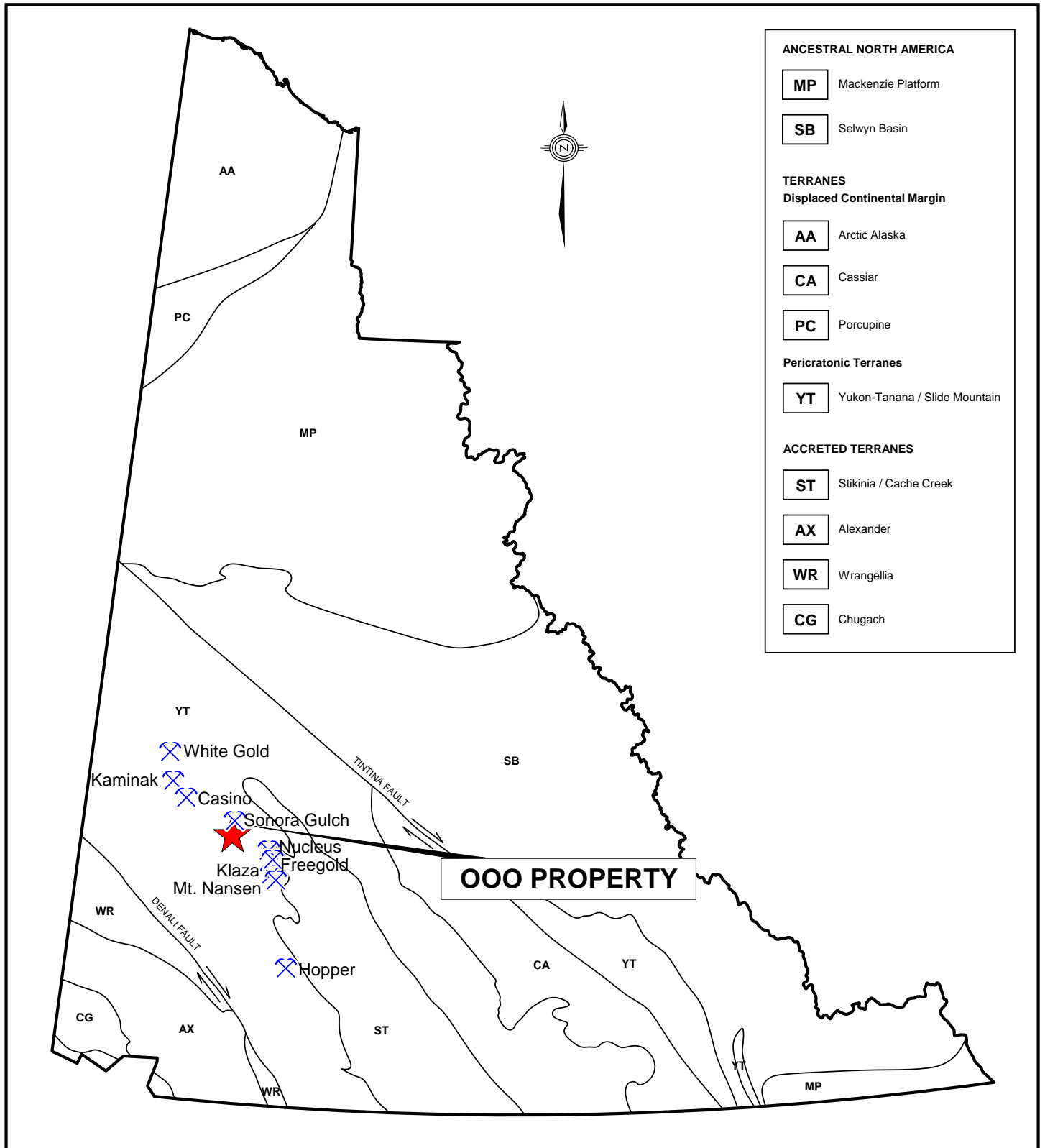
GEOLOGICAL SETTING

In 1973, the Geological Survey of Canada (GSC) published a geological map of the Snag area (NTS map sheet 115J) at 1:250,000 scale (Tempelman-Kluit, 1974). Gordey and Makepeace (2003) later completed a Yukon-wide geological compilation, which updated lithological unit names in the OOO area.

The OOO property is located within the Yukon-Tanana Terrane (YTT) as shown on Figure 3. The YTT represents a continental arc that developed along the ancient Pacific margin of North America from Late Devonian to Permian. Figure 4 illustrates geology as compiled by Gordey and Makepeace (2003). The main lithological units are described in the Table I.

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

Map Suite	Age	Map Unit	Description
Prospector Mountain Suite	Late Cretaceous to Tertiary	LKP	Grey, fine to coarse grained, massive, granitic rocks of felsic composition and related quartz-feldspar porphyry dykes.
Carmacks Group	Upper Cretaceous	uKC1	A volcanic succession dominated by basic volcanic strata; augite-olivine basalt and breccia; hornblende-feldspar porphyry, andesite and dacite flows; vesicular, augite phyric andesite and trachyte; minor sandy tuff, granite boulder conglomerate, agglomerate and associated epiclastic rocks.
		uKC2	Acid vitric crystal tuff, lapilli tuff and welded tuff including feeder plugs and necks; felsic volcanic flow rocks and quartz-feldspar porphyries; green and purple massive tuff breccia with feldspar phyric fragments.
Whitehorse Suite	Mid-Cretaceous	mKgW	Biotite-hornblende granodiorite, hornblende-quartz diorite and hornblende diorite; leucocratic, biotite-hornblende granodiorite with sparse grey-pink potassium feldspar phenocrysts.



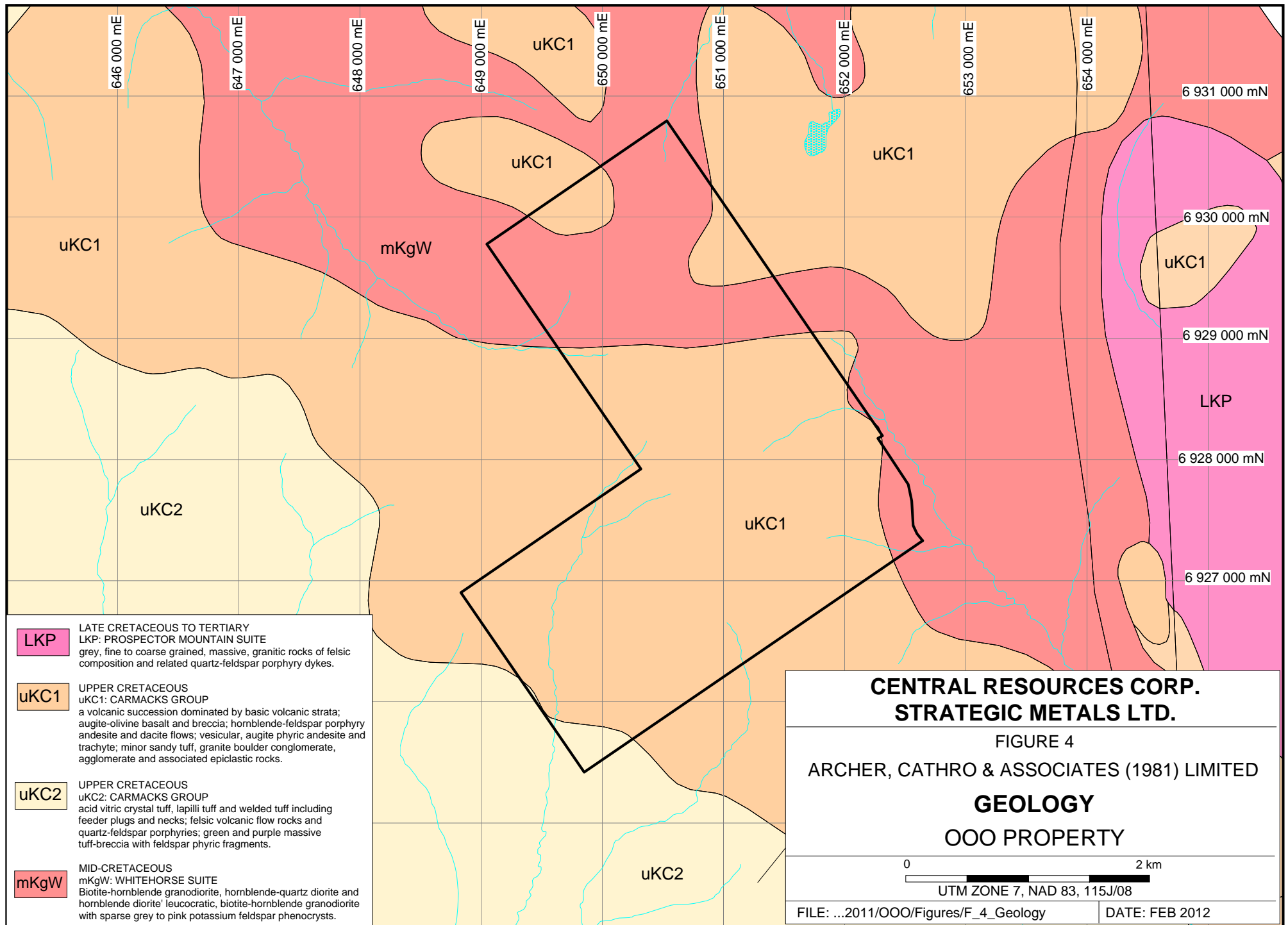
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FIGURE 3
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
TECTONIC SETTING
OOO PROPERTY

0 200 km

UTM ZONE 7, NAD 83, 115J/08

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PROPERTY GEOLOGY

Some detailed geological mapping was done on parts of the current OOO property in 1981 when NAT JV explored its Lilypad property. The following descriptions incorporate that mapping and work performed by GSC and Yukon Geological Survey (YGS).

The OOO property is underlain by Mid-Cretaceous Whitehorse Suite granodiorite to syenite consisting of 70% potassium feldspar, 20% biotite, 15% plagioclase and 5% quartz. This suite is capped by Upper Cretaceous Carmacks Group intermediate to basic volcanic rocks that include lapilli tuffs, augite-olivine basalt and breccia, hornblende-feldspar porphyry, and andesitic and dacitic flows. The volcanic breccias, tuffs and flows in the Apex Mountain area are typically dark grey weathering, thin-bedded to massive and commonly fragmental.

The dominant structural feature in the vicinity of the OOO property is the Big Creek Fault. It strikes northwesterly from the Freegold Mountain area near Carmacks along Big and Hayes Creeks to the Yukon River, a distance of about 145 km. This fault is a poorly understood feature but appears to have played an important role metallogenically. Most of the porphyry and vein deposits in the Dawson Range occur along its southwest side, including Mount Freegold (Northern Freegold Resources Ltd.), Nucleus (Northern Freegold), Cash (First Nation Lands), Prospector Mountain – historically Lilypad (Tarsis Capital Corp.), Mt. Cockfield (First Nation Lands) and Casino (Western Copper Corporation). All of these porphyry and vein systems contain gold and most contain copper, silver and molybdenum.

MINERALIZATION AND ROCK GEOCHEMISTRY

Mineralization at the OOO property is hosted within quartz veins found in recessive linears on ridge tops. Due to the recessive nature of the mineralized veins, they are often obscured by, and interspersed with, blocky country-rock talus. Results from historical rock sampling are displayed in Table II below.

Table II – Historical Rock Geochemistry

Sample Type	Element	Low (ppm)	High (ppm)	Average (ppm)
1980 Rock	Gold	1	235	41
	Silver	1	140	21
	Arsenic	2	501	101
	Lead	14	850	162
1981 Rock	Gold	7	6545	1562
	Silver	5	1936	347
	Arsenic	nil	640	147
	Lead	243	651,000	83,677

STREAM SEDIMENT AND SOIL GEOCHEMISTRY

Previous geochemical surveys on the OOO property comprised widely spaced reconnaissance soil and stream sediment samples. Over the years, samples were analyzed for all or some of the following elements: gold, arsenic, silver, copper, molybdenum, lead and zinc. Results from historical programs returned weakly to strongly anomalous values for gold, silver, arsenic and lead (Table III).

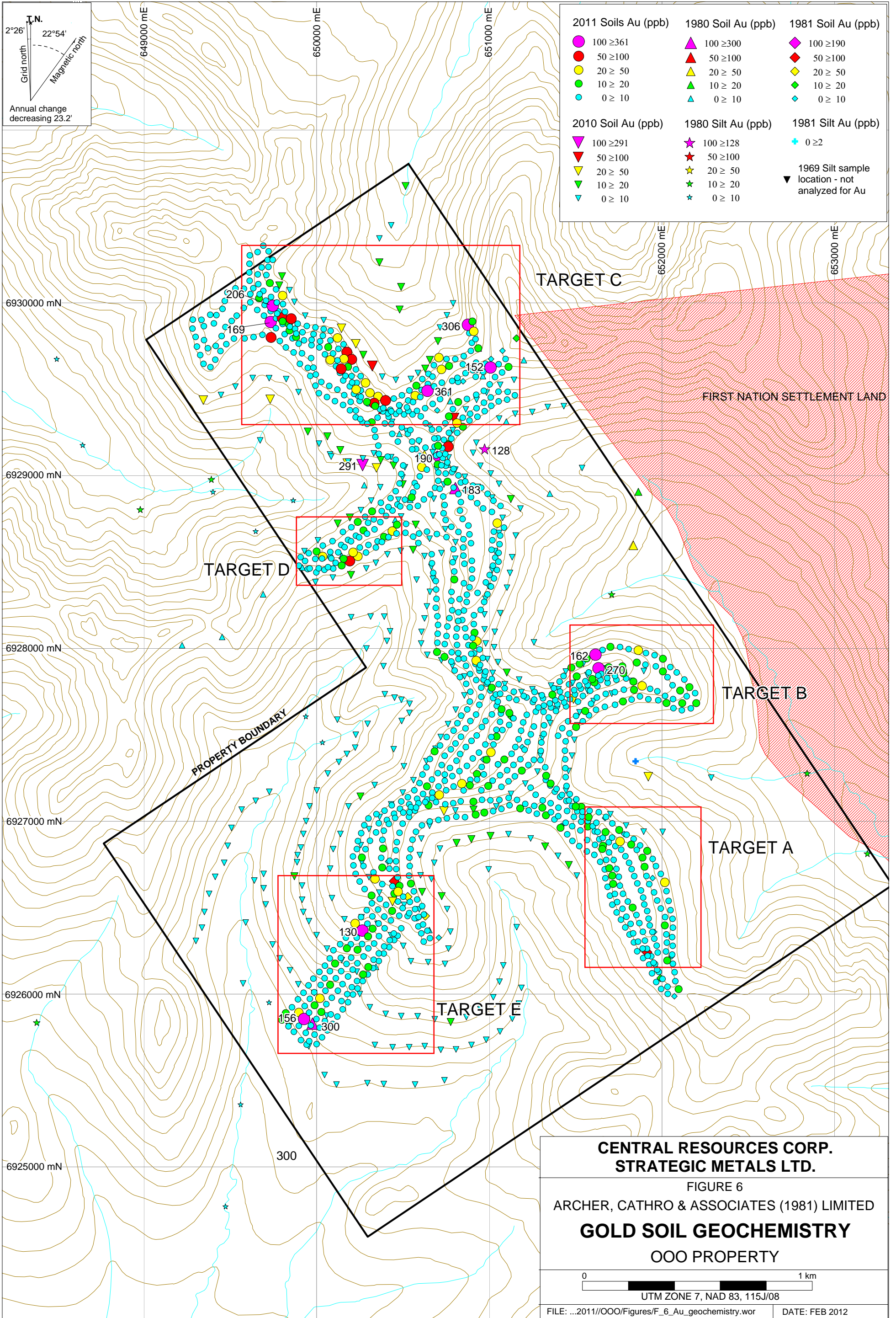
Table III – Historical Stream Sediment and Soil Geochemistry

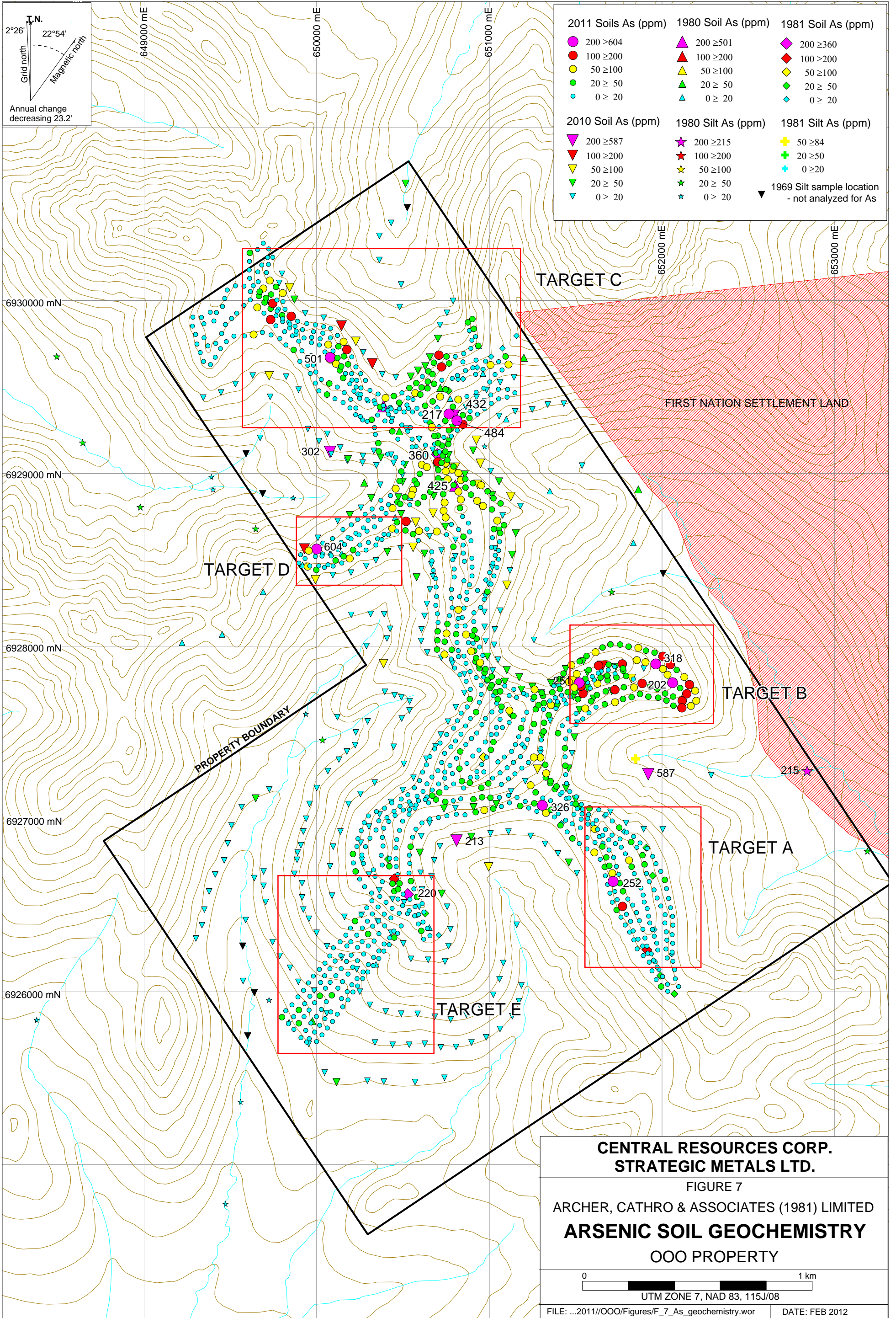
Sample Type	Element	Low (ppm)	High (ppm)	Average (ppm)
1980 Soil	Gold	nil	0.300	0.026
	Silver	1	160	9
	Arsenic	nil	501	56
	Lead	16	3600	227
1981 Soil	Gold	nil	0.190	0.017
	Silver	1	942	57
	Arsenic	11	360	47
	Lead	6	12,500	962
1969 Stream Sediment	Lead	27	430	139
1980 Stream Sediment	Gold	nil	0.128	0.013
	Silver	1	20	4
	Arsenic	nil	215	27
	Lead	18	420	94
1981 Stream Sediment	Gold	n/a	0.002	n/a
	Silver	n/a	12	n/a
	Arsenic	n/a	84	n/a
	Lead	n/a	84	n/a
2010 Soil	Gold	nil	0.291	0.006
	Silver	0.1	6.7	0.4
	Arsenic	2	587	26
	Lead	8	801	62

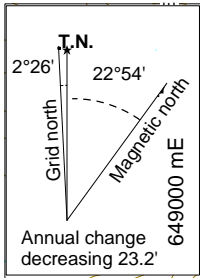
In 2011, 1144 soil samples were collected from the property. Soil sample locations are plotted on Figure 5, while results for gold, arsenic, silver, lead, copper, zinc, molybdenum, antimony, and bismuth are illustrated thematically on Figures 6 to 14, respectively. Certificates of Analysis are provided in Appendix II.

Soil sample locations were recorded using hand-held GPS units. 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. Soil samples were collected from 10 to 30 cm deep holes dug by hand-held auger. They were placed into individually pre-numbered Kraft paper bags.

The soil samples were sent to ALS Chemex in Whitehorse, where they were dried, screened to -180 microns, dissolved in aqua regia solution and then analyzed for 35 elements using the



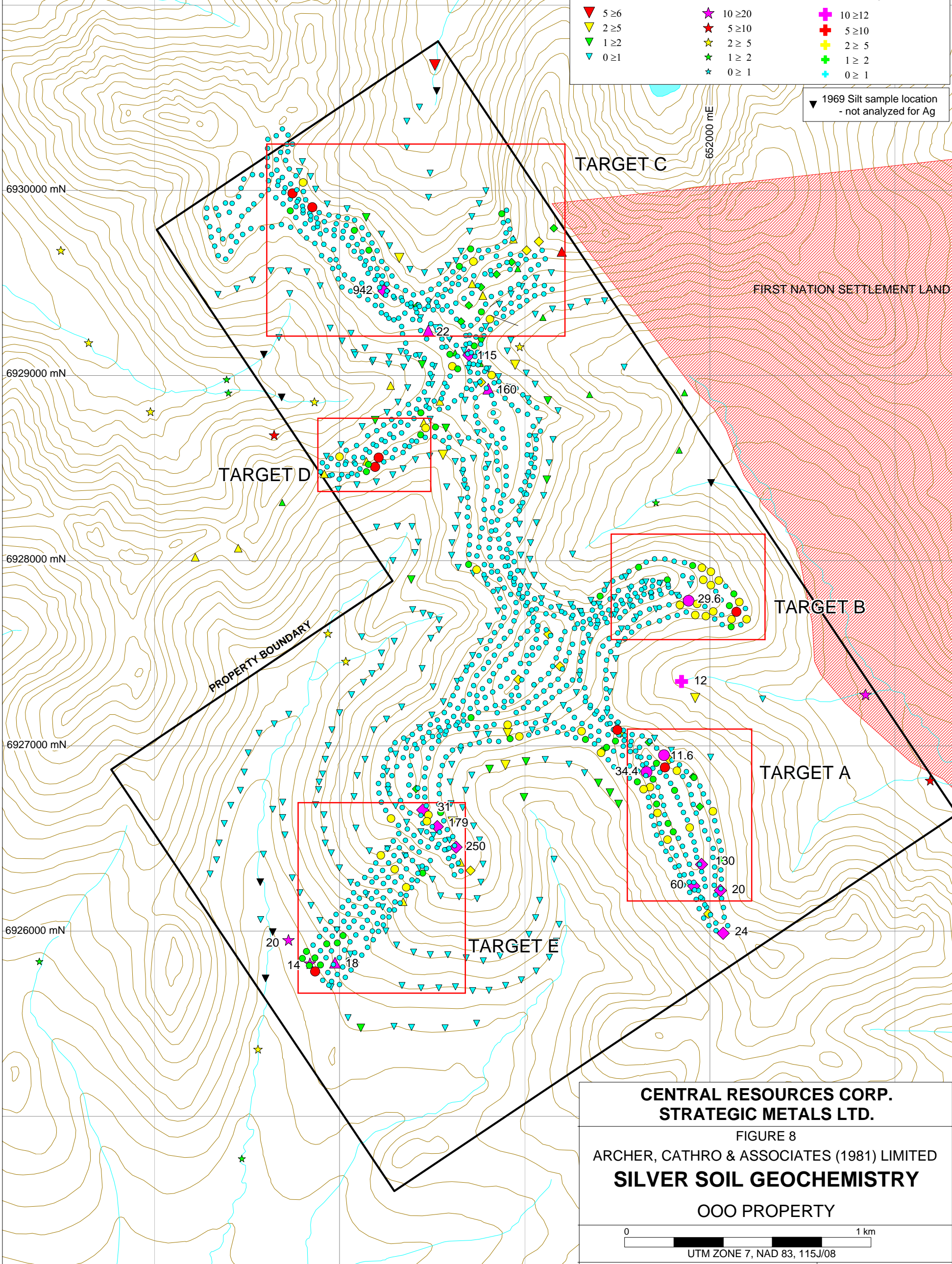




2011 Soils Ag (ppm)	1980 Soil Ag (ppm)	1981 Soil Ag (ppm)
● 10 ≥ 38.4	▲ 10 ≥ 160	◆ 10 ≥ 942
● 5 ≥ 10	▲ 5 ≥ 10	◆ 5 ≥ 10
● 2 ≥ 5	▲ 2 ≥ 5	◆ 2 ≥ 5
● 1 ≥ 2	▲ 1 ≥ 2	◆ 1 ≥ 2
● 0 ≥ 1	▲ 0 ≥ 1	◆ 0 ≥ 1

2010 Soil Ag (ppm)	1980 Silt Ag (ppm)	1981 Silt Ag (ppm)
▼ 5 ≥ 6	★ 10 ≥ 20	✚ 10 ≥ 12
▼ 2 ≥ 5	★ 5 ≥ 10	✚ 5 ≥ 10
▼ 1 ≥ 2	★ 2 ≥ 5	✚ 2 ≥ 5
▼ 0 ≥ 1	★ 1 ≥ 2	✚ 1 ≥ 2
	★ 0 ≥ 1	✚ 0 ≥ 1

▼ 1969 Silt sample location - not analyzed for Ag

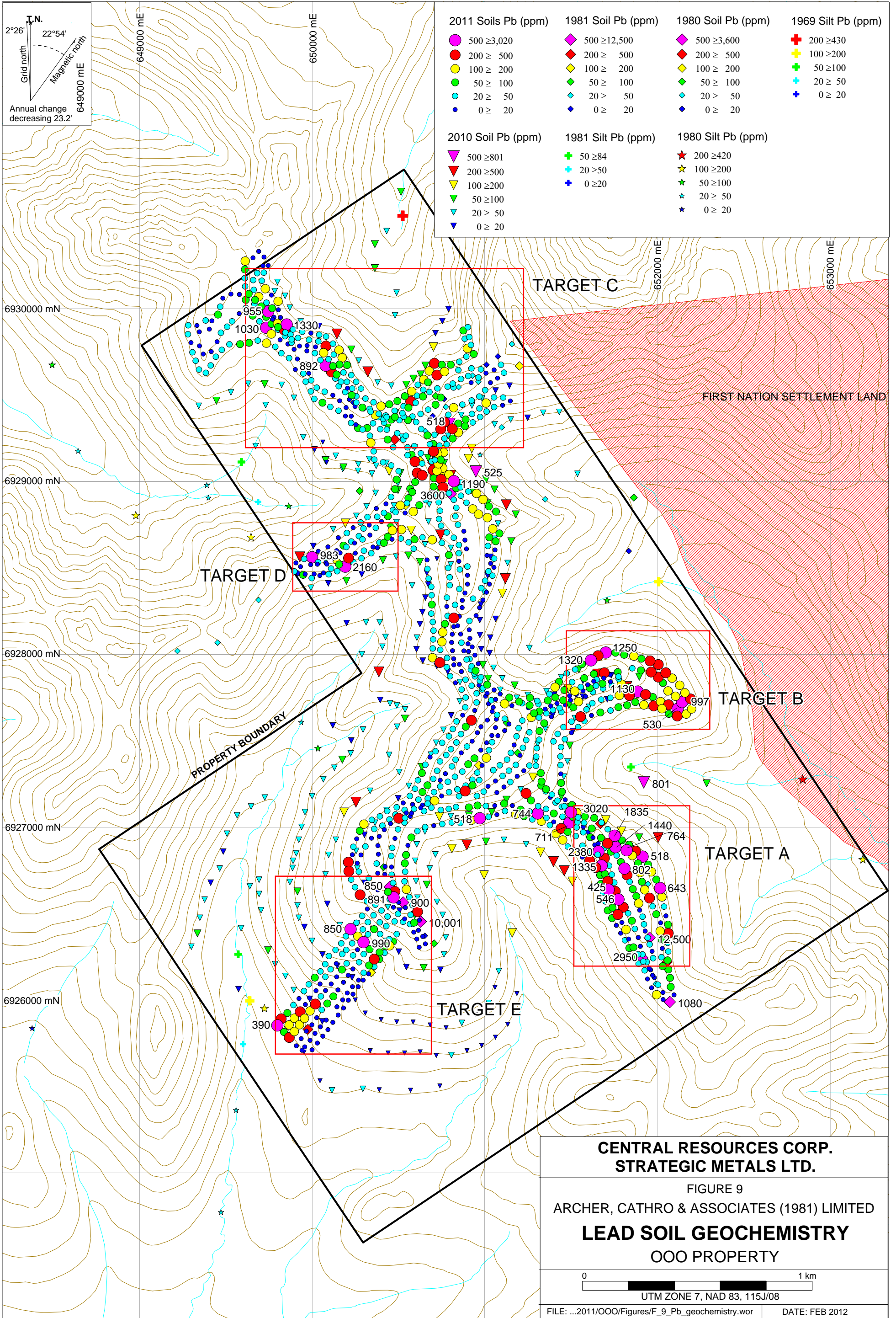


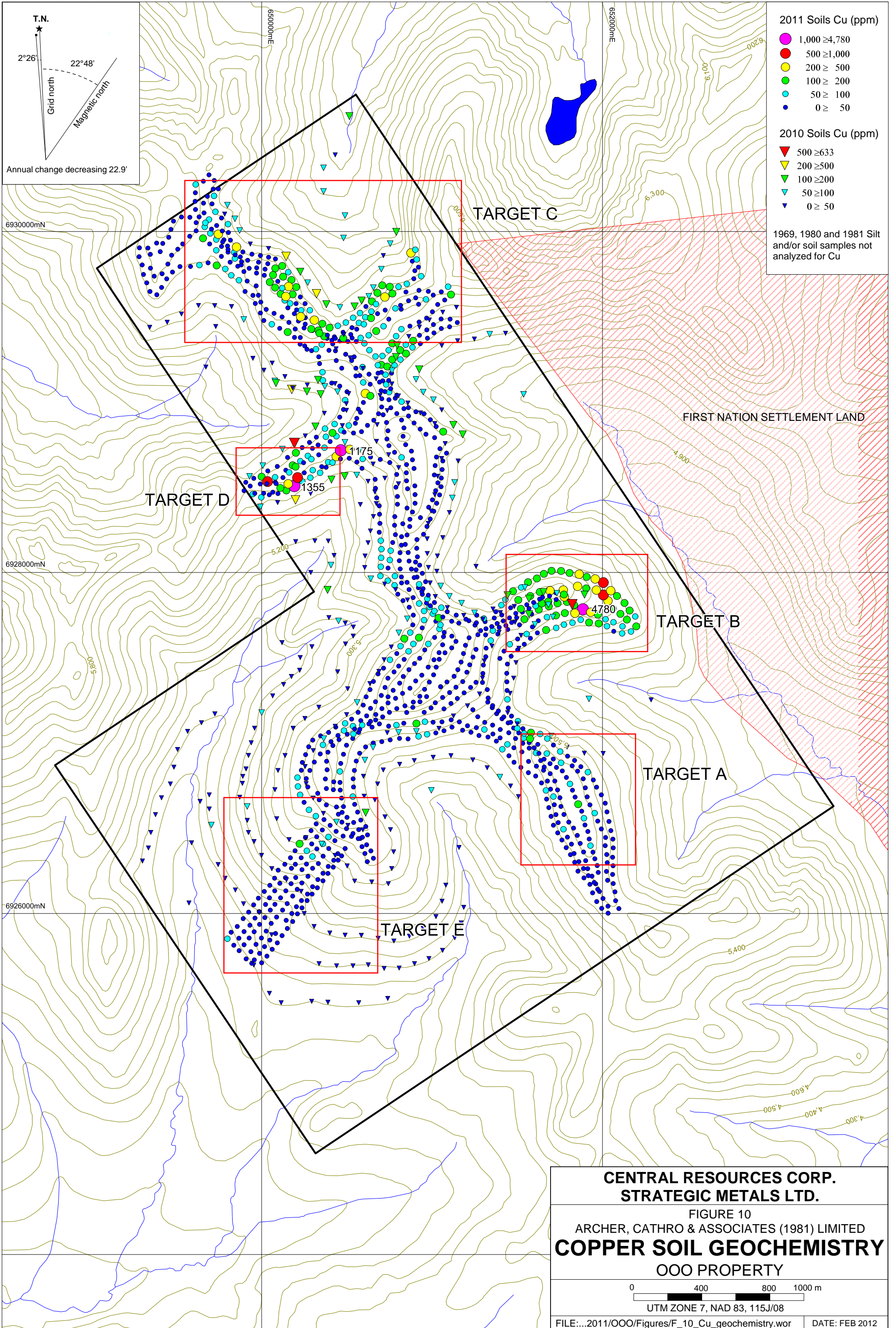
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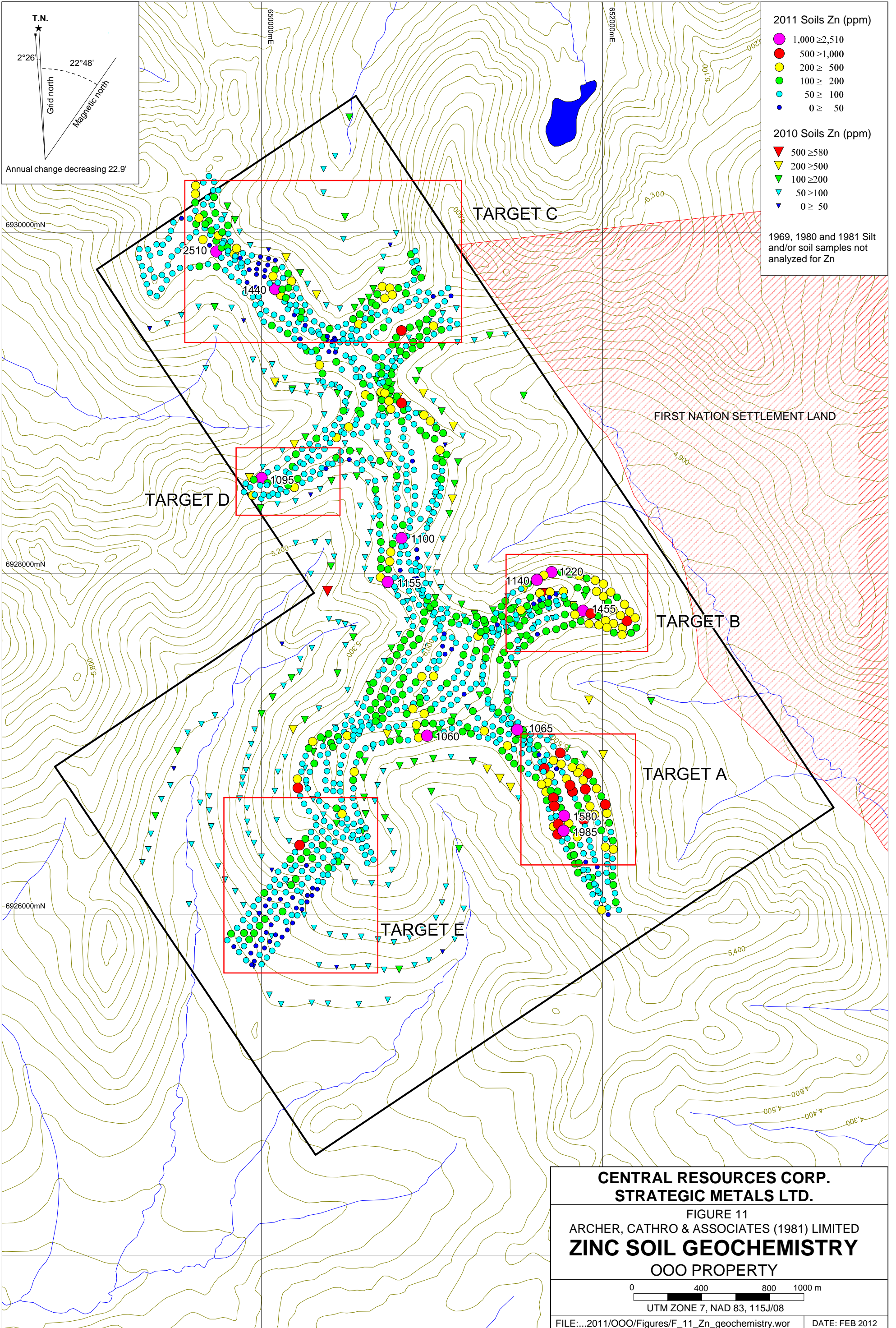
FIGURE 8
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SILVER SOIL GEOCHEMISTRY
OOO PROPERTY

0 1 km
UTM ZONE 7, NAD 83, 115J/08

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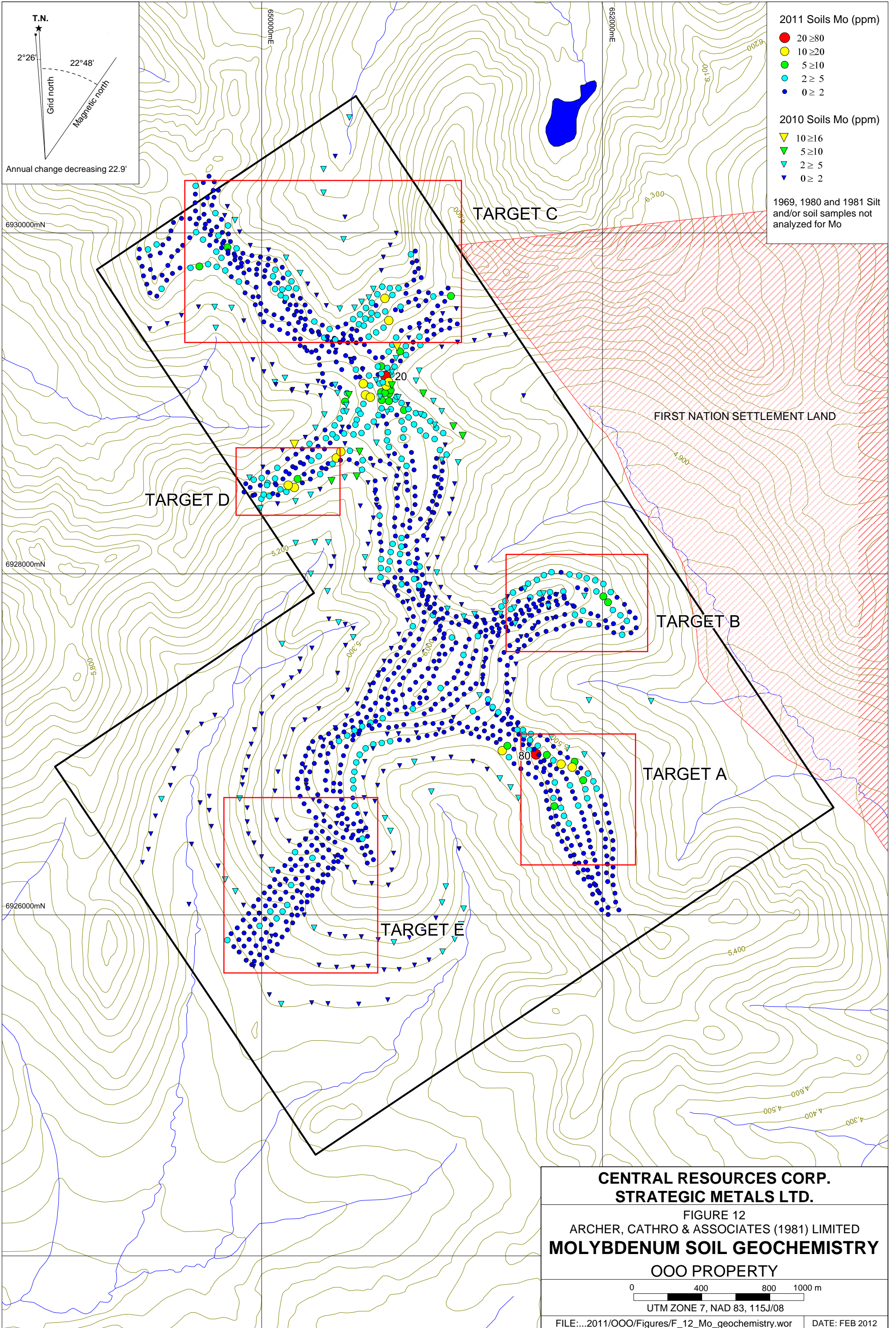
FIGURE 11
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ZINC SOIL GEOCHEMISTRY
OOO PROPERTY

0 400 800 1000 m

UTM ZONE 7, NAD 83, 115J/08

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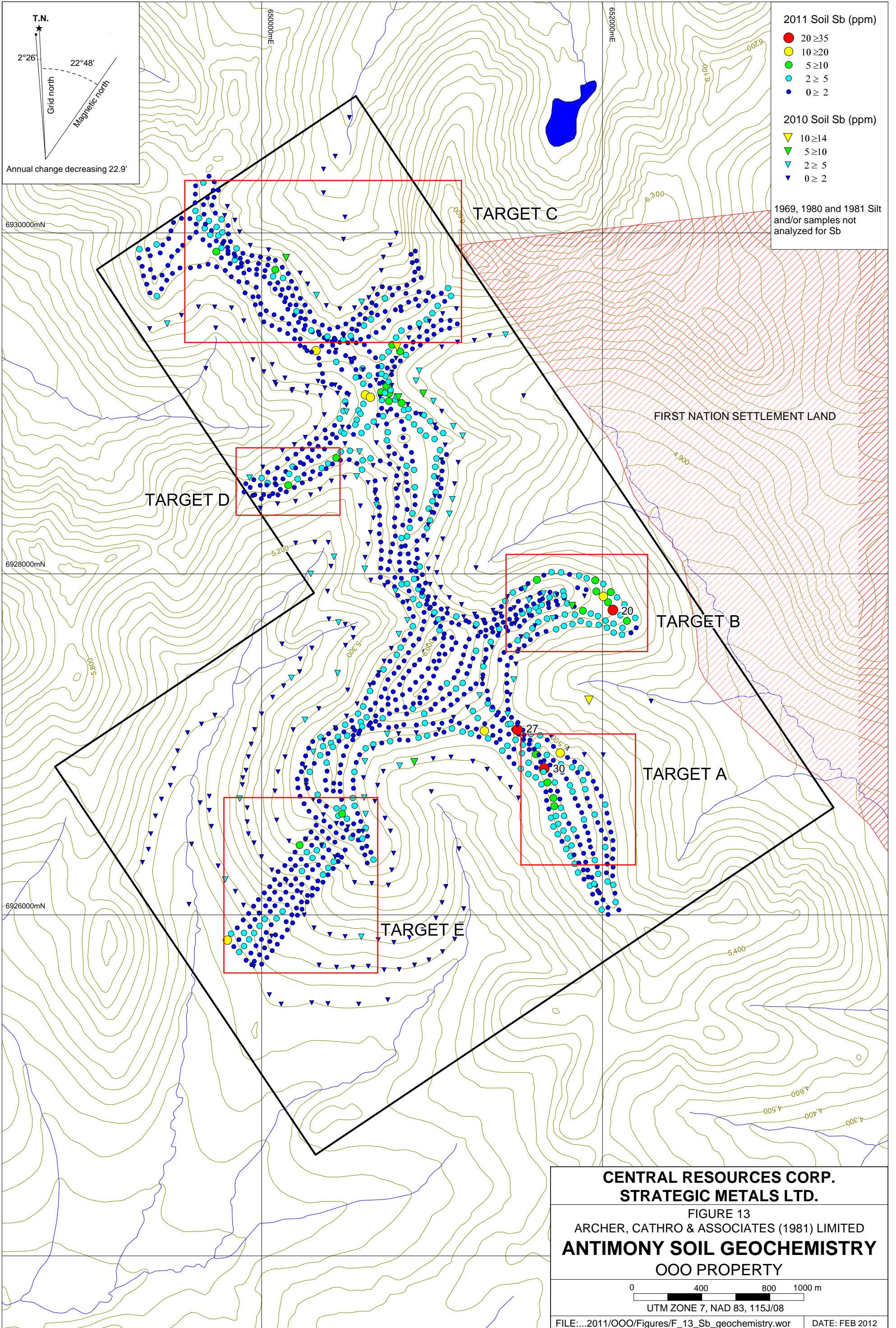


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FIGURE 12
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
MOLYBDENUM SOIL GEOCHEMISTRY
OOO PROPERTY

0 400 800 1000 m
UTM ZONE 7, NAD 83, 115J/08

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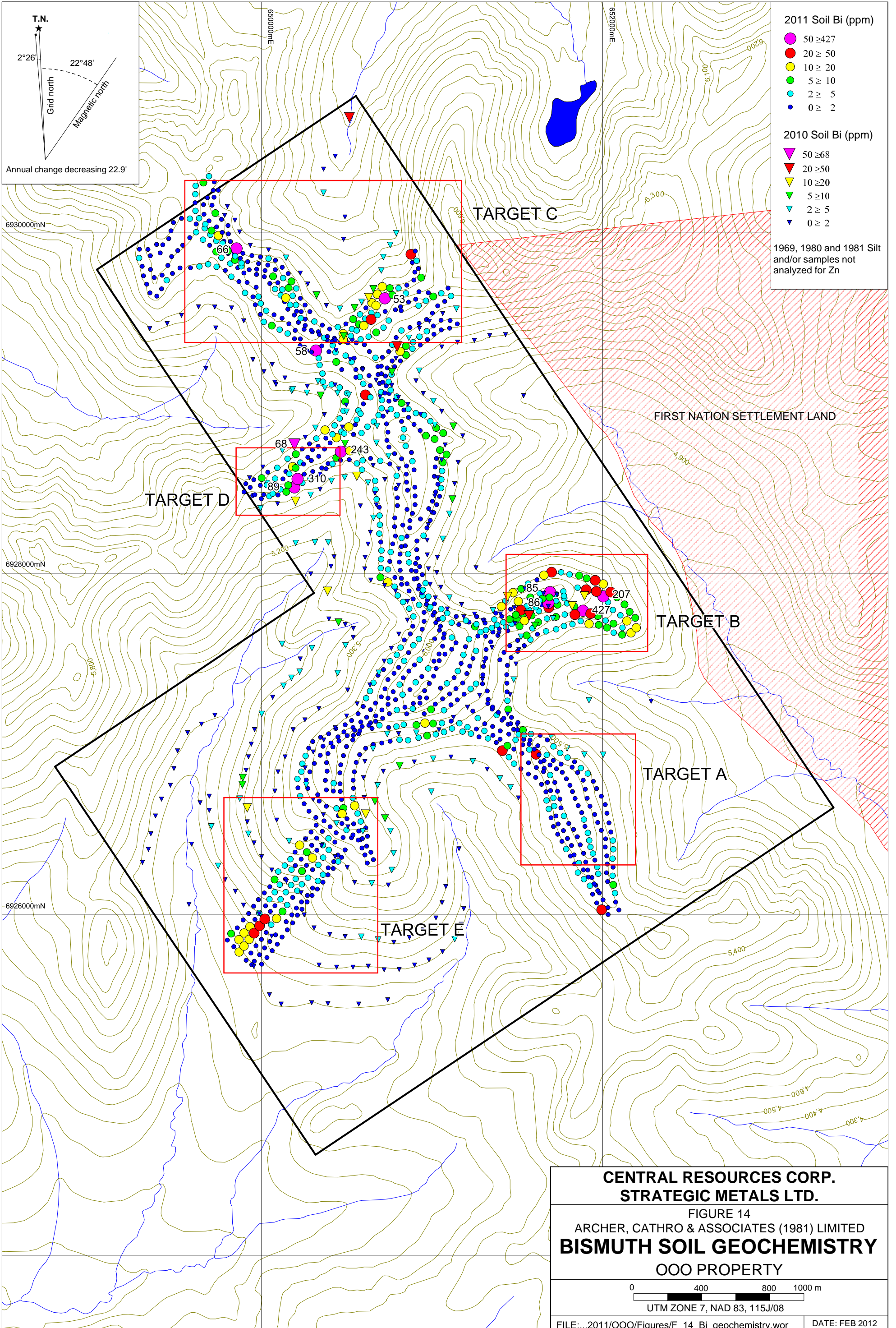


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FIGURE 13
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ANTIMONY SOIL GEOCHEMISTRY
OOO PROPERTY

0 400 800 1000 m
UTM ZONE 7, NAD 83, 115J/08

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2011 Soil Bi (ppm)

- 50 ≥ 427
- 20 ≥ 50
- 10 ≥ 20
- 5 ≥ 10
- 2 ≥ 5
- 0 ≥ 2

2010 Soil Bi (ppm)

- ▼ 50 ≥ 68
- ▼ 20 ≥ 50
- ▼ 10 ≥ 20
- ▼ 5 ≥ 10
- ▼ 2 ≥ 5
- ▼ 0 ≥ 2

1969, 1980 and 1981 Silt and/or samples not analyzed for Zn

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FIGURE 14
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BISMUTH SOIL GEOCHEMISTRY
OOO PROPERTY

0 400 800 1000 m
UTM ZONE 7, NAD 83, 115J/08

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inductively coupled plasma with atomic emission spectroscopy technique (ME-ICP41). An additional 30 g charge was further analysed for gold by fire assay with inductively coupled plasma-atomic emissions spectroscopy finish (Au-ICP21).

The 2011 sampling identified five multi-element soil geochemical anomalies (Targets A to E). All targets exhibit weakly to very strongly anomalous values for gold with moderately to strongly anomalous arsenic ± silver ± lead ± copper ± zinc ± molybdenum ± antimony ± bismuth values. Anomalous thresholds values for soils are listed in Table IV.

Table IV – Geochemical Thresholds for Soil Samples

Element	Anomalous Thresholds				
	Weak	Moderate	Strong	Very Strong	Peak
Gold (ppb)	10 < 50	≥ 20 < 50	≥ 50 < 100	≥ 100	361
Arsenic (ppm)	20 < 50	≥ 50 < 100	≥ 100 < 200	≥ 200	604
Silver (ppm)	1 < 2	≥ 2 < 5	≥ 5 < 10	≥ 10	38.4
Lead (ppm)	50 < 100	≥ 100 < 200	≥ 200 < 500	≥ 500	3020
Copper (ppm)	100 < 200	≥ 200 < 500	≥ 500 < 1000	≥ 1000	4780
Zinc (ppm)	100 < 200	≥ 200 < 500	≥ 500 < 1000	≥ 1000	2510
Molybdenum (ppm)	5 < 10	≥ 10 < 20	≥ 20 < 50	≥ 50	80
Antimony (ppm)	5 < 10	≥ 10 < 20	≥ 20	n/a	35
Bismuth (ppm)	5 < 10	≥ 10 < 20	≥ 20 < 50	≥ 50	427

Table V – Relative Strength, Distribution and Peak Values for Soil Geochemical Targets

Element	Target A		
	Relative Strength/ Distribution	Historic Peak Value	2011 Peak Value
Gold (ppb)	weak/sporadic	63	23
Arsenic (ppm)	moderate/sporadic	145	252
Silver (ppm)	strong/three to four north-easterly-trending linear features	130	34.4
Lead (ppm)	strong/semi-elliptical cluster	12,500	3020
Copper (ppm)	background	–	107
Zinc (ppm)	strong/rectangular cluster	–	1985
Molybdenum (ppm)	moderate/sporadic	–	80
Antimony (ppm)	weak/sporadic	–	35
Bismuth (ppm)	background	–	26

Element	Target B		
	Relative Strength/ Distribution	Historic Peak Value	2011 Peak Value
Gold (ppb)	strong/two adjacent northerly-trending samples	–	270
Arsenic (ppm)	strong/three clusters (largest in eastern part of target)	–	318
Silver (ppm)	moderate/rectangular cluster	–	29.6
Lead (ppm)	strong/large rectangular cluster (east-central part of target) and small elongate cluster (northwest part of target)	–	1320
Copper (ppm)	strong/circular	–	4780
Zinc (ppm)	strong/large rectangular cluster (eastern part of target) and small circular cluster (northwest part of target)	–	1455
Molybdenum (ppm)	background/sporadic	–	7
Antimony (ppm)	weak/sporadic	–	20
Bismuth (ppm)	strong/large rectangular cluster with few small sporadic clusters	–	427
Element	Target C		
	Relative Strength/ Distribution	Historic Peak Value	2011 Peak Value
Gold (ppb)	strong/two sub-parallel north-easterly-trending linear features, clusters and shotgun patterned	60	361
Arsenic (ppm)	strong/two sub-parallel north-easterly-trending linear features, small elliptical cluster and sporadic	501	501
Silver (ppm)	moderate/shotgun pattern	942	7.9
Lead (ppm)	strong/small sporadic circular to elliptical clusters	430	1330
Copper (ppm)	weak/sporadic	–	370
Zinc (ppm)	moderate/dominantly sporadic with few small circular clusters	–	2510
Molybdenum (ppm)	background/sporadic	–	10
Antimony (ppm)	background/sporadic	–	7
Bismuth (ppm)	moderate/small elliptical cluster and sporadic	–	66
Element	Target D		
	Relative Strength/ Distribution	Historic Peak Value	2011 Peak Value
Gold (ppb)	moderate/small elliptical cluster and sporadic	nil	73
Arsenic (ppm)	moderate/elongated clusters and sporadic	10	604
Silver (ppm)	moderate/two adjacent north-easterly-trending samples and sporadic	4	5.3

Lead (ppm)	strong/two adjacent north-easterly-trending samples and sporadic	137	2160
Copper (ppm)	strong/small triangular cluster and sporadic	–	1355
Zinc (ppm)	moderate/shotgun pattern	–	1095
Molybdenum (ppm)	moderate/small elliptical clusters	–	17
Antimony (ppm)	weak/sporadic	–	5
Bismuth (ppm)	strong/north-easterly-trending linear feature	–	310
Element	Target E		
	Relative Strength/ Distribution	Historic Peak Value	2011 Peak Value
Gold (ppb)	strong/three sub-parallel northwesterly-trending linear features	300	156
Arsenic (ppm)	moderate/northwesterly-trending linear feature	220	34
Silver (ppm)	strong/two northwesterly-trending linear features	250	7.1
Lead (ppm)	strong/two northwesterly-trending linears and triangular cluster in southwest corner of target	10,001	990
Copper (ppm)	background	–	108
Zinc (ppm)	weak/sporadic	–	579
Molybdenum (ppm)	background	–	3
Antimony (ppm)	weak/sporadic	–	10
Bismuth (ppm)	moderate/rectangular cluster and northwesterly-trending linear feature	–	32

- Samples not analysed

Targets A, B, D and E are underlain by volcanic rocks of Upper Cretaceous Carmacks Group, while Target C overlies granitic rocks of Mid-Cretaceous Whitehorse Suite.

Target A includes three sub-parallel northeast trending bands of strong silver values. Strong lead and zinc values occur with and adjacent to high silver values. The 2011 samples did not reproduce very high silver values in the southern part of this target, which were reported from 1981 sampling.

Target B is located one kilometre north of Target A and distinguished by very strong values for copper and bismuth, which may indicate close proximity to a porphyry core. The highest gold values lie on adjacent sample lines in the northwestern part of the target. Strong values for silver, lead and zinc occur dominantly in the central to eastern parts of the target, while arsenic clusters are found more sporadically.

Target C is located three kilometres northwest of Target A in the northern part of the property and comprises strong coincident values for gold, arsenic and lead, which is defined by two sub-

parallel northeast trending anomalies in the western part of the target. Shotgun patterned strong gold values including the highest gold value on the property are located in the central to eastern parts of the target. High values for arsenic and lead occur coincidentally as a triangular cluster in the southeastern part of the target. The highest zinc value on the property was found as a single point anomaly in the western part of the target. 2011 samples confirmed the validity of the high gold value reported from the early 1980s, but not the high arsenic, silver and lead values.

Target D is located two and a half kilometres northwest of Target A and consists of high copper and bismuth values, which could indicate proximity to a porphyry source. A small cluster (approximately 900 m²) of high gold, silver, lead, copper and bismuth values occur in the south-central part of the target.

Target E is located two kilometres southwest of Target A and distinguished by two to three sub-parallel northwest trending, coincident very high gold, lead and silver values. A strongly anomalous value for zinc is located in the northeast part of the target. A cluster moderate to high bismuth values lies in the southwest corner of the target. 2011 samples reproduced high lead values from the early 1980s in the southwestern and northeastern parts of the target and confirmed high gold values in the southwest part of the target. Samples from 2011 were unable to confirm historically high silver and arsenic values within the target.

DISCUSSION AND CONCLUSIONS

The OOO property lies within the Dawson Range Gold Belt, which hosts a number of gold-rich veins and porphyry deposits that are associated with young intrusions, such as the Coffee Gold project of Kaminak Gold Corp. and the Casino project of Western Copper and Gold Corp.

Geochemical sampling at the OOO property has identified five targets, which are likely associated with veins and/or buried porphyry-style mineralization. No prospecting or geological mapping was completed in 2011. The abundance of strongly anomalous values for several metals, including silver and gold, is highly encouraging and could indicate telescoping of epithermal and mesothermal styles of mineralization.

Future work is definitely warranted on the property. Airphoto studies should be done prior to the field season and any linear or circular features should be plotted on geochemical maps. Initial field work should consist of 7 to 14 days of detailed prospecting and hand trenching to follow up the strongest geochemical anomalies. Prospecting should look for surface mineralization and features that could overly blind deposits, such as strongly brecciated or bleached rocks. Hand trenching should be done to expose mineralized bedrock and will likely be most effective near ridgelines.

If prospecting is successful, detailed geological mapping should be done in the most prospective areas. Diamond drilling will probably be required to effectively test the most promising target(s).

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

A. Mitchell, B.Sc. Geology

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APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

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

1. I graduated from the University of British Columbia in 2010 with a B.Sc. in Earth and Environmental Sciences.
2. From 2010 to present, I have been actively engaged in mineral exploration in Yukon Territory.
3. I have interpreted all data resulting from this work.

A. Mitchell, B.Sc. Geology

APPENDIX II
CERTIFICATES OF ANALYSIS



ALS Canada Ltd.
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CERTIFICATE WH11157549

Project: 000
 P.O. No.:
 This report is for 193 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12- AUG- 2011.
 The following have access to data associated with this certificate:
 JOAN MARIACHER HEATHER SMITH

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- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
 ATTN: JOAN MARIACHER
 1016- 510 W HASTINGS ST
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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: 000

CERTIFICATE OF ANALYSIS WH11157549

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26134		0.22	0.001	<0.2	3.04	5	<10	150	0.8	<2	0.82	<0.5	18	88	29	3.08
ZZ26135		0.24	0.001	<0.2	4.36	8	<10	340	1.2	<2	0.96	<0.5	26	160	48	3.73
ZZ26136		0.34	0.002	0.2	2.69	5	<10	90	1.2	<2	0.93	<0.5	16	119	39	2.89
ZZ26137		0.26	0.001	<0.2	2.21	10	<10	100	1.1	<2	0.78	<0.5	9	21	36	2.47
ZZ26138		0.26	0.002	<0.2	2.16	11	<10	120	1.1	<2	0.74	0.6	9	20	38	2.59
ZZ26139		0.32	0.004	0.3	1.91	74	<10	100	1.0	<2	0.63	0.5	8	18	58	2.48
ZZ26140		0.36	0.005	0.6	2.02	39	<10	110	1.0	<2	0.73	<0.5	6	23	43	2.54
ZZ26141		0.28	0.004	0.2	3.02	16	<10	200	1.4	<2	1.00	<0.5	8	68	26	2.90
ZZ26142		0.20	0.001	<0.2	2.34	7	<10	300	0.5	<2	0.37	<0.5	16	191	11	3.44
ZZ26143		0.24	0.077	0.5	2.12	26	<10	70	1.2	<2	0.60	<0.5	10	24	45	3.06
ZZ26144		0.34	0.012	0.3	2.09	3	<10	90	1.5	<2	0.88	0.9	20	24	89	2.83
ZZ26145		0.32	<0.001	0.2	2.40	<2	<10	70	2.0	<2	1.25	<0.5	5	15	20	1.93
ZZ26146		0.32	0.002	<0.2	1.79	6	<10	60	1.1	<2	0.78	0.5	6	26	23	2.87
ZZ26147		0.28	0.002	<0.2	1.40	<2	<10	60	0.8	<2	0.69	<0.5	4	21	11	2.48
ZZ26148		0.32	0.002	0.2	1.55	3	<10	50	1.3	<2	1.00	<0.5	4	22	19	2.81
ZZ26149		0.30	0.004	1.0	1.97	8	<10	80	1.3	<2	0.85	0.5	8	16	112	2.28
ZZ26150		0.24	0.005	0.3	1.46	20	<10	80	0.7	2	0.51	<0.5	8	20	108	2.42
ZZ26151		0.28	0.004	<0.2	3.25	<2	<10	420	0.6	<2	0.86	<0.5	22	174	42	3.15
ZZ26152		0.44	0.003	0.3	3.00	13	<10	140	1.3	<2	0.98	0.5	17	111	50	2.94
ZZ26153		0.26	0.003	0.2	1.65	10	<10	100	0.7	<2	0.66	<0.5	7	18	28	1.97
ZZ26154		0.36	0.011	0.6	2.24	95	<10	100	1.2	7	0.87	0.6	11	22	93	2.74
ZZ26155		0.44	0.002	0.2	2.68	22	<10	280	0.9	<2	1.08	<0.5	21	322	43	3.11
ZZ26156		0.34	0.020	3.2	2.76	50	<10	220	0.9	<2	0.99	<0.5	18	179	74	3.45
ZZ26157		0.34	0.003	0.2	2.63	15	<10	350	0.7	<2	0.81	<0.5	18	314	33	3.00
ZZ26158		0.28	0.001	<0.2	2.54	8	<10	450	0.6	<2	0.67	<0.5	18	246	14	3.69
ZZ26159		0.48	0.066	6.4	2.78	130	<10	90	2.0	66	1.08	1.4	15	26	331	3.48
ZZ26160		0.34	0.002	0.4	2.33	5	<10	70	1.5	<2	0.86	<0.5	6	21	20	2.31
ZZ26161		0.32	0.002	<0.2	1.98	3	<10	120	1.1	<2	0.70	<0.5	6	19	15	2.10
ZZ26162		0.28	0.001	<0.2	1.43	5	<10	100	0.8	<2	0.74	<0.5	5	22	9	2.69
ZZ26163		0.34	0.002	<0.2	1.67	2	<10	70	1.2	2	1.06	<0.5	4	21	6	2.48
ZZ26164		0.32	0.003	<0.2	1.96	6	<10	110	1.5	<2	0.94	<0.5	6	19	12	2.41
ZZ26165		0.18	0.029	0.4	2.07	9	<10	120	1.2	<2	0.80	<0.5	9	19	190	2.37
ZZ26166		0.28	0.007	0.5	2.16	85	<10	140	1.4	<2	0.73	0.5	10	20	92	2.52
ZZ26167		0.20	0.073	0.8	2.25	101	<10	140	1.2	5	0.60	0.8	11	31	156	3.48
ZZ26168		0.28	0.054	0.4	1.99	18	<10	110	1.2	3	0.62	<0.5	9	21	156	2.72
ZZ26169		0.48	0.007	<0.2	2.34	9	<10	90	1.6	<2	0.81	<0.5	9	23	48	2.91
ZZ26170		0.32	0.004	<0.2	2.06	13	<10	100	1.2	<2	0.77	<0.5	11	24	44	3.03
ZZ26171		0.16	0.020	<0.2	2.10	6	<10	120	1.2	<2	0.64	<0.5	9	22	92	2.52
ZZ26172		0.24	0.036	0.4	2.01	6	<10	120	1.0	3	0.62	<0.5	7	22	314	2.33
ZZ26173		0.28	0.020	0.2	2.02	4	<10	130	1.1	<2	0.66	<0.5	7	21	168	2.38



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Project: 000

CERTIFICATE OF ANALYSIS WH11157549

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26134		10	1	0.72	10	2.25	409	<1	0.03	106	1130	11	0.05	<2	2	204
ZZ26135		10	1	0.67	10	3.57	401	<1	0.04	186	1090	13	0.04	<2	2	272
ZZ26136		10	<1	0.53	20	1.91	356	<1	0.02	97	1190	23	0.02	<2	3	118
ZZ26137		10	<1	0.23	20	0.51	440	1	0.02	12	1130	31	0.04	<2	2	92
ZZ26138		10	<1	0.19	10	0.50	392	1	0.04	12	950	41	0.03	<2	2	67
ZZ26139		10	<1	0.17	20	0.41	407	1	0.02	9	1140	150	0.03	2	2	61
ZZ26140		10	<1	0.14	10	0.51	308	1	0.04	12	980	47	0.05	2	2	58
ZZ26141		10	<1	0.36	20	0.80	495	1	0.03	29	1190	87	0.05	2	3	235
ZZ26142		10	<1	0.57	10	2.12	549	<1	0.04	36	790	14	0.08	<2	4	101
ZZ26143		10	<1	0.10	20	0.53	793	5	0.04	18	1050	103	0.07	<2	2	92
ZZ26144		10	<1	0.18	20	0.53	1380	1	0.02	62	1300	208	0.02	<2	3	89
ZZ26145		<10	<1	0.16	20	0.48	332	1	0.02	8	1160	22	0.01	<2	3	71
ZZ26146		<10	<1	0.17	20	0.38	358	<1	0.04	13	1350	39	0.03	<2	2	65
ZZ26147		<10	<1	0.15	20	0.34	272	<1	0.04	8	1080	26	0.02	<2	1	82
ZZ26148		<10	<1	0.14	20	0.37	251	<1	0.04	6	1340	24	0.02	<2	1	83
ZZ26149		10	<1	0.18	20	0.49	707	2	0.03	12	1200	206	0.03	6	3	90
ZZ26150		<10	<1	0.16	10	0.37	308	1	0.02	12	1090	47	0.05	2	1	49
ZZ26151		10	<1	0.89	10	3.11	316	<1	0.04	182	1170	10	0.02	<2	2	179
ZZ26152		10	<1	0.37	10	2.31	463	1	0.03	130	940	44	0.06	<2	3	121
ZZ26153		<10	<1	0.11	10	0.37	361	1	0.03	7	800	27	0.06	<2	1	91
ZZ26154		10	<1	0.17	20	0.43	573	2	0.04	11	1190	102	0.04	<2	2	74
ZZ26155		10	<1	0.75	10	2.84	444	<1	0.04	145	1580	18	0.03	2	4	193
ZZ26156		10	<1	0.36	10	1.91	579	2	0.05	95	1150	143	0.09	<2	3	219
ZZ26157		10	<1	0.82	10	2.21	478	1	0.05	118	1300	18	0.05	<2	4	187
ZZ26158		10	<1	0.91	10	2.52	637	<1	0.05	75	1400	14	0.05	<2	5	133
ZZ26159		10	<1	0.25	30	0.60	870	2	0.08	28	1330	660	0.08	2	3	90
ZZ26160		10	<1	0.16	20	0.50	329	1	0.03	12	1130	36	0.05	<2	2	73
ZZ26161		<10	<1	0.16	10	0.34	370	1	0.03	11	1240	29	0.09	<2	1	98
ZZ26162		10	<1	0.20	20	0.41	216	<1	0.04	9	1210	16	0.01	<2	2	44
ZZ26163		<10	1	0.12	20	0.35	222	1	0.06	6	1380	25	0.01	<2	1	105
ZZ26164		10	<1	0.20	20	0.46	343	1	0.05	7	1330	26	0.03	<2	2	79
ZZ26165		10	<1	0.21	20	0.44	388	1	0.05	12	1400	41	0.05	<2	2	103
ZZ26166		10	<1	0.19	20	0.54	643	2	0.05	13	1260	153	0.05	<2	3	104
ZZ26167		10	<1	0.15	20	0.57	731	3	0.05	19	1370	144	0.05	<2	3	84
ZZ26168		10	<1	0.14	20	0.41	392	2	0.06	11	1220	53	0.07	<2	2	84
ZZ26169		10	<1	0.10	20	0.46	397	1	0.06	13	1180	39	0.03	<2	3	118
ZZ26170		<10	<1	0.12	20	0.51	405	1	0.05	17	1380	30	0.02	<2	2	118
ZZ26171		10	<1	0.13	20	0.46	343	1	0.06	13	1120	38	0.05	<2	2	103
ZZ26172		10	<1	0.13	20	0.48	506	2	0.06	14	1090	41	0.04	<2	3	120
ZZ26173		10	<1	0.14	20	0.40	327	1	0.06	10	1280	32	0.05	<2	2	94



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Project: 000

CERTIFICATE OF ANALYSIS WH11157549

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26134		<20	0.26	<10	<10	67	<10	66
ZZ26135		<20	0.18	<10	<10	72	<10	72
ZZ26136		20	0.18	<10	<10	59	<10	63
ZZ26137		<20	0.07	<10	<10	49	<10	87
ZZ26138		<20	0.09	<10	<10	50	<10	193
ZZ26139		20	0.07	<10	<10	51	<10	149
ZZ26140		<20	0.09	<10	<10	55	<10	96
ZZ26141		20	0.11	<10	<10	71	<10	167
ZZ26142		<20	0.29	<10	<10	107	<10	77
ZZ26143		<20	0.05	<10	10	49	<10	114
ZZ26144		40	0.06	<10	10	56	<10	230
ZZ26145		30	0.03	<10	<10	39	<10	38
ZZ26146		30	0.08	<10	10	71	<10	74
ZZ26147		20	0.08	<10	<10	64	<10	47
ZZ26148		30	0.05	<10	<10	66	<10	35
ZZ26149		20	0.08	<10	10	44	<10	110
ZZ26150		<20	0.09	<10	<10	57	<10	82
ZZ26151		<20	0.23	<10	<10	68	<10	57
ZZ26152		<20	0.15	<10	<10	63	<10	149
ZZ26153		<20	0.05	<10	<10	40	<10	73
ZZ26154		20	0.06	<10	<10	56	<10	177
ZZ26155		<20	0.28	<10	<10	94	<10	70
ZZ26156		<20	0.20	<10	<10	83	<10	121
ZZ26157		<20	0.30	<10	<10	101	<10	80
ZZ26158		<20	0.35	<10	<10	117	<10	85
ZZ26159		50	0.09	<10	10	63	20	481
ZZ26160		<20	0.05	<10	<10	50	<10	57
ZZ26161		<20	0.06	<10	10	44	<10	55
ZZ26162		30	0.09	<10	<10	68	<10	32
ZZ26163		30	0.05	<10	10	60	<10	34
ZZ26164		20	0.07	<10	10	54	<10	40
ZZ26165		20	0.09	<10	10	49	<10	77
ZZ26166		<20	0.10	<10	10	47	10	151
ZZ26167		20	0.11	<10	10	76	10	267
ZZ26168		<20	0.06	<10	10	58	<10	73
ZZ26169		20	0.07	<10	10	60	<10	60
ZZ26170		20	0.12	<10	10	66	<10	69
ZZ26171		<20	0.09	<10	10	52	<10	66
ZZ26172		<20	0.07	<10	<10	49	<10	92
ZZ26173		<20	0.06	<10	10	53	<10	63



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CERTIFICATE OF ANALYSIS WH11157549

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26174		0.34	0.098	0.3	1.51	61	<10	100	1.0	<2	0.74	0.5	6	20	144	2.44
ZZ26175		0.40	0.006	<0.2	2.25	21	<10	110	1.6	2	0.96	<0.5	12	20	57	2.37
ZZ26176		0.42	0.006	0.2	2.20	11	<10	100	2.1	<2	1.12	<0.5	11	30	62	2.59
ZZ26177		0.30	0.005	0.3	2.15	23	<10	100	1.9	7	0.77	0.5	11	22	52	2.61
ZZ26178		0.26	0.016	0.3	2.27	24	<10	110	1.8	2	0.75	<0.5	13	26	66	2.92
ZZ26179		0.32	0.003	0.3	1.39	12	<10	90	0.6	<2	0.23	<0.5	6	25	40	2.38
ZZ26180		0.34	0.009	1.1	3.00	37	<10	140	2.1	10	0.77	<0.5	20	32	143	3.72
ZZ26181		0.32	0.009	0.9	2.31	40	<10	80	2.1	18	0.85	0.7	14	24	164	2.76
ZZ26182		0.14	0.025	1.0	3.01	126	<10	140	1.6	13	0.83	0.5	18	71	117	4.45
ZZ26183		0.14	0.009	0.4	2.84	23	<10	150	1.2	5	1.04	0.6	17	53	103	3.80
ZZ26184		0.16	0.004	0.3	3.00	17	<10	230	1.0	4	1.01	0.7	21	66	78	4.25
ZZ26185		0.20	0.003	<0.2	3.06	11	<10	230	0.9	<2	1.21	0.5	17	58	51	3.76
ZZ26186		0.26	0.002	0.2	3.53	11	<10	210	1.4	<2	1.06	0.5	17	65	39	3.81
ZZ26187		0.34	0.004	0.3	2.93	19	<10	190	1.0	<2	1.32	0.7	20	82	46	3.91
ZZ26188		0.40	0.008	0.2	2.67	19	<10	270	0.8	<2	1.07	<0.5	22	109	49	4.19
ZZ26189		0.36	0.306	1.7	2.44	30	<10	200	0.7	20	1.09	0.6	22	140	303	3.81
ZZ26190		0.26	0.002	<0.2	2.61	9	<10	230	0.8	<2	0.64	<0.5	14	54	32	3.16
ZZ26191		0.24	0.005	0.2	3.13	8	<10	190	1.0	<2	0.57	<0.5	13	52	28	3.24
ZZ26192		0.36	0.003	0.3	3.88	13	<10	270	1.6	<2	1.30	<0.5	20	89	42	4.08
ZZ26193		0.30	<0.001	0.2	2.35	8	<10	180	0.6	<2	0.33	<0.5	12	49	19	3.76
ZZ26194		0.20	0.008	<0.2	2.63	7	<10	170	0.8	<2	0.62	<0.5	15	54	32	4.23
ZZ26195		0.30	0.003	0.2	3.02	12	<10	170	1.0	<2	0.84	<0.5	19	49	44	3.94
ZZ26196		0.26	0.004	0.4	2.81	32	<10	130	1.7	3	0.67	<0.5	15	40	64	3.64
ZZ26197		0.34	0.011	0.5	3.06	147	<10	120	1.8	7	0.76	<0.5	14	30	101	3.44
ZZ26198		0.36	0.003	<0.2	2.91	16	<10	110	1.4	<2	0.90	<0.5	15	52	86	3.80
ZZ26199		0.24	0.004	0.2	2.55	14	<10	140	1.0	<2	0.75	<0.5	10	41	81	3.89
ZZ26200		0.42	0.097	0.6	2.94	29	<10	80	2.0	2	1.22	<0.5	11	23	41	3.49
ZZ26201		0.42	0.045	1.0	1.87	38	<10	90	1.2	6	0.60	0.5	10	24	225	3.22
ZZ26202		0.42	0.015	0.5	2.12	20	<10	100	1.3	4	0.75	<0.5	10	24	136	3.05
ZZ26203		0.34	0.004	0.3	2.02	9	<10	80	1.1	2	0.82	<0.5	6	21	42	2.71
ZZ26204		0.24	0.004	0.2	2.57	19	<10	100	1.4	<2	0.76	<0.5	17	25	66	3.16
ZZ26205		0.28	0.005	<0.2	1.73	6	<10	70	0.9	<2	0.62	<0.5	7	22	41	2.43
ZZ26206		0.38	0.093	0.4	1.67	6	<10	70	1.2	<2	0.64	0.5	6	19	147	2.53
ZZ26207		0.36	0.008	0.7	1.64	21	<10	50	1.2	2	0.62	0.8	5	17	125	2.24
ZZ26208		0.26	0.001	0.2	1.87	12	<10	90	0.7	<2	0.47	<0.5	5	23	20	2.38
ZZ26209		0.46	0.006	0.4	2.27	23	<10	60	2.0	12	1.18	0.5	7	26	32	2.48
ZZ26210		0.36	0.005	0.3	1.93	7	<10	120	1.5	2	0.91	<0.5	8	20	35	2.72
ZZ26251		0.26	0.022	0.3	2.15	80	<10	60	1.8	7	0.99	0.7	6	16	53	2.22
ZZ26252		0.34	0.007	0.4	2.40	34	<10	60	1.8	2	0.72	<0.5	16	28	70	3.52
ZZ26253		0.38	0.008	0.6	1.99	26	<10	80	1.4	4	0.61	<0.5	11	34	55	3.41



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26174		10	<1	0.15	20	0.46	374	2	0.04	7	1350	130	0.02	<2	2	70
ZZ26175		10	<1	0.21	20	0.60	601	1	0.04	12	1290	50	0.02	<2	3	126
ZZ26176		10	<1	0.36	30	0.77	543	1	0.04	13	1700	51	0.02	<2	3	105
ZZ26177		10	<1	0.21	20	0.58	545	2	0.04	10	1110	59	0.06	<2	2	88
ZZ26178		10	<1	0.28	20	0.62	569	2	0.04	10	1170	117	0.05	<2	3	130
ZZ26179		10	<1	0.16	10	0.43	147	2	0.04	6	830	27	0.11	<2	1	31
ZZ26180		10	<1	0.27	20	0.89	669	3	0.05	15	1270	108	0.07	<2	4	108
ZZ26181		10	<1	0.20	30	0.65	725	3	0.05	13	1170	126	0.05	<2	3	114
ZZ26182		10	<1	0.38	20	1.08	1185	3	0.03	32	1650	202	0.05	<2	4	121
ZZ26183		10	<1	0.37	20	1.26	761	2	0.05	22	1510	92	0.06	<2	5	147
ZZ26184		10	<1	0.56	10	1.50	716	2	0.07	26	1630	76	0.06	<2	6	212
ZZ26185		10	<1	0.46	10	1.21	570	1	0.07	21	1600	31	0.07	<2	4	326
ZZ26186		10	<1	0.44	10	1.41	667	1	0.06	28	1640	28	0.07	<2	5	194
ZZ26187		10	1	0.33	10	1.10	760	1	0.06	28	1840	136	0.05	<2	4	385
ZZ26188		10	<1	0.44	10	1.28	421	1	0.06	43	1840	23	0.11	<2	5	373
ZZ26189		10	<1	0.35	10	1.05	493	2	0.05	41	1830	80	0.03	<2	4	276
ZZ26190		10	<1	0.27	10	0.75	368	1	0.05	21	1380	15	0.08	<2	2	212
ZZ26191		10	<1	0.29	10	0.91	463	1	0.04	23	1340	16	0.08	<2	3	129
ZZ26192		10	<1	0.62	10	1.79	775	1	0.06	45	1620	33	0.06	<2	6	226
ZZ26193		10	<1	0.35	10	0.98	445	1	0.05	20	1090	27	0.10	<2	3	42
ZZ26194		10	<1	0.37	10	1.18	537	1	0.04	15	1100	24	0.08	<2	5	84
ZZ26195		10	<1	0.25	10	1.23	769	2	0.06	15	1100	28	0.12	<2	5	109
ZZ26196		10	1	0.23	10	0.88	540	1	0.05	15	1000	57	0.06	<2	4	92
ZZ26197		10	<1	0.19	20	0.74	507	4	0.07	13	930	118	0.05	3	4	153
ZZ26198		10	<1	0.29	20	0.89	799	1	0.05	22	1310	67	0.02	<2	4	184
ZZ26199		10	<1	0.39	10	1.03	501	3	0.03	13	1260	29	0.05	<2	4	90
ZZ26200		10	<1	0.23	30	0.60	1205	3	0.06	14	1530	116	0.01	<2	4	217
ZZ26201		10	<1	0.15	30	0.48	823	3	0.02	18	1480	62	0.03	<2	3	94
ZZ26202		10	<1	0.17	30	0.52	643	1	0.03	14	1260	43	0.02	<2	3	93
ZZ26203		10	<1	0.14	20	0.48	380	1	0.03	13	1120	28	0.02	<2	2	83
ZZ26204		10	1	0.18	20	0.48	543	1	0.02	20	1530	36	0.05	<2	2	84
ZZ26205		<10	<1	0.12	20	0.41	284	<1	0.04	13	1090	25	0.02	<2	2	67
ZZ26206		<10	<1	0.12	30	0.38	972	1	0.02	11	1360	37	0.01	<2	3	89
ZZ26207		10	<1	0.11	20	0.49	508	3	0.01	9	1230	123	0.02	<2	2	54
ZZ26208		10	<1	0.13	10	0.46	267	1	0.01	10	850	25	0.04	<2	1	48
ZZ26209		<10	<1	0.20	20	0.55	497	<1	0.04	11	1330	48	0.01	<2	3	124
ZZ26210		<10	<1	0.27	30	0.64	478	1	0.02	11	1460	47	0.02	<2	2	138
ZZ26251		<10	<1	0.23	30	0.53	540	2	0.02	8	1210	213	0.03	<2	2	153
ZZ26252		10	<1	0.27	20	0.70	533	3	0.03	10	1150	43	0.04	<2	4	93
ZZ26253		10	<1	0.31	20	0.84	379	3	0.02	12	1150	44	0.03	<2	5	60



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26174		20	0.09	<10	10	60	<10	100
ZZ26175		20	0.06	<10	10	50	<10	85
ZZ26176		40	0.10	<10	10	71	<10	72
ZZ26177		20	0.07	<10	20	57	<10	122
ZZ26178		20	0.09	<10	10	61	<10	166
ZZ26179		<20	0.08	<10	<10	61	<10	53
ZZ26180		<20	0.12	<10	10	78	<10	199
ZZ26181		20	0.08	<10	20	57	<10	192
ZZ26182		<20	0.13	<10	<10	111	<10	299
ZZ26183		<20	0.17	<10	<10	105	<10	209
ZZ26184		<20	0.25	<10	<10	128	<10	162
ZZ26185		<20	0.19	<10	<10	115	<10	93
ZZ26186		<20	0.16	<10	<10	110	<10	85
ZZ26187		<20	0.11	<10	<10	108	<10	109
ZZ26188		<20	0.13	<10	<10	111	<10	57
ZZ26189		<20	0.10	<10	<10	94	<10	132
ZZ26190		<20	0.11	<10	<10	89	<10	55
ZZ26191		<20	0.13	<10	<10	94	<10	80
ZZ26192		<20	0.23	<10	<10	118	<10	118
ZZ26193		<20	0.24	<10	<10	127	<10	99
ZZ26194		<20	0.22	<10	<10	133	<10	92
ZZ26195		<20	0.18	<10	<10	122	<10	100
ZZ26196		<20	0.14	<10	10	100	<10	118
ZZ26197		20	0.09	<10	10	68	<10	134
ZZ26198		<20	0.16	<10	<10	113	<10	93
ZZ26199		<20	0.23	<10	<10	108	<10	93
ZZ26200		20	0.09	<10	<10	70	<10	100
ZZ26201		<20	0.09	<10	10	64	<10	117
ZZ26202		20	0.09	<10	10	64	<10	80
ZZ26203		<20	0.07	<10	<10	54	<10	60
ZZ26204		<20	0.09	<10	10	61	<10	107
ZZ26205		<20	0.09	<10	<10	56	<10	58
ZZ26206		20	0.06	<10	<10	53	<10	70
ZZ26207		20	0.06	<10	<10	49	<10	199
ZZ26208		<20	0.06	<10	<10	58	<10	48
ZZ26209		20	0.05	<10	<10	58	<10	83
ZZ26210		20	0.10	<10	<10	67	<10	67
ZZ26251		40	0.05	<10	10	49	<10	246
ZZ26252		30	0.11	<10	10	64	<10	67
ZZ26253		20	0.15	<10	10	76	<10	92



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26254		0.30	0.008	0.6	2.39	20	<10	90	1.5	15	0.91	<0.5	15	32	92	3.45
ZZ26255		0.22	0.044	4.2	2.05	132	<10	60	1.7	53	0.70	1.5	13	27	283	3.10
ZZ26256		0.32	0.013	0.8	2.36	33	<10	110	1.0	7	0.86	0.7	15	50	135	4.29
ZZ26257		0.32	0.002	0.3	2.92	14	<10	180	0.9	2	1.19	<0.5	19	55	37	4.38
ZZ26258		0.42	0.003	0.2	3.15	7	<10	90	1.7	<2	1.92	<0.5	15	41	30	4.24
ZZ26259		0.30	0.012	0.9	4.00	34	<10	170	1.4	6	0.64	0.5	23	61	56	4.58
ZZ26260		0.34	0.004	<0.2	3.33	15	<10	320	1.0	<2	1.26	<0.5	19	142	47	4.17
ZZ26261		0.24	0.027	0.2	2.96	21	<10	230	0.9	2	1.11	<0.5	25	105	54	4.45
ZZ26262		0.32	0.018	0.3	3.28	23	<10	210	1.2	<2	0.91	<0.5	23	118	59	3.93
ZZ26263		0.24	0.001	0.2	3.08	8	<10	110	1.1	<2	1.04	<0.5	16	34	16	4.28
ZZ26264		0.22	0.002	0.2	3.07	7	<10	160	1.0	<2	0.70	<0.5	12	46	21	3.60
ZZ26265		0.20	0.002	0.4	3.11	6	<10	130	1.3	<2	1.05	<0.5	12	33	48	3.29
ZZ26266		0.20	0.006	0.2	2.57	10	<10	140	0.8	<2	0.57	0.7	11	36	22	3.34
ZZ26267		0.28	0.003	0.3	2.51	11	<10	230	0.7	4	0.92	<0.5	17	70	32	4.14
ZZ26268		0.28	0.003	0.3	3.46	16	<10	210	1.0	2	0.83	<0.5	19	63	45	4.49
ZZ26269		0.24	0.006	0.4	2.71	14	<10	100	1.5	4	0.66	<0.5	15	48	106	3.92
ZZ26270		0.26	0.007	0.5	2.33	41	<10	120	1.2	5	0.50	<0.5	8	32	59	3.10
ZZ26271		0.28	0.027	2.8	3.07	484	<10	80	2.1	10	0.83	0.5	12	26	135	3.41
ZZ26272		0.28	0.006	0.2	3.71	30	<10	120	2.0	<2	1.20	<0.5	17	38	107	3.24
ZZ26273		0.26	0.007	0.2	1.98	14	<10	140	0.7	<2	0.36	<0.5	9	29	112	3.95
ZZ26274		0.18	0.004	1.3	2.52	27	<10	110	1.4	<2	0.73	<0.5	7	22	53	3.05
ZZ26275		0.24	0.009	0.6	2.44	33	<10	130	1.5	<2	0.95	0.6	10	23	54	3.04
ZZ26276		0.30	0.003	0.5	2.10	74	<10	200	1.8	<2	0.70	1.9	18	25	62	3.51
ZZ26277		0.30	0.006	0.6	2.40	52	<10	190	2.2	<2	1.11	1.0	11	24	30	3.29
ZZ26278		0.36	0.004	0.2	2.63	54	<10	220	1.8	<2	0.79	<0.5	15	32	46	3.55
ZZ26279		0.32	0.003	0.2	2.30	39	<10	150	1.7	<2	1.00	<0.5	12	24	30	2.77
ZZ26280		0.34	0.001	<0.2	2.46	41	<10	130	1.7	<2	0.81	<0.5	9	22	22	2.69
ZZ26281		0.24	0.003	0.3	2.53	57	<10	150	1.6	<2	0.83	<0.5	13	30	47	3.31
ZZ26282		0.34	0.002	0.4	2.30	54	<10	120	1.8	6	1.05	0.5	11	27	27	2.74
ZZ26283		0.26	0.003	0.5	2.36	34	<10	140	1.8	5	0.85	<0.5	14	29	35	3.05
ZZ26284		0.26	0.027	0.2	2.11	60	<10	110	1.1	5	0.36	<0.5	11	51	28	3.64
ZZ26285		0.38	0.003	0.2	2.90	39	<10	280	1.0	<2	0.88	<0.5	17	66	28	3.84
ZZ26286		0.20	0.004	<0.2	3.37	16	<10	230	1.0	<2	0.87	<0.5	21	68	21	4.29
ZZ26287		0.26	0.002	<0.2	3.03	10	<10	180	1.2	<2	1.20	<0.5	14	46	23	3.90
ZZ26288		0.20	0.001	<0.2	2.69	7	<10	240	0.6	<2	0.44	<0.5	13	47	24	3.98
ZZ26289		0.28	0.003	<0.2	2.80	8	<10	220	0.8	<2	0.62	<0.5	17	48	36	3.61
ZZ26290		0.28	0.002	<0.2	3.11	8	<10	270	0.8	<2	0.59	<0.5	17	63	29	4.03
ZZ26291		0.22	0.002	<0.2	3.27	16	<10	240	1.0	<2	0.76	<0.5	16	41	26	4.08
ZZ26292		0.20	0.001	<0.2	2.99	10	<10	170	0.7	<2	0.24	<0.5	16	60	25	4.13
ZZ26293		0.34	0.005	0.2	2.46	11	<10	210	1.2	<2	0.34	<0.5	14	36	88	3.25



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26254		10	<1	0.30	20	0.82	498	1	0.04	11	1330	95	0.02	<2	4	91
ZZ26255		10	<1	0.19	20	0.63	564	10	0.03	15	1250	240	0.13	3	3	105
ZZ26256		10	<1	0.40	10	1.11	702	2	0.02	16	1760	125	0.05	<2	5	95
ZZ26257		10	<1	0.50	10	1.21	641	1	0.03	15	1750	32	0.04	<2	5	271
ZZ26258		10	<1	0.40	20	0.98	811	<1	0.02	12	1860	27	0.02	<2	5	188
ZZ26259		10	<1	0.47	10	1.43	1380	1	0.04	23	1600	78	0.19	<2	6	214
ZZ26260		10	<1	0.50	10	1.93	673	<1	0.03	84	1760	20	0.02	<2	4	206
ZZ26261		10	<1	0.42	10	1.43	470	<1	0.04	48	1780	23	0.09	<2	4	332
ZZ26262		10	<1	0.42	10	1.40	563	1	0.04	61	1890	30	0.05	<2	3	260
ZZ26263		10	<1	0.41	10	0.96	526	1	0.05	13	1590	33	0.05	<2	4	200
ZZ26264		10	<1	0.29	10	0.97	509	1	0.03	19	1290	25	0.08	<2	2	146
ZZ26265		10	1	0.44	10	1.30	674	1	0.03	19	1210	28	0.10	<2	5	110
ZZ26266		10	<1	0.21	10	0.79	527	1	0.02	18	1200	182	0.07	<2	2	106
ZZ26267		10	<1	0.49	10	1.12	561	1	0.04	24	1530	29	0.04	<2	5	162
ZZ26268		10	<1	0.56	10	1.65	725	2	0.03	35	1420	31	0.09	<2	7	110
ZZ26269		10	<1	0.18	20	0.90	633	1	0.04	20	1060	92	0.05	<2	4	113
ZZ26270		10	<1	0.27	10	0.79	366	2	0.02	12	810	55	0.07	<2	3	64
ZZ26271		10	<1	0.30	30	0.78	825	7	0.04	11	740	450	0.12	5	4	193
ZZ26272		10	<1	0.23	20	1.11	586	1	0.08	30	980	44	0.04	<2	5	357
ZZ26273		10	<1	0.45	10	0.95	360	4	0.03	7	970	26	0.24	<2	4	73
ZZ26274		10	1	0.18	20	0.56	536	20	0.05	14	1150	124	0.11	4	3	144
ZZ26275		10	1	0.18	30	0.49	572	12	0.05	16	1390	164	0.05	6	4	225
ZZ26276		10	<1	0.22	30	0.59	935	6	0.02	17	1490	188	0.04	6	6	231
ZZ26277		10	<1	0.22	40	0.57	1095	2	0.03	14	1730	118	0.03	3	5	229
ZZ26278		10	<1	0.20	20	0.88	646	9	0.02	20	1420	51	0.03	2	5	360
ZZ26279		10	1	0.28	20	0.69	387	3	0.03	12	1410	28	0.02	2	4	296
ZZ26280		10	<1	0.20	30	0.61	372	2	0.02	10	1270	35	0.02	2	4	150
ZZ26281		10	<1	0.22	20	0.90	447	2	0.03	14	1070	101	0.10	4	4	114
ZZ26282		10	<1	0.29	20	0.78	431	2	0.02	11	1580	102	0.02	2	4	138
ZZ26283		10	<1	0.22	30	0.60	746	2	0.03	15	1300	136	0.05	3	3	147
ZZ26284		10	<1	0.20	10	0.72	468	2	0.01	19	1110	109	0.04	3	3	59
ZZ26285		10	<1	0.56	10	1.31	549	1	0.03	16	1610	54	0.04	2	6	241
ZZ26286		10	1	0.55	10	1.39	601	1	0.03	20	1640	22	0.06	3	6	241
ZZ26287		10	<1	0.44	10	1.43	483	<1	0.05	17	1510	19	0.06	2	6	206
ZZ26288		10	1	0.44	10	1.17	470	1	0.04	20	1110	18	0.10	<2	4	105
ZZ26289		10	<1	0.34	10	1.11	643	1	0.04	19	1470	25	0.10	2	4	226
ZZ26290		10	<1	0.42	10	1.54	583	<1	0.04	36	1150	26	0.07	2	5	247
ZZ26291		10	<1	0.52	10	1.28	536	1	0.02	18	1330	21	0.08	3	5	263
ZZ26292		10	<1	0.13	10	1.23	618	1	0.04	18	1060	20	0.09	<2	5	42
ZZ26293		10	<1	0.07	10	0.67	491	1	0.02	26	750	27	0.03	<2	4	187



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26254		20	0.14	<10	<10	89	<10	188
ZZ26255		<20	0.08	<10	20	61	10	271
ZZ26256		<20	0.18	<10	<10	118	<10	250
ZZ26257		<20	0.19	<10	<10	138	<10	100
ZZ26258		<20	0.06	<10	<10	114	<10	74
ZZ26259		<20	0.18	<10	<10	116	<10	154
ZZ26260		<20	0.16	<10	<10	108	<10	82
ZZ26261		<20	0.14	<10	<10	118	<10	63
ZZ26262		<20	0.14	<10	<10	105	<10	65
ZZ26263		<20	0.13	<10	<10	104	<10	67
ZZ26264		<20	0.11	<10	<10	100	<10	73
ZZ26265		<20	0.16	<10	<10	90	<10	99
ZZ26266		<20	0.13	<10	<10	86	<10	255
ZZ26267		<20	0.22	<10	<10	126	<10	109
ZZ26268		<20	0.27	<10	<10	134	<10	128
ZZ26269		<20	0.14	<10	<10	101	<10	171
ZZ26270		<20	0.14	<10	<10	75	<10	68
ZZ26271		20	0.10	<10	10	61	<10	192
ZZ26272		<20	0.16	<10	<10	82	<10	85
ZZ26273		<20	0.24	<10	<10	95	<10	64
ZZ26274		<20	0.07	<10	<10	56	<10	71
ZZ26275		<20	0.06	<10	10	58	<10	104
ZZ26276		20	0.09	<10	10	63	<10	190
ZZ26277		20	0.05	<10	10	61	<10	117
ZZ26278		20	0.08	<10	10	66	<10	111
ZZ26279		20	0.08	<10	10	58	<10	57
ZZ26280		20	0.06	<10	10	56	<10	66
ZZ26281		<20	0.10	<10	10	75	<10	196
ZZ26282		20	0.07	<10	<10	61	<10	162
ZZ26283		<20	0.08	<10	<10	62	<10	191
ZZ26284		<20	0.12	<10	<10	86	<10	204
ZZ26285		<20	0.23	<10	<10	122	<10	127
ZZ26286		<20	0.22	<10	<10	133	<10	70
ZZ26287		<20	0.22	<10	<10	130	<10	74
ZZ26288		<20	0.23	<10	<10	134	<10	82
ZZ26289		<20	0.19	<10	<10	111	<10	71
ZZ26290		<20	0.25	<10	<10	120	<10	89
ZZ26291		<20	0.19	<10	<10	125	<10	87
ZZ26292		<20	0.24	<10	<10	135	<10	92
ZZ26293		<20	0.11	<10	<10	74	<10	74



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26294		0.36	0.002	<0.2	2.50	10	<10	230	1.1	<2	0.53	<0.5	10	28	30	2.82
ZZ26295		0.30	0.012	0.3	2.10	11	<10	150	1.0	<2	0.37	<0.5	13	39	72	3.52
ZZ26296		0.32	0.022	1.8	2.06	54	<10	120	3.8	6	0.32	<0.5	10	14	226	5.66
ZZ26297		0.48	0.017	2.9	2.25	31	<10	210	1.4	243	0.49	<0.5	14	26	1175	4.36
ZZ26298		0.36	0.008	1.8	2.39	109	<10	100	2.5	18	0.90	0.5	15	16	358	3.11
ZZ26299		0.32	0.005	0.3	2.88	87	<10	190	1.8	4	0.74	<0.5	14	27	59	3.70
ZZ26300		0.34	0.001	<0.2	2.45	17	<10	180	1.2	<2	0.64	<0.5	13	39	20	3.85
ZZ26301		0.26	0.004	<0.2	2.49	5	<10	160	1.5	<2	0.89	<0.5	9	24	24	3.12
ZZ26302		0.22	0.006	<0.2	2.31	7	<10	80	1.6	10	0.83	<0.5	11	21	154	1.98
ZZ26303		0.22	0.001	<0.2	2.17	16	<10	90	1.4	<2	0.85	<0.5	8	15	22	1.84
ZZ26304		0.24	0.003	<0.2	1.59	12	<10	110	0.9	<2	0.63	<0.5	5	19	32	2.32
ZZ26305		0.24	0.013	<0.2	1.69	8	<10	100	0.9	<2	0.56	<0.5	7	25	139	2.70
ZZ26306		0.20	0.018	<0.2	2.22	7	<10	140	0.6	<2	0.57	<0.5	7	25	183	2.51
ZZ26307		0.22	0.003	<0.2	1.50	3	<10	80	0.8	<2	0.66	<0.5	6	24	16	2.52
ZZ26308		0.16	0.044	0.4	2.54	7	<10	110	0.9	2	0.83	<0.5	10	24	277	2.82
ZZ26309		0.20	0.002	<0.2	3.89	4	<10	330	1.8	<2	1.51	<0.5	20	31	38	4.13
ZZ26310		0.24	0.003	<0.2	2.23	11	<10	110	1.0	3	0.41	<0.5	11	28	50	3.24
ZZ26311		0.22	0.056	0.6	2.46	37	<10	130	1.6	14	0.81	0.9	20	26	370	3.44
ZZ26312		0.20	0.006	0.3	2.35	34	<10	150	1.2	3	0.61	0.6	12	30	78	3.29
ZZ26313		0.28	0.002	<0.2	1.74	14	<10	120	0.9	<2	0.59	0.5	10	24	39	2.62
ZZ26314		0.26	0.016	0.6	1.99	58	<10	120	1.2	7	0.73	1.2	11	24	194	2.91
ZZ26315		0.28	0.001	<0.2	1.67	3	<10	100	1.4	<2	0.92	<0.5	5	23	8	2.73
ZZ26316		0.26	0.001	<0.2	2.16	4	<10	100	1.1	<2	1.08	<0.5	6	21	6	2.46
ZZ26317		0.28	0.002	0.2	1.92	3	<10	70	1.5	4	1.17	<0.5	6	21	26	2.38
ZZ26318		0.26	0.003	0.2	2.50	5	<10	120	1.3	2	1.25	0.5	14	22	18	2.53
ZZ26319		0.28	0.010	0.3	2.39	8	<10	90	1.5	5	1.18	<0.5	8	25	32	2.73
ZZ26320		0.22	0.002	<0.2	1.77	8	<10	150	0.5	3	0.22	<0.5	13	201	13	3.43
ZZ26321		0.26	0.206	7.9	2.38	142	<10	180	1.2	15	0.89	1.0	14	30	224	3.68
ZZ26322		0.26	0.004	0.4	2.03	48	<10	130	1.5	5	0.57	0.5	10	27	46	2.99
ZZ26323		0.24	0.005	0.2	2.04	41	<10	130	1.0	4	0.71	0.5	9	20	61	2.62
ZZ26324		0.18	0.002	0.2	2.44	13	<10	160	1.3	2	0.77	0.6	8	21	41	2.79
ZZ26325		0.22	0.002	<0.2	2.38	11	<10	150	1.3	2	1.07	<0.5	10	20	33	2.70
ZZ26326		0.30	0.003	<0.2	2.15	13	<10	120	1.3	<2	0.75	<0.5	10	20	46	2.47
ZZ26327		0.30	0.003	0.4	2.88	15	<10	150	1.4	4	1.14	0.8	9	17	42	2.46
ZZ26328		0.34	0.007	0.4	3.04	40	<10	130	2.1	3	0.89	0.5	12	23	57	3.37
ZZ26329		0.26	<0.001	<0.2	3.41	8	<10	230	0.9	6	1.12	<0.5	25	108	39	3.42
ZZ26330		0.24	<0.001	<0.2	3.38	11	<10	110	1.1	2	1.24	0.5	22	107	40	3.38
ZZ26331		0.28	0.004	0.2	3.24	35	<10	110	2.0	4	1.48	0.5	12	20	37	3.01
ZZ26332		0.32	0.004	0.4	1.96	48	<10	340	1.6	2	0.81	3.4	16	24	33	3.62
ZZ26333		0.30	0.005	0.6	2.49	45	<10	210	2.2	4	1.30	1.1	13	27	28	3.52



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		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26294		10	<1	0.08	20	0.51	410	<1	0.03	17	1030	18	0.02	2	3	319
ZZ26295		10	<1	0.12	10	0.65	622	1	0.01	32	1110	23	0.04	2	3	72
ZZ26296		10	<1	0.25	50	0.38	12150	17	0.02	12	1340	60	0.26	5	8	69
ZZ26297		10	<1	0.14	30	0.56	627	12	0.01	17	1330	140	0.06	3	4	91
ZZ26298		10	<1	0.13	30	0.62	874	3	0.02	9	1350	160	0.02	3	6	138
ZZ26299		10	<1	0.20	30	0.90	515	3	0.02	14	920	58	0.13	4	4	208
ZZ26300		10	<1	0.49	20	1.26	525	<1	0.01	16	1560	37	0.03	3	7	109
ZZ26301		10	<1	0.31	30	0.81	648	<1	0.03	14	1640	32	0.02	<2	4	60
ZZ26302		10	<1	0.13	30	0.71	777	<1	0.03	14	1340	62	0.02	2	4	108
ZZ26303		10	<1	0.20	20	0.53	331	2	0.04	8	1110	35	0.03	<2	2	102
ZZ26304		10	1	0.15	20	0.45	266	<1	0.03	7	1100	22	0.01	2	2	60
ZZ26305		<10	1	0.11	20	0.43	400	<1	0.03	13	1320	40	0.02	<2	2	88
ZZ26306		10	<1	0.09	10	0.43	461	<1	0.03	16	930	67	0.03	2	2	73
ZZ26307		<10	<1	0.12	20	0.39	303	<1	0.04	12	1310	20	0.01	<2	2	86
ZZ26308		10	<1	0.13	30	0.47	397	<1	0.05	18	1290	50	0.03	<2	3	99
ZZ26309		10	<1	0.19	30	1.58	1055	<1	0.07	53	2190	12	0.02	3	6	483
ZZ26310		10	<1	0.11	20	0.54	611	<1	<0.01	16	1340	36	0.03	<2	3	40
ZZ26311		10	<1	0.19	30	0.60	757	2	0.04	21	1270	75	0.04	<2	3	99
ZZ26312		10	<1	0.18	20	0.58	794	3	0.02	19	1550	81	0.05	<2	3	96
ZZ26313		10	1	0.16	20	0.50	394	<1	0.01	14	1390	27	0.02	<2	2	73
ZZ26314		10	1	0.16	40	0.56	544	2	0.01	15	1310	166	0.02	3	3	78
ZZ26315		10	1	0.17	20	0.50	309	<1	0.01	6	1390	19	0.01	<2	2	61
ZZ26316		10	<1	0.21	20	0.52	245	<1	0.03	8	1380	13	0.01	<2	3	46
ZZ26317		10	<1	0.13	20	0.54	360	<1	0.02	10	1760	28	0.01	<2	2	76
ZZ26318		10	<1	0.17	20	0.47	651	<1	0.03	24	1360	42	0.01	<2	2	71
ZZ26319		10	<1	0.19	20	0.57	866	<1	0.04	13	1410	91	0.01	<2	3	101
ZZ26320		10	<1	0.26	10	1.27	498	1	0.01	34	730	19	0.07	<2	3	38
ZZ26321		10	<1	0.17	20	0.72	1285	2	0.02	20	1390	955	0.06	4	4	103
ZZ26322		10	<1	0.11	10	0.55	497	1	0.01	13	910	63	0.03	<2	3	53
ZZ26323		10	1	0.16	20	0.48	433	1	0.01	10	1130	53	0.03	<2	2	73
ZZ26324		10	<1	0.20	20	0.60	432	1	0.02	10	1260	61	0.04	2	3	95
ZZ26325		10	<1	0.30	20	0.55	541	<1	0.04	8	1250	27	0.01	2	3	93
ZZ26326		10	<1	0.14	20	0.52	375	1	0.01	9	1020	40	0.02	<2	3	119
ZZ26327		10	<1	0.21	20	0.51	564	<1	0.04	8	1060	89	0.01	<2	3	102
ZZ26328		10	<1	0.18	30	0.58	557	4	0.02	11	1250	108	0.01	<2	5	160
ZZ26329		10	<1	0.80	10	2.62	441	<1	0.02	129	1340	11	0.01	2	3	339
ZZ26330		10	<1	0.62	10	2.40	506	<1	0.02	122	1470	19	0.03	<2	3	200
ZZ26331		10	<1	0.21	30	0.50	875	11	0.06	13	1300	77	0.02	3	4	265
ZZ26332		10	1	0.22	40	0.52	2510	9	0.01	14	1790	159	0.01	3	6	202
ZZ26333		10	1	0.28	40	0.62	1095	2	0.02	12	1860	154	0.01	3	5	271



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26294		<20	0.06	<10	<10	63	<10	50
ZZ26295		<20	0.12	<10	<10	85	<10	75
ZZ26296		20	0.03	<10	20	43	<10	119
ZZ26297		20	0.06	<10	20	62	<10	99
ZZ26298		40	0.02	<10	10	47	<10	176
ZZ26299		<20	0.05	<10	10	67	<10	92
ZZ26300		<20	0.19	<10	<10	108	<10	97
ZZ26301		<20	0.13	<10	<10	73	<10	67
ZZ26302		20	0.04	<10	<10	36	10	77
ZZ26303		20	0.05	<10	<10	44	<10	47
ZZ26304		20	0.09	<10	<10	55	<10	43
ZZ26305		20	0.08	<10	<10	65	<10	75
ZZ26306		<20	0.09	<10	<10	59	<10	99
ZZ26307		<20	0.11	<10	<10	66	<10	45
ZZ26308		<20	0.09	<10	<10	58	<10	109
ZZ26309		<20	0.28	<10	<10	77	<10	94
ZZ26310		<20	0.07	<10	<10	67	<10	73
ZZ26311		<20	0.11	<10	<10	62	<10	132
ZZ26312		<20	0.11	<10	<10	69	<10	133
ZZ26313		20	0.10	<10	<10	62	<10	66
ZZ26314		20	0.08	<10	<10	61	20	321
ZZ26315		20	0.06	<10	<10	58	<10	35
ZZ26316		30	0.08	<10	<10	54	<10	38
ZZ26317		30	0.04	<10	10	55	<10	66
ZZ26318		20	0.04	<10	<10	54	<10	85
ZZ26319		50	0.05	<10	10	61	<10	78
ZZ26320		<20	0.26	<10	<10	109	<10	66
ZZ26321		20	0.11	<10	<10	68	30	265
ZZ26322		<20	0.09	<10	<10	64	<10	107
ZZ26323		<20	0.06	<10	<10	52	<10	157
ZZ26324		<20	0.08	<10	<10	50	<10	356
ZZ26325		20	0.08	<10	<10	51	<10	64
ZZ26326		<20	0.05	<10	<10	46	<10	135
ZZ26327		20	0.04	<10	<10	39	<10	275
ZZ26328		30	0.05	<10	10	65	<10	244
ZZ26329		<20	0.22	<10	<10	63	<10	67
ZZ26330		<20	0.23	<10	<10	67	<10	69
ZZ26331		20	0.05	<10	10	51	<10	103
ZZ26332		20	0.08	<10	<10	60	<10	197
ZZ26333		20	0.07	<10	<10	69	<10	117



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CERTIFICATE OF ANALYSIS WH11157549

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26334		0.42	0.009	3.4	2.39	82	<10	230	2.1	5	1.19	3.1	18	25	90	3.78
ZZ26335		0.38	0.001	0.2	2.26	42	<10	190	1.7	3	1.03	0.5	13	36	27	3.47
ZZ26336		0.26	0.004	<0.2	2.65	31	<10	140	2.5	3	1.32	<0.5	14	26	40	3.14
ZZ26337		0.42	0.008	0.4	2.01	88	<10	140	1.7	3	0.89	1.0	10	21	33	3.13
ZZ26338		0.32	0.003	0.3	1.90	47	<10	130	1.3	3	0.90	0.8	11	28	33	2.77
ZZ26339		0.34	0.003	0.3	1.83	44	<10	170	1.2	6	0.71	<0.5	10	34	26	2.91
ZZ26340		0.38	0.002	0.3	2.43	29	<10	150	1.6	7	1.07	<0.5	12	29	107	2.82
ZZ26341		0.26	0.004	0.3	2.12	26	<10	130	1.1	6	0.33	<0.5	10	39	32	3.47
ZZ26342		0.22	0.002	0.6	2.71	36	<10	190	1.3	7	0.74	<0.5	16	47	32	3.65
ZZ26343		0.40	0.004	<0.2	3.45	11	<10	240	1.3	4	1.32	<0.5	19	81	30	4.23
ZZ26344		0.28	0.004	<0.2	3.01	14	<10	260	1.1	3	0.63	0.5	18	63	40	4.05
ZZ26345		0.36	0.005	<0.2	2.80	7	<10	250	0.7	3	0.52	<0.5	15	53	22	3.72
ZZ26346		0.30	0.003	<0.2	2.68	10	<10	210	0.7	<2	0.47	<0.5	16	60	30	3.71
ZZ26347		0.24	0.003	<0.2	2.46	5	<10	180	0.6	<2	0.42	<0.5	13	63	27	3.60
ZZ26348		0.12	<0.001	0.2	2.27	8	<10	270	0.5	<2	0.53	<0.5	15	64	23	3.44
ZZ26349		0.40	0.003	<0.2	3.57	45	<10	200	1.4	<2	1.09	<0.5	21	84	49	4.00
ZZ26350		0.20	0.004	<0.2	3.72	10	<10	290	1.1	<2	0.79	<0.5	23	85	41	3.97
ZZ26351		0.22	0.005	<0.2	4.05	20	<10	140	1.7	<2	1.01	<0.5	23	38	58	4.24
ZZ26352		0.24	0.017	0.5	4.25	51	<10	40	1.7	2	1.41	<0.5	45	34	166	10.55
ZZ26353		0.22	0.002	<0.2	3.75	10	<10	200	1.4	<2	1.08	<0.5	17	56	29	3.82
ZZ26354		0.28	<0.001	<0.2	3.82	4	<10	400	1.1	<2	0.83	<0.5	18	96	24	4.10
ZZ26355		0.26	0.002	<0.2	3.92	12	<10	390	1.3	<2	1.10	<0.5	21	82	35	4.10
ZZ26356		0.20	0.002	<0.2	4.01	12	<10	520	1.1	<2	0.44	<0.5	25	86	41	4.35
ZZ26357		0.22	0.005	<0.2	3.15	14	<10	230	1.0	<2	0.89	<0.5	33	67	42	4.76
ZZ26358		0.22	0.003	<0.2	3.46	13	<10	200	1.3	<2	1.14	<0.5	20	63	43	4.59
ZZ26359		0.26	0.010	0.7	2.93	97	<10	180	1.6	3	1.09	2.4	19	65	74	4.07
ZZ26360		0.22	0.005	0.3	2.44	24	<10	120	1.6	<2	0.57	<0.5	13	35	51	3.27
ZZ26361		0.24	0.017	1.3	2.97	217	<10	100	2.4	4	1.04	<0.5	17	27	121	3.48
ZZ26362		0.26	0.006	0.6	2.89	35	<10	100	2.3	<2	1.11	<0.5	13	28	75	3.02
ZZ26363		0.20	0.004	<0.2	2.18	10	<10	150	0.6	<2	0.46	<0.5	13	114	58	4.35
ZZ26364		0.24	0.009	0.3	2.28	24	<10	190	1.0	<2	0.52	<0.5	22	35	167	4.43
ZZ26365		0.26	0.010	0.5	2.46	37	<10	90	1.7	<2	1.19	0.5	8	17	35	3.14
ZZ26366		0.26	0.001	<0.2	3.35	16	<10	120	1.5	<2	1.44	<0.5	8	23	39	2.89



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26334		10	<1	0.29	40	0.67	1290	4	0.02	13	2080	1190	0.02	8	6	408
ZZ26335		10	<1	0.25	30	0.70	602	2	0.01	13	1730	40	0.02	2	5	288
ZZ26336		10	1	0.26	30	0.66	482	2	0.01	11	1550	35	0.02	<2	4	190
ZZ26337		10	<1	0.22	30	0.59	576	3	0.01	9	1400	153	0.05	2	4	146
ZZ26338		10	1	0.24	20	0.69	370	3	0.01	9	1580	130	0.06	2	4	130
ZZ26339		10	<1	0.28	20	0.73	402	2	0.01	10	1450	83	0.04	<2	4	134
ZZ26340		10	<1	0.26	20	0.61	488	2	0.02	13	1260	51	0.02	2	3	179
ZZ26341		10	<1	0.10	20	0.53	527	3	0.01	15	1090	67	0.07	<2	3	67
ZZ26342		10	<1	0.35	10	1.25	522	1	0.01	14	930	58	0.09	<2	5	83
ZZ26343		10	1	0.53	10	1.86	668	<1	0.03	31	1670	17	0.06	<2	7	197
ZZ26344		10	1	0.36	10	1.32	616	1	0.02	32	1530	23	0.05	<2	5	123
ZZ26345		10	1	0.29	10	1.16	466	<1	0.03	33	1000	9	0.07	<2	4	91
ZZ26346		10	<1	0.33	10	1.15	476	1	0.02	35	1250	20	0.07	<2	4	83
ZZ26347		10	<1	0.26	10	1.04	408	<1	0.03	29	1060	18	0.08	<2	3	62
ZZ26348		10	1	0.49	10	1.45	621	1	0.03	34	1180	19	0.11	<2	5	121
ZZ26349		10	<1	0.53	20	2.00	679	1	0.05	61	1790	19	0.04	2	6	189
ZZ26350		10	<1	0.52	10	1.77	611	<1	0.03	62	1520	17	0.03	2	5	164
ZZ26351		10	<1	0.27	10	1.08	596	1	0.04	20	1600	27	0.06	3	4	427
ZZ26352		10	<1	0.13	10	0.37	213	7	0.09	16	2920	43	0.12	4	2	484
ZZ26353		10	<1	0.50	10	1.33	555	<1	0.03	21	1460	17	0.04	<2	5	383
ZZ26354		10	<1	0.82	10	1.97	681	<1	0.04	40	1480	15	0.04	3	6	240
ZZ26355		10	<1	0.69	10	1.80	870	<1	0.06	31	1720	38	0.04	2	7	431
ZZ26356		10	1	0.81	10	2.07	895	1	0.04	39	1100	34	0.09	3	8	105
ZZ26357		10	<1	0.65	10	1.40	792	<1	0.04	31	1720	43	0.07	2	6	196
ZZ26358		10	1	0.43	10	1.37	678	<1	0.04	14	1610	38	0.04	<2	7	145
ZZ26359		10	<1	0.48	10	1.25	813	<1	0.04	24	1850	157	0.08	3	5	186
ZZ26360		10	<1	0.31	20	0.83	522	2	0.02	12	750	49	0.03	2	5	51
ZZ26361		10	1	0.38	30	0.85	1045	4	0.05	10	950	212	0.09	5	5	274
ZZ26362		10	1	0.39	20	0.82	543	2	0.05	9	1080	249	0.02	4	4	194
ZZ26363		10	<1	0.44	20	1.31	553	1	0.02	33	1730	27	0.07	2	3	65
ZZ26364		10	<1	0.63	20	1.20	757	7	0.03	35	1420	53	0.19	2	5	122
ZZ26365		10	<1	0.27	30	0.48	1060	3	0.06	12	1330	439	0.06	3	4	247
ZZ26366		10	<1	0.27	20	0.54	554	3	0.08	33	1260	42	0.04	<2	3	248



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
		20	0.01	10	10	1	10	2
ZZ26334		30	0.08	<10	10	65	<10	529
ZZ26335		20	0.08	<10	<10	75	<10	87
ZZ26336		30	0.05	<10	10	64	<10	67
ZZ26337		20	0.07	<10	10	56	<10	226
ZZ26338		<20	0.09	<10	<10	63	<10	215
ZZ26339		20	0.12	<10	<10	68	<10	110
ZZ26340		20	0.10	<10	<10	63	<10	111
ZZ26341		<20	0.10	<10	<10	78	<10	114
ZZ26342		<20	0.22	<10	<10	109	<10	128
ZZ26343		<20	0.25	<10	<10	134	<10	83
ZZ26344		<20	0.23	<10	<10	119	<10	102
ZZ26345		<20	0.22	<10	<10	108	<10	74
ZZ26346		<20	0.18	<10	<10	112	<10	85
ZZ26347		<20	0.18	<10	<10	108	<10	72
ZZ26348		<20	0.25	<10	<10	111	<10	77
ZZ26349		<20	0.26	<10	<10	109	<10	83
ZZ26350		<20	0.22	<10	<10	106	<10	72
ZZ26351		<20	0.08	<10	<10	116	<10	63
ZZ26352		<20	0.03	<10	<10	74	<10	38
ZZ26353		<20	0.14	<10	<10	118	<10	64
ZZ26354		<20	0.26	<10	<10	131	<10	91
ZZ26355		<20	0.22	<10	<10	134	<10	120
ZZ26356		<20	0.27	<10	<10	135	<10	146
ZZ26357		<20	0.25	<10	<10	136	<10	141
ZZ26358		<20	0.17	<10	<10	149	<10	118
ZZ26359		<20	0.18	<10	<10	116	<10	709
ZZ26360		20	0.14	<10	<10	75	<10	100
ZZ26361		40	0.11	<10	10	64	<10	143
ZZ26362		30	0.13	<10	10	66	<10	76
ZZ26363		<20	0.32	<10	<10	158	<10	72
ZZ26364		<20	0.30	<10	<10	103	<10	117
ZZ26365		20	0.07	<10	10	54	<10	142
ZZ26366		20	0.07	<10	10	59	<10	70



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Project: 000
 P.O. No.:
 This report is for 185 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12- AUG- 2011.
 The following have access to data associated with this certificate:
 JOAN MARIACHER HEATHER SMITH

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- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ25579		0.28	0.002	0.2	1.80	12	<10	110	1.0	<2	0.52	<0.5	11	32	35	3.10
ZZ25580		0.22	0.006	0.2	2.01	9	<10	130	0.8	2	0.32	<0.5	10	35	33	3.35
ZZ25581		0.36	0.001	<0.2	1.95	9	<10	130	0.8	<2	0.30	<0.5	11	36	27	3.36
ZZ25582		0.32	<0.001	<0.2	2.03	5	<10	130	0.9	<2	0.50	<0.5	10	30	24	3.01
ZZ25583		0.28	0.001	<0.2	2.30	3	<10	110	1.0	<2	0.81	<0.5	9	26	32	2.67
ZZ25584		0.30	0.003	<0.2	2.17	8	<10	150	1.1	<2	0.46	<0.5	8	30	28	3.00
ZZ25585		0.40	0.001	<0.2	2.71	4	<10	190	1.1	<2	0.70	<0.5	8	25	22	2.53
ZZ25586		0.26	<0.001	<0.2	1.79	7	<10	80	0.6	<2	0.19	<0.5	8	33	27	3.11
ZZ25587		0.36	0.002	<0.2	1.94	6	<10	100	1.0	2	0.43	<0.5	10	34	26	3.08
ZZ25588		0.36	<0.001	<0.2	2.35	2	<10	120	1.0	<2	0.63	<0.5	9	21	27	2.55
ZZ25589		0.40	<0.001	<0.2	2.73	10	<10	130	1.1	<2	0.69	<0.5	6	21	19	2.76
ZZ25590		0.22	0.001	0.6	2.78	12	<10	140	1.7	<2	0.56	<0.5	10	26	36	3.03
ZZ25591		0.50	0.007	0.3	2.41	50	<10	140	1.2	2	0.54	0.5	10	28	81	3.26
ZZ25592		0.54	0.002	<0.2	2.22	13	<10	160	0.8	2	0.50	<0.5	6	24	43	2.69
ZZ25593		0.24	0.061	0.9	2.28	14	<10	120	1.0	2	0.66	<0.5	10	31	115	3.28
ZZ25594		0.36	0.004	<0.2	2.14	7	<10	150	1.2	<2	0.70	<0.5	10	29	63	3.02
ZZ25595		0.38	0.001	<0.2	2.51	7	<10	150	1.0	2	0.99	<0.5	10	20	52	2.49
ZZ25596		0.32	0.002	<0.2	2.31	21	<10	120	1.4	<2	0.94	<0.5	13	24	70	2.91
ZZ25597		0.34	0.001	<0.2	1.66	9	<10	110	0.7	2	0.44	<0.5	10	29	34	3.00
ZZ25598		0.36	0.003	<0.2	2.04	5	<10	130	1.0	<2	0.53	<0.5	9	27	38	3.04
ZZ25599		0.40	0.002	<0.2	1.69	6	<10	120	0.8	<2	0.44	<0.5	12	29	40	2.89
ZZ25600		0.40	<0.001	0.2	2.12	14	<10	120	0.9	<2	0.58	<0.5	11	27	48	2.87
ZZ25601		0.26	0.001	<0.2	1.71	7	<10	110	0.6	2	0.28	<0.5	7	28	21	2.65
ZZ25602		0.32	0.003	0.7	2.02	24	<10	180	1.0	7	0.50	0.6	10	32	68	3.02
ZZ25603		0.30	0.005	<0.2	1.74	7	<10	120	1.0	2	0.49	<0.5	7	28	27	2.79
ZZ25604		0.24	0.002	0.5	1.81	7	<10	160	0.7	4	0.33	0.5	9	26	145	2.72
ZZ25605		0.34	0.001	<0.2	1.82	6	<10	110	0.5	<2	0.32	<0.5	8	32	23	2.82
ZZ25606		0.40	0.004	<0.2	1.78	<2	<10	120	0.6	<2	0.60	<0.5	6	24	47	2.27
ZZ25607		0.52	<0.001	<0.2	1.82	7	<10	140	1.1	<2	0.59	<0.5	7	24	45	2.50
ZZ25608		0.32	0.013	0.2	1.84	33	<10	100	0.5	58	0.24	<0.5	8	34	50	3.29
ZZ25609		0.38	0.002	<0.2	1.73	11	<10	170	0.6	4	0.31	<0.5	7	28	29	3.04
ZZ25610		0.30	0.001	0.3	2.51	19	<10	140	1.1	3	0.34	0.6	7	25	35	3.60
ZZ25611		0.52	0.007	0.3	1.90	22	<10	170	1.2	2	0.58	<0.5	8	24	72	3.66
ZZ25612		0.32	0.002	<0.2	2.25	26	<10	130	0.9	3	0.35	<0.5	8	30	50	3.14
ZZ25613		0.50	0.002	0.2	2.17	8	<10	90	1.4	3	0.67	<0.5	6	22	40	2.46
ZZ25614		0.30	0.001	<0.2	1.45	8	<10	110	0.8	3	0.60	<0.5	6	32	29	3.05
ZZ25615		0.50	0.004	0.2	2.33	14	<10	140	1.2	3	0.64	<0.5	8	37	49	3.16
ZZ25616		0.38	0.006	0.8	2.14	23	<10	140	0.9	7	0.35	<0.5	10	26	53	2.72
ZZ25617		0.22	0.002	0.8	2.60	37	<10	210	1.3	3	0.47	<0.5	11	37	30	3.43
ZZ25618		0.30	0.001	<0.2	2.52	50	<10	170	1.3	2	0.22	<0.5	15	34	23	3.59



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ25579		10	<1	0.12	20	0.55	514	1	0.03	18	1350	22	0.04	2	4	55
ZZ25580		10	<1	0.11	10	0.59	483	1	0.02	23	890	22	0.07	<2	2	30
ZZ25581		10	<1	0.07	10	0.58	474	1	0.01	25	830	18	0.04	<2	3	33
ZZ25582		10	<1	0.12	20	0.55	497	1	0.01	20	1070	25	0.03	<2	3	44
ZZ25583		10	<1	0.19	20	0.54	362	1	0.01	13	1250	20	0.02	<2	3	84
ZZ25584		10	<1	0.08	10	0.53	394	1	0.03	20	920	22	0.06	<2	2	65
ZZ25585		10	<1	0.11	10	0.53	415	1	0.03	16	980	24	0.02	2	2	363
ZZ25586		10	1	0.07	10	0.45	357	3	0.01	24	650	23	0.05	<2	2	23
ZZ25587		10	1	0.14	20	0.58	535	1	0.01	24	1300	22	0.02	<2	3	36
ZZ25588		10	<1	0.16	20	0.50	464	1	0.02	12	1020	32	0.05	<2	2	92
ZZ25589		10	<1	0.21	10	0.51	321	1	0.03	10	910	43	0.04	<2	2	84
ZZ25590		10	1	0.17	10	0.59	569	2	0.02	18	1320	50	0.12	<2	2	93
ZZ25591		10	<1	0.12	20	0.57	448	5	0.03	17	1170	63	0.04	<2	3	81
ZZ25592		10	<1	0.10	10	0.47	265	2	0.02	12	730	30	0.03	<2	2	131
ZZ25593		10	1	0.15	20	0.50	424	3	0.03	23	1270	177	0.03	<2	3	66
ZZ25594		10	<1	0.19	20	0.59	448	2	0.03	24	1190	30	0.01	<2	3	91
ZZ25595		10	<1	0.12	10	0.47	424	<1	0.04	12	900	29	0.03	<2	2	90
ZZ25596		10	<1	0.23	20	0.48	499	4	0.04	16	1430	36	0.02	<2	3	88
ZZ25597		10	<1	0.11	10	0.48	350	1	0.02	19	1030	17	0.03	<2	2	36
ZZ25598		10	<1	0.16	20	0.55	417	1	0.02	17	1320	32	0.02	<2	3	66
ZZ25599		<10	<1	0.12	20	0.50	529	1	0.01	22	1300	26	0.02	<2	3	45
ZZ25600		10	<1	0.14	20	0.50	455	1	0.03	21	1150	33	0.03	<2	3	93
ZZ25601		<10	<1	0.08	10	0.45	332	<1	0.01	19	600	21	0.02	<2	2	36
ZZ25602		10	<1	0.13	20	0.57	613	1	0.02	23	1200	68	0.02	<2	4	91
ZZ25603		10	<1	0.09	20	0.46	510	<1	0.01	16	1200	32	0.01	<2	3	70
ZZ25604		10	1	0.11	10	0.50	394	1	0.01	19	960	32	0.03	<2	2	45
ZZ25605		10	1	0.06	10	0.45	306	<1	0.01	20	860	13	0.03	<2	2	28
ZZ25606		<10	<1	0.12	10	0.40	203	<1	0.03	14	1010	26	0.01	<2	2	66
ZZ25607		<10	<1	0.13	20	0.45	671	1	0.03	14	1120	57	0.01	<2	3	224
ZZ25608		10	1	0.07	10	0.47	435	1	0.01	22	590	66	0.06	10	2	35
ZZ25609		10	<1	0.08	10	0.43	450	1	0.01	15	680	32	0.04	<2	2	54
ZZ25610		10	<1	0.08	20	0.44	1065	1	0.02	18	930	186	0.04	<2	3	69
ZZ25611		10	<1	0.22	30	0.51	2120	1	0.02	12	1250	40	0.04	<2	4	240
ZZ25612		10	<1	0.09	10	0.54	489	1	0.02	20	810	28	0.05	<2	3	73
ZZ25613		10	<1	0.15	20	0.57	324	1	0.03	11	870	35	0.02	<2	3	93
ZZ25614		<10	<1	0.17	20	0.49	328	1	0.02	11	1380	27	0.01	<2	2	73
ZZ25615		10	<1	0.22	20	0.72	482	2	0.02	15	1160	43	0.03	<2	4	101
ZZ25616		10	1	0.09	20	0.51	421	6	0.02	14	910	50	0.08	3	3	98
ZZ25617		10	1	0.08	20	0.65	615	4	0.02	13	1260	87	0.13	4	3	128
ZZ25618		10	1	0.09	10	0.55	728	4	0.01	12	1050	44	0.07	2	2	99



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
		20	0.01	10	10	1	10	2
ZZ25579		20	0.12	<10	10	75	<10	70
ZZ25580		<20	0.12	<10	<10	78	<10	63
ZZ25581		<20	0.11	<10	<10	80	<10	72
ZZ25582		<20	0.09	<10	<10	64	<10	66
ZZ25583		<20	0.06	<10	<10	58	<10	50
ZZ25584		<20	0.08	<10	<10	66	<10	58
ZZ25585		<20	0.05	<10	<10	57	<10	60
ZZ25586		<20	0.11	<10	<10	75	<10	68
ZZ25587		<20	0.13	<10	<10	73	<10	70
ZZ25588		<20	0.05	<10	<10	52	<10	54
ZZ25589		<20	0.07	<10	<10	60	<10	77
ZZ25590		<20	0.07	<10	10	63	<10	91
ZZ25591		<20	0.10	<10	<10	69	<10	194
ZZ25592		<20	0.07	<10	<10	61	<10	67
ZZ25593		<20	0.11	<10	<10	75	<10	117
ZZ25594		20	0.13	<10	10	68	<10	75
ZZ25595		<20	0.06	<10	<10	54	<10	58
ZZ25596		20	0.09	<10	<10	65	<10	61
ZZ25597		<20	0.11	<10	<10	75	<10	55
ZZ25598		20	0.13	<10	<10	71	<10	66
ZZ25599		<20	0.11	<10	<10	69	<10	72
ZZ25600		<20	0.12	<10	10	66	<10	79
ZZ25601		<20	0.11	<10	<10	65	<10	60
ZZ25602		<20	0.14	<10	<10	69	<10	123
ZZ25603		<20	0.10	<10	<10	65	<10	74
ZZ25604		<20	0.13	<10	<10	59	30	137
ZZ25605		<20	0.11	<10	<10	69	<10	54
ZZ25606		<20	0.12	<10	<10	57	<10	68
ZZ25607		<20	0.11	<10	<10	58	<10	103
ZZ25608		<20	0.10	<10	<10	75	<10	105
ZZ25609		<20	0.12	<10	<10	69	<10	80
ZZ25610		<20	0.05	<10	<10	59	<10	338
ZZ25611		20	0.09	<10	<10	66	<10	108
ZZ25612		<20	0.09	<10	<10	68	<10	70
ZZ25613		20	0.07	<10	<10	56	<10	66
ZZ25614		<20	0.11	<10	<10	84	<10	62
ZZ25615		<20	0.13	<10	<10	81	<10	78
ZZ25616		<20	0.08	<10	10	56	<10	81
ZZ25617		<20	0.08	<10	10	74	<10	119
ZZ25618		<20	0.09	<10	10	75	<10	75



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ25619		0.36	0.003	0.2	2.12	9	<10	190	1.1	3	0.49	<0.5	11	30	75	2.98
ZZ25620		0.28	0.001	0.2	2.03	5	<10	140	0.6	12	0.33	<0.5	13	35	54	3.02
ZZ25621		0.40	<0.001	<0.2	2.71	2	<10	80	1.6	2	0.96	<0.5	7	16	22	2.11
ZZ25622		0.34	0.001	<0.2	2.11	2	<10	150	0.9	2	0.57	<0.5	9	30	18	2.76
ZZ25623		0.38	0.002	<0.2	2.40	4	<10	130	1.2	2	0.78	<0.5	10	22	23	2.66
ZZ25624		0.24	0.002	0.4	2.46	14	<10	150	1.2	<2	0.48	<0.5	12	25	43	2.88
ZZ25625		0.38	0.002	<0.2	2.30	13	<10	150	1.4	4	0.81	<0.5	10	31	36	3.02
ZZ25626		0.22	0.005	1.0	2.28	68	<10	120	1.4	3	0.68	0.8	12	25	58	3.30
ZZ25627		0.44	0.002	<0.2	2.03	13	<10	60	1.4	3	0.69	<0.5	8	15	26	2.22
ZZ25628		0.32	0.002	<0.2	1.93	<2	<10	120	1.1	<2	0.55	<0.5	8	21	66	2.39
ZZ25629		0.24	0.001	<0.2	2.07	3	<10	160	0.7	<2	0.55	<0.5	9	23	27	2.34
ZZ25630		0.34	0.003	<0.2	2.28	<2	<10	150	0.6	<2	0.52	<0.5	8	24	24	2.53
ZZ25631		0.26	<0.001	<0.2	2.74	5	<10	160	1.2	<2	0.59	<0.5	13	20	34	2.60
ZZ25632		0.26	<0.001	<0.2	2.19	6	<10	130	0.8	<2	0.30	<0.5	11	30	21	3.08
ZZ25633		0.30	<0.001	0.2	2.91	13	<10	120	1.3	3	0.52	<0.5	12	26	31	3.02
ZZ25634		0.36	0.006	0.7	3.08	70	<10	130	1.9	3	1.19	0.7	13	22	103	3.38
ZZ25635		0.24	<0.001	<0.2	1.18	11	<10	80	<0.5	<2	0.24	<0.5	8	15	21	1.93
ZZ25636		0.30	0.169	1.8	2.73	171	<10	90	2.4	5	0.76	4.3	14	23	92	4.47
ZZ25637		0.40	0.004	<0.2	2.11	8	<10	130	0.6	2	0.35	<0.5	11	34	34	3.28
ZZ25638		0.36	0.002	<0.2	2.09	3	<10	100	0.5	2	0.25	<0.5	11	31	22	2.69
ZZ25639		0.36	0.004	<0.2	1.78	2	<10	130	0.6	<2	0.51	<0.5	10	28	14	2.65
ZZ25640		0.22	0.005	<0.2	1.89	5	<10	90	0.9	<2	0.56	<0.5	11	25	23	2.62
ZZ25641		0.22	0.003	<0.2	1.61	2	<10	100	0.5	<2	0.36	<0.5	10	28	15	2.63
ZZ25642		0.42	0.002	<0.2	2.12	<2	<10	130	0.8	<2	0.69	<0.5	10	24	20	2.64
ZZ25643		0.28	0.004	<0.2	1.90	6	<10	130	0.7	2	0.37	<0.5	12	29	33	2.83
ZZ25644		0.24	0.005	<0.2	2.10	9	<10	140	0.8	2	0.33	<0.5	11	30	43	2.95
ZZ25645		0.28	0.004	0.2	1.96	13	<10	110	0.5	3	0.24	<0.5	12	34	43	3.08
ZZ25646		0.22	0.008	0.2	2.21	33	<10	130	0.7	<2	0.37	<0.5	10	29	36	2.96
ZZ25647		0.32	0.003	<0.2	1.99	7	<10	70	0.5	<2	0.15	<0.5	9	32	24	3.11
ZZ25648		0.30	0.002	<0.2	1.97	3	<10	120	0.6	<2	0.31	<0.5	9	29	13	2.81
ZZ25649		0.42	0.004	<0.2	2.22	4	<10	120	0.8	<2	0.45	<0.5	10	28	17	2.69
ZZ25650		0.26	0.003	<0.2	1.93	<2	<10	110	0.6	<2	0.57	<0.5	8	22	22	2.26
ZZ25651		0.28	0.012	0.4	2.56	104	<10	110	2.1	2	0.67	1.5	18	25	35	4.77
ZZ25652		0.24	0.001	0.2	3.05	28	<10	110	1.4	<2	0.88	<0.5	11	25	30	3.37
ZZ25653		0.24	0.005	<0.2	2.05	7	<10	120	0.7	<2	0.36	<0.5	10	34	27	3.04
ZZ25654		0.26	0.006	0.2	1.99	27	<10	150	0.8	<2	0.37	<0.5	17	36	86	3.74
ZZ25655		0.32	0.006	0.6	3.02	51	<10	150	1.3	2	0.59	<0.5	14	41	63	3.47
ZZ25656		0.26	0.003	<0.2	3.14	10	<10	100	1.6	<2	1.31	<0.5	15	36	72	3.52
ZZ25657		0.28	0.006	<0.2	1.79	10	<10	80	1.3	<2	0.51	<0.5	13	32	77	3.05
ZZ25658		0.26	0.005	<0.2	2.66	5	<10	130	2.2	<2	1.26	<0.5	10	23	33	3.15



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		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ25619		10	<1	0.12	20	0.59	417	2	0.02	14	1290	19	0.02	<2	4	115
ZZ25620		10	<1	0.09	10	0.57	449	1	0.02	22	1260	17	0.04	<2	3	50
ZZ25621		10	1	0.10	20	0.44	396	<1	0.04	6	700	37	0.02	<2	2	108
ZZ25622		10	<1	0.19	20	0.62	523	1	0.03	12	1190	25	0.04	<2	2	90
ZZ25623		10	1	0.20	20	0.61	410	1	0.04	9	1340	24	0.02	<2	3	79
ZZ25624		10	<1	0.11	10	0.62	764	2	0.03	10	1040	42	0.09	<2	2	58
ZZ25625		10	1	0.21	20	0.66	607	1	0.02	10	1440	57	0.02	<2	4	162
ZZ25626		10	1	0.14	20	0.49	854	12	0.03	10	1120	246	0.09	2	3	223
ZZ25627		10	<1	0.14	20	0.51	319	<1	0.02	3	1080	32	0.01	<2	2	63
ZZ25628		10	<1	0.16	20	0.48	457	<1	0.02	7	1430	33	0.01	<2	3	155
ZZ25629		10	1	0.14	10	0.42	408	1	0.02	10	940	23	0.04	<2	2	119
ZZ25630		10	1	0.12	10	0.38	240	<1	0.03	11	760	14	0.04	<2	2	70
ZZ25631		10	1	0.22	20	0.45	599	1	0.01	5	1040	28	0.03	<2	3	94
ZZ25632		10	1	0.10	10	0.55	406	1	0.01	15	910	18	0.04	<2	3	29
ZZ25633		10	1	0.11	10	0.53	422	4	0.02	10	1260	43	0.11	<2	2	77
ZZ25634		10	1	0.16	30	0.68	673	4	0.04	15	1580	87	0.02	<2	4	168
ZZ25635		<10	<1	0.08	10	0.28	302	1	0.01	5	740	21	0.02	<2	1	23
ZZ25636		10	1	0.16	30	0.43	6020	4	0.02	8	1300	1030	0.02	7	6	339
ZZ25637		10	1	0.12	10	0.53	553	2	0.01	25	640	121	0.04	<2	3	38
ZZ25638		10	1	0.08	10	0.55	382	1	0.01	25	450	6	0.03	<2	3	21
ZZ25639		<10	1	0.12	10	0.54	358	1	0.02	14	1360	10	0.02	<2	3	35
ZZ25640		<10	<1	0.16	20	0.44	383	1	0.01	14	1160	14	0.02	<2	2	62
ZZ25641		<10	1	0.09	10	0.47	319	1	0.01	17	940	6	0.02	<2	3	23
ZZ25642		10	<1	0.18	20	0.53	385	<1	0.03	10	1350	12	0.01	<2	3	38
ZZ25643		10	<1	0.14	20	0.53	454	1	0.01	17	1130	18	0.03	<2	3	27
ZZ25644		10	<1	0.11	10	0.52	458	1	0.02	18	1100	24	0.07	<2	2	38
ZZ25645		10	1	0.10	10	0.55	429	1	0.01	20	740	33	0.04	<2	3	27
ZZ25646		10	1	0.11	10	0.51	452	1	0.01	16	800	37	0.06	<2	2	36
ZZ25647		10	1	0.06	10	0.44	380	1	0.01	17	560	10	0.05	<2	2	18
ZZ25648		10	1	0.08	10	0.45	326	1	0.01	14	720	9	0.04	<2	2	29
ZZ25649		<10	<1	0.11	10	0.50	339	<1	0.03	15	1000	13	0.02	<2	3	61
ZZ25650		<10	<1	0.12	10	0.39	291	<1	0.03	10	1020	13	0.02	<2	2	62
ZZ25651		10	<1	0.14	40	0.48	3480	6	0.03	14	1320	286	0.02	6	6	131
ZZ25652		10	1	0.17	30	0.56	469	4	0.06	15	980	27	0.05	<2	4	92
ZZ25653		10	<1	0.12	10	0.64	382	1	0.04	22	580	17	0.04	<2	3	86
ZZ25654		10	<1	0.38	20	0.94	519	3	0.04	13	1120	46	0.13	<2	5	40
ZZ25655		10	<1	0.21	10	0.84	535	1	0.06	18	650	75	0.05	<2	4	62
ZZ25656		10	<1	0.34	30	0.99	679	<1	0.07	14	1860	31	0.03	<2	4	147
ZZ25657		10	<1	0.19	20	0.65	476	1	0.04	18	1100	26	0.03	<2	3	79
ZZ25658		10	<1	0.28	30	0.83	742	1	0.05	12	2000	51	0.03	<2	4	156



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ25619		<20	0.11	<10	10	69	<10	71
ZZ25620		<20	0.12	<10	<10	70	<10	76
ZZ25621		20	0.02	<10	<10	40	<10	41
ZZ25622		<20	0.10	<10	<10	70	<10	58
ZZ25623		<20	0.10	<10	<10	64	<10	53
ZZ25624		<20	0.09	<10	<10	60	<10	78
ZZ25625		<20	0.10	<10	<10	74	<10	80
ZZ25626		<20	0.06	<10	10	60	<10	180
ZZ25627		30	0.06	<10	<10	48	<10	62
ZZ25628		20	0.08	<10	<10	54	<10	73
ZZ25629		<20	0.08	<10	<10	57	<10	64
ZZ25630		<20	0.10	<10	<10	58	<10	52
ZZ25631		20	0.05	<10	<10	50	<10	64
ZZ25632		<20	0.11	<10	<10	70	<10	58
ZZ25633		<20	0.04	<10	10	58	<10	64
ZZ25634		20	0.06	<10	10	59	<10	222
ZZ25635		<20	0.06	<10	<10	40	<10	47
ZZ25636		40	0.04	<10	10	56	<10	2510
ZZ25637		<20	0.13	<10	<10	74	<10	92
ZZ25638		<20	0.12	<10	<10	65	<10	54
ZZ25639		<20	0.13	<10	<10	66	<10	55
ZZ25640		<20	0.11	<10	<10	62	<10	59
ZZ25641		<20	0.12	<10	<10	67	<10	46
ZZ25642		30	0.12	<10	<10	60	<10	47
ZZ25643		<20	0.13	<10	<10	67	<10	66
ZZ25644		<20	0.09	<10	<10	67	<10	80
ZZ25645		<20	0.13	<10	<10	71	<10	86
ZZ25646		<20	0.11	<10	<10	68	<10	93
ZZ25647		<20	0.11	<10	<10	73	<10	59
ZZ25648		<20	0.11	<10	<10	66	<10	59
ZZ25649		<20	0.12	<10	<10	65	<10	53
ZZ25650		<20	0.11	<10	<10	56	<10	47
ZZ25651		20	0.07	<10	10	61	<10	260
ZZ25652		<20	0.06	<10	<10	63	<10	60
ZZ25653		<20	0.13	<10	<10	74	<10	61
ZZ25654		<20	0.23	<10	<10	95	<10	86
ZZ25655		<20	0.14	<10	<10	86	<10	107
ZZ25656		20	0.15	<10	<10	90	<10	79
ZZ25657		20	0.14	<10	10	69	<10	72
ZZ25658		20	0.10	<10	<10	74	<10	74



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ25659		0.28	0.009	0.2	1.95	8	<10	130	0.8	<2	0.47	<0.5	9	28	23	3.24
ZZ25660		0.32	0.003	0.2	2.20	6	<10	80	1.6	<2	0.86	<0.5	12	34	30	2.99
ZZ25661		0.28	0.003	<0.2	1.67	8	<10	70	0.7	<2	0.63	<0.5	5	18	21	2.09
ZZ25662		0.28	0.002	<0.2	2.18	3	<10	110	0.8	<2	0.63	<0.5	5	17	19	2.24
ZZ25663		0.24	0.005	<0.2	2.09	6	<10	90	0.6	<2	0.32	<0.5	9	33	41	2.58
ZZ25664		0.28	0.005	<0.2	1.74	3	<10	90	0.9	<2	0.66	<0.5	8	28	37	2.56
ZZ25665		0.20	0.002	<0.2	2.13	10	<10	120	0.6	<2	0.32	<0.5	9	32	26	3.20
ZZ25666		0.28	0.004	<0.2	2.66	4	<10	130	0.8	<2	0.88	<0.5	8	24	17	2.60
ZZ25667		0.30	0.008	0.3	2.04	21	<10	130	0.9	<2	0.47	<0.5	9	30	43	3.17
ZZ25668		0.24	0.004	0.6	3.72	24	<10	120	2.4	<2	1.30	<0.5	6	21	90	3.77
ZZ25669		0.20	0.009	0.4	1.95	57	<10	110	0.7	2	0.38	1.5	9	26	102	2.64
ZZ25670		0.26	0.043	0.5	1.33	450	<10	80	1.8	3	0.48	7.7	12	19	106	2.82
ZZ25671		0.20	0.003	0.2	2.91	17	<10	180	1.1	<2	0.67	0.5	8	23	105	2.66
ZZ25672		0.30	<0.001	<0.2	2.19	5	<10	110	1.0	<2	0.83	<0.5	4	16	9	2.03
ZZ25673		0.24	0.002	<0.2	2.63	5	<10	120	1.2	<2	0.82	<0.5	6	22	10	2.51
ZZ25674		0.26	0.001	<0.2	2.52	3	<10	120	1.2	<2	0.78	<0.5	5	18	15	2.33
ZZ25675		0.24	0.013	0.5	2.73	2	<10	120	1.9	2	1.53	0.6	5	15	11	2.31
ZZ25676		0.26	0.013	0.4	3.07	7	<10	130	1.3	6	0.89	<0.5	12	23	59	2.58
ZZ25677		0.24	0.002	<0.2	3.78	7	<10	110	1.6	<2	2.22	<0.5	15	28	20	3.01
ZZ25678		0.26	0.008	0.3	2.59	17	<10	170	1.5	<2	0.98	<0.5	9	24	23	3.80
ZZ25679		0.28	0.007	0.6	3.17	24	<10	160	1.4	4	1.25	<0.5	7	26	52	2.93
ZZ25680		0.30	0.006	0.2	2.33	25	<10	130	1.6	2	1.09	<0.5	7	20	51	2.47
ZZ25694		0.26	0.013	0.3	2.52	33	<10	130	1.3	3	0.88	<0.5	8	21	74	2.70
ZZ25695		0.24	0.002	0.2	2.51	12	<10	140	1.3	<2	0.53	<0.5	8	25	26	2.96
ZZ25696		0.28	0.002	<0.2	1.62	6	<10	80	0.5	2	0.23	<0.5	7	27	23	2.84
ZZ25697		0.30	0.001	<0.2	3.24	<2	<10	100	1.0	<2	1.04	<0.5	7	21	14	2.48
ZZ25698		0.24	0.004	<0.2	1.91	7	<10	90	0.8	<2	0.43	<0.5	8	25	24	2.53
ZZ25699		0.24	0.003	<0.2	2.21	6	<10	120	0.8	<2	0.41	<0.5	10	30	23	2.96
ZZ25700		0.24	0.002	0.2	1.60	6	<10	100	0.5	<2	0.42	<0.5	7	29	16	2.79
ZZ25713		0.26	0.003	<0.2	2.09	11	<10	90	0.8	<2	0.28	<0.5	11	32	33	3.14
ZZ25714		0.26	0.003	<0.2	1.79	8	<10	100	0.8	<2	0.41	<0.5	9	29	23	2.79
ZZ25715		0.34	0.003	<0.2	1.95	9	<10	80	0.5	<2	0.23	<0.5	10	31	21	2.68
ZZ25716		0.30	0.004	<0.2	1.87	7	<10	80	0.5	<2	0.24	<0.5	10	34	19	2.67
ZZ25717		0.40	0.004	<0.2	1.92	8	<10	70	0.8	<2	0.45	<0.5	8	28	18	2.60
ZZ25718		0.22	0.005	<0.2	1.61	5	<10	100	0.6	<2	0.30	<0.5	8	30	18	2.93
ZZ25719		0.28	0.003	<0.2	1.86	5	<10	110	0.7	<2	0.44	<0.5	10	29	19	2.73
ZZ25720		0.22	0.004	0.5	2.06	11	<10	90	1.1	<2	0.52	<0.5	12	30	32	3.12
ZZ25731		0.24	0.001	<0.2	2.12	9	<10	90	0.6	<2	0.23	<0.5	11	34	23	3.05
ZZ25732		0.26	0.002	<0.2	2.04	8	<10	80	0.5	<2	0.16	<0.5	9	33	21	3.14
ZZ25733		0.30	0.002	0.3	2.59	12	<10	150	1.6	<2	0.47	<0.5	10	26	21	3.75



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ25659		10	<1	0.21	20	0.63	430	<1	0.03	14	1100	33	0.05	<2	3	45
ZZ25660		10	<1	0.23	30	0.68	795	<1	0.04	16	1220	67	0.03	<2	3	140
ZZ25661		10	<1	0.14	10	0.43	223	<1	0.05	7	920	22	0.06	<2	1	65
ZZ25662		10	<1	0.15	20	0.49	259	<1	0.06	7	820	20	0.03	<2	2	70
ZZ25663		10	<1	0.07	10	0.52	326	<1	0.03	20	840	16	0.04	<2	3	31
ZZ25664		10	<1	0.10	20	0.49	350	<1	0.06	15	1270	19	0.02	<2	3	125
ZZ25665		10	<1	0.10	10	0.57	347	<1	0.04	21	600	16	0.06	<2	3	38
ZZ25666		10	1	0.13	20	0.45	281	<1	0.08	12	900	23	0.04	<2	2	119
ZZ25667		10	<1	0.12	20	0.53	394	1	0.04	17	990	32	0.03	<2	3	74
ZZ25668		10	<1	0.24	30	0.68	632	1	0.07	7	1360	38	0.02	<2	7	361
ZZ25669		10	<1	0.11	20	0.55	612	3	0.04	18	940	343	0.03	<2	3	92
ZZ25670		10	1	0.11	20	0.45	1340	4	0.03	10	940	892	0.03	<2	4	57
ZZ25671		10	1	0.12	20	0.48	2770	1	0.05	25	1260	37	0.07	<2	3	41
ZZ25672		10	<1	0.19	20	0.52	249	<1	0.04	7	1090	24	0.02	<2	2	112
ZZ25673		10	<1	0.20	20	0.54	253	<1	0.08	11	1060	19	0.04	<2	3	42
ZZ25674		10	<1	0.15	40	0.51	743	1	0.05	6	620	15	0.03	<2	3	86
ZZ25675		10	<1	0.19	30	0.59	714	<1	0.05	5	1490	27	0.02	<2	4	121
ZZ25676		10	1	0.16	30	0.63	564	<1	0.06	26	1020	39	0.03	2	4	61
ZZ25677		10	<1	0.23	30	0.69	1135	<1	0.10	41	4060	46	0.03	<2	6	136
ZZ25678		10	<1	0.19	30	0.62	2280	1	0.06	13	1200	84	0.02	2	5	317
ZZ25679		10	<1	0.24	20	0.70	304	1	0.07	12	1070	50	0.03	<2	4	93
ZZ25680		10	<1	0.19	20	0.54	318	<1	0.06	9	1220	47	0.03	2	3	78
ZZ25694		10	<1	0.15	20	0.56	653	1	0.06	11	1160	46	0.03	2	3	109
ZZ25695		10	<1	0.15	20	0.62	476	1	0.03	13	950	50	0.05	<2	3	59
ZZ25696		10	<1	0.07	10	0.48	291	<1	0.03	13	710	13	0.06	<2	2	26
ZZ25697		10	1	0.27	30	0.52	382	<1	0.07	10	1130	19	0.03	<2	4	90
ZZ25698		10	<1	0.14	20	0.49	307	1	0.03	13	1120	18	0.03	<2	3	58
ZZ25699		10	<1	0.13	20	0.61	392	1	0.03	19	930	21	0.04	<2	4	41
ZZ25700		10	<1	0.10	20	0.47	288	<1	0.03	14	1050	52	0.04	<2	2	30
ZZ25713		10	<1	0.10	10	0.60	415	2	0.04	20	730	18	0.05	<2	3	25
ZZ25714		10	1	0.13	20	0.56	402	1	0.04	16	1140	14	0.03	<2	3	28
ZZ25715		10	<1	0.06	10	0.57	361	1	0.03	22	430	9	0.05	<2	3	20
ZZ25716		10	<1	0.08	10	0.55	343	<1	0.03	22	530	11	0.04	<2	3	21
ZZ25717		10	1	0.09	20	0.51	366	1	0.04	16	1070	18	0.03	<2	3	58
ZZ25718		10	<1	0.08	10	0.41	307	1	0.04	14	930	17	0.05	<2	2	42
ZZ25719		10	1	0.14	10	0.51	334	<1	0.03	17	950	24	0.04	<2	2	113
ZZ25720		10	<1	0.15	20	0.54	404	1	0.05	16	1060	44	0.04	<2	3	66
ZZ25731		10	1	0.09	10	0.67	421	1	0.03	23	610	12	0.05	<2	3	20
ZZ25732		10	<1	0.07	10	0.54	344	1	0.03	19	470	14	0.05	<2	2	16
ZZ25733		10	<1	0.19	20	0.58	681	2	0.03	14	920	26	0.04	2	4	196



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ25659		<20	0.13	<10	<10	77	<10	63
ZZ25660		20	0.07	<10	<10	74	<10	72
ZZ25661		<20	0.07	<10	10	52	<10	42
ZZ25662		20	0.08	<10	<10	50	<10	37
ZZ25663		<20	0.13	<10	<10	69	<10	58
ZZ25664		<20	0.13	<10	<10	68	<10	53
ZZ25665		<20	0.13	<10	<10	74	<10	57
ZZ25666		<20	0.11	<10	<10	58	<10	49
ZZ25667		<20	0.13	<10	<10	75	<10	68
ZZ25668		30	0.03	<10	10	60	<10	85
ZZ25669		<20	0.11	<10	<10	61	<10	268
ZZ25670		30	0.07	<10	10	49	40	1440
ZZ25671		20	0.07	<10	<10	51	<10	69
ZZ25672		30	0.05	<10	<10	44	<10	35
ZZ25673		20	0.10	<10	<10	55	<10	46
ZZ25674		20	0.04	<10	<10	55	<10	48
ZZ25675		60	0.03	<10	10	39	<10	99
ZZ25676		20	0.08	<10	<10	51	<10	79
ZZ25677		50	0.08	<10	20	63	<10	70
ZZ25678		30	0.08	<10	10	61	<10	102
ZZ25679		30	0.09	<10	10	64	<10	121
ZZ25680		20	0.07	<10	<10	55	<10	84
ZZ25694		20	0.07	<10	10	52	<10	88
ZZ25695		<20	0.08	<10	<10	60	<10	156
ZZ25696		<20	0.10	<10	<10	61	<10	50
ZZ25697		30	0.06	<10	<10	53	<10	49
ZZ25698		<20	0.12	<10	10	59	<10	60
ZZ25699		<20	0.11	<10	<10	65	<10	65
ZZ25700		20	0.10	<10	<10	71	<10	71
ZZ25713		<20	0.13	<10	10	71	<10	59
ZZ25714		<20	0.13	<10	<10	68	<10	57
ZZ25715		<20	0.11	<10	<10	65	<10	52
ZZ25716		<20	0.12	<10	<10	66	<10	53
ZZ25717		<20	0.11	<10	<10	64	<10	53
ZZ25718		<20	0.11	<10	<10	76	<10	53
ZZ25719		<20	0.11	<10	<10	69	<10	62
ZZ25720		<20	0.12	<10	10	74	<10	73
ZZ25731		<20	0.12	<10	<10	70	<10	58
ZZ25732		<20	0.12	<10	<10	73	<10	54
ZZ25733		20	0.09	<10	10	64	<10	61



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26001		0.28	0.010	0.2	1.86	9	<10	130	0.8	2	0.29	<0.5	10	31	49	2.97
ZZ26002		0.16	0.004	<0.2	1.87	9	<10	140	0.7	<2	0.28	<0.5	10	32	40	3.16
ZZ26003		0.22	0.011	<0.2	1.48	3	<10	130	0.5	<2	0.33	<0.5	8	30	40	2.80
ZZ26004		0.34	0.009	0.3	2.53	11	<10	230	1.2	5	0.54	<0.5	13	39	117	3.68
ZZ26005		0.38	0.003	0.2	1.81	10	<10	140	0.9	2	0.36	<0.5	10	31	45	3.04
ZZ26006		0.36	0.005	0.2	1.74	11	<10	120	0.8	2	0.33	<0.5	10	29	44	2.51
ZZ26007		0.54	0.006	<0.2	1.44	8	<10	110	0.7	<2	0.47	<0.5	10	33	34	3.00
ZZ26008		0.44	0.011	2.7	1.91	604	<10	120	1.3	6	0.47	4.9	11	27	193	4.17
ZZ26009		0.46	0.004	0.2	1.66	80	<10	100	0.8	<2	0.39	0.6	12	39	44	3.18
ZZ26010		0.44	0.003	0.2	1.75	11	<10	120	0.9	<2	0.41	<0.5	12	50	43	3.25
ZZ26011		0.42	0.001	<0.2	3.59	11	<10	180	1.1	<2	1.29	<0.5	23	411	42	4.38
ZZ26012		0.44	0.006	0.4	2.62	99	<10	170	0.9	<2	0.43	<0.5	20	209	59	3.52
ZZ26013		0.40	0.005	0.2	2.16	28	<10	140	1.0	<2	0.33	<0.5	16	56	54	3.36
ZZ26014		0.42	0.003	0.2	2.09	9	<10	100	1.1	2	0.33	<0.5	10	34	48	3.08
ZZ26015		0.36	0.003	0.2	2.06	7	<10	160	1.2	<2	0.56	<0.5	11	32	46	2.90
ZZ26016		0.32	0.012	1.1	1.97	11	<10	120	1.1	6	0.45	<0.5	11	33	119	3.05
ZZ26017		0.32	0.073	5.1	2.27	70	<10	140	1.7	89	0.38	<0.5	46	20	1355	4.52
ZZ26018		0.50	0.034	0.2	2.14	8	<10	200	1.2	2	0.36	<0.5	12	32	56	3.25
ZZ26019		0.44	0.004	0.3	2.52	10	<10	150	1.3	2	0.39	<0.5	12	32	76	2.99
ZZ26020		0.34	0.004	0.3	2.01	12	<10	200	0.9	<2	0.29	<0.5	12	31	61	2.99
ZZ26051		0.32	0.022	3.8	1.89	62	<10	120	1.4	25	0.72	3.2	18	20	289	3.08
ZZ26052		0.30	0.004	0.3	1.72	26	<10	160	1.0	<2	0.48	<0.5	10	25	28	2.77
ZZ26053		0.50	0.004	0.3	2.02	32	<10	230	1.1	3	0.56	<0.5	8	31	25	3.05
ZZ26054		0.44	<0.001	0.4	2.62	64	<10	280	1.8	4	0.85	<0.5	8	26	30	2.95
ZZ26055		0.36	0.004	0.7	1.86	30	<10	140	1.1	10	0.51	0.5	12	30	55	3.06
ZZ26056		0.38	0.003	0.3	1.90	22	<10	150	1.5	3	0.63	<0.5	11	28	74	2.82
ZZ26057		0.28	0.007	0.3	2.03	13	<10	130	0.9	2	0.45	<0.5	12	28	107	2.75
ZZ26058		0.34	0.004	0.2	2.17	8	<10	190	0.8	<2	0.38	<0.5	17	32	96	3.16
ZZ26059		0.34	0.006	<0.2	1.86	5	<10	190	0.7	<2	0.50	<0.5	9	28	45	2.80
ZZ26060		0.22	<0.001	0.2	2.32	8	<10	150	0.9	<2	0.28	<0.5	10	31	37	2.94
ZZ26061		0.34	0.015	<0.2	2.56	8	<10	190	1.4	<2	0.76	<0.5	10	34	99	2.86
ZZ26062		0.36	0.007	0.2	1.77	6	<10	130	0.8	4	0.39	<0.5	9	30	69	2.68
ZZ26063		0.36	0.007	0.4	1.85	10	<10	130	0.9	10	0.52	<0.5	10	27	188	2.72
ZZ26064		0.38	0.001	0.2	1.73	6	<10	140	0.9	<2	0.42	<0.5	10	30	32	2.59
ZZ26065		0.30	0.003	0.3	2.16	16	<10	130	1.2	2	0.40	<0.5	14	33	51	3.08
ZZ26066		0.52	0.035	0.6	2.32	12	<10	100	1.4	4	0.62	<0.5	11	27	503	3.08
ZZ26067		0.26	0.002	0.2	1.80	11	<10	80	0.6	<2	0.25	<0.5	10	36	36	2.93
ZZ26068		0.32	<0.001	<0.2	2.21	11	<10	100	0.7	<2	0.28	<0.5	20	205	36	3.00
ZZ26069		0.30	<0.001	<0.2	2.31	15	<10	110	0.6	<2	0.29	<0.5	18	172	34	2.76
ZZ26070		0.36	0.002	0.2	1.71	10	<10	120	0.7	<2	0.27	<0.5	12	40	36	2.98



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26001		10	<1	0.10	10	0.53	422	1	0.03	19	1210	42	0.07	<2	3	46
ZZ26002		10	<1	0.08	10	0.56	360	2	0.03	18	1050	23	0.07	<2	3	75
ZZ26003		10	<1	0.07	10	0.42	322	1	0.04	16	1130	15	0.08	<2	2	60
ZZ26004		10	<1	0.13	20	0.76	627	1	0.04	22	1590	42	0.04	<2	5	204
ZZ26005		10	<1	0.11	20	0.56	459	1	0.03	20	1300	17	0.05	<2	3	47
ZZ26006		10	<1	0.09	20	0.48	385	2	0.04	19	1160	17	0.09	<2	3	82
ZZ26007		10	<1	0.11	20	0.56	383	1	0.03	17	1380	13	0.03	<2	3	75
ZZ26008		10	<1	0.18	30	0.57	1095	3	0.03	14	1320	983	0.12	4	5	106
ZZ26009		10	<1	0.12	20	0.62	588	2	0.03	21	1230	44	0.05	<2	4	42
ZZ26010		10	<1	0.11	20	0.71	464	1	0.03	28	1200	19	0.05	<2	4	117
ZZ26011		10	<1	0.52	10	3.91	633	<1	0.06	234	1520	21	0.03	<2	8	132
ZZ26012		10	<1	0.30	20	1.94	630	1	0.05	143	870	72	0.05	<2	8	42
ZZ26013		10	1	0.11	20	0.80	747	2	0.04	35	1280	23	0.08	<2	4	78
ZZ26014		10	<1	0.09	20	0.63	440	2	0.03	18	1020	18	0.08	<2	3	66
ZZ26015		10	1	0.12	20	0.61	590	1	0.03	18	1070	23	0.05	<2	3	287
ZZ26016		10	<1	0.07	20	0.61	642	2	0.03	19	970	39	0.04	<2	3	142
ZZ26017		10	<1	0.09	40	0.51	561	15	0.03	12	1220	2160	0.09	<2	5	128
ZZ26018		10	<1	0.07	10	0.72	772	1	0.03	21	830	38	0.06	<2	3	158
ZZ26019		10	<1	0.08	20	0.68	518	1	0.04	21	830	35	0.06	<2	4	100
ZZ26020		10	<1	0.08	10	0.50	428	2	0.04	21	870	22	0.08	<2	2	209
ZZ26051		10	<1	0.14	40	0.39	1285	19	0.05	11	1410	401	0.05	18	4	188
ZZ26052		10	<1	0.17	30	0.43	716	3	0.03	11	1290	56	0.03	3	3	104
ZZ26053		10	<1	0.19	30	0.59	583	2	0.04	10	1290	89	0.04	4	4	171
ZZ26054		10	<1	0.19	30	0.70	471	2	0.04	11	1240	69	0.04	3	5	423
ZZ26055		10	1	0.16	20	0.55	421	1	0.03	16	1350	171	0.03	<2	4	115
ZZ26056		10	<1	0.11	20	0.64	474	1	0.02	17	1290	39	0.01	2	5	221
ZZ26057		10	1	0.12	20	0.55	445	2	0.02	20	1320	23	0.02	<2	3	130
ZZ26058		10	<1	0.12	20	0.51	445	3	0.02	24	1500	30	0.02	<2	3	77
ZZ26059		10	<1	0.13	20	0.48	331	1	0.02	16	1420	19	0.02	<2	3	111
ZZ26060		10	<1	0.09	10	0.59	399	1	0.03	21	980	22	0.06	<2	3	61
ZZ26061		10	<1	0.13	20	0.68	459	1	0.02	18	1310	30	0.01	<2	6	198
ZZ26062		10	<1	0.09	20	0.53	381	1	0.02	18	1260	22	0.01	<2	3	70
ZZ26063		10	<1	0.10	20	0.52	647	1	0.02	17	1290	56	0.01	2	4	85
ZZ26064		10	<1	0.09	20	0.53	382	1	0.02	17	1230	16	0.01	<2	4	113
ZZ26065		10	<1	0.11	20	0.59	524	2	0.02	21	1310	26	0.02	<2	4	112
ZZ26066		10	<1	0.10	40	0.61	609	2	0.02	18	1400	32	0.01	2	6	113
ZZ26067		10	<1	0.07	10	0.60	395	1	0.02	22	720	15	0.04	<2	3	35
ZZ26068		10	<1	0.38	10	1.90	517	1	0.02	191	830	8	0.03	<2	4	21
ZZ26069		10	<1	0.31	10	1.72	440	1	0.03	133	880	9	0.04	<2	4	27
ZZ26070		10	<1	0.08	10	0.53	561	2	0.02	24	900	16	0.06	<2	2	73



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26001		<20	0.11	<10	10	71	<10	126
ZZ26002		<20	0.10	<10	<10	69	<10	78
ZZ26003		<20	0.08	<10	<10	65	<10	61
ZZ26004		20	0.13	<10	10	84	<10	101
ZZ26005		<20	0.12	<10	<10	71	<10	70
ZZ26006		<20	0.09	<10	10	56	<10	65
ZZ26007		<20	0.12	<10	<10	72	<10	54
ZZ26008		20	0.06	<10	20	64	<10	1095
ZZ26009		<20	0.12	<10	<10	73	<10	152
ZZ26010		<20	0.12	<10	<10	76	<10	63
ZZ26011		<20	0.24	<10	<10	116	<10	98
ZZ26012		<20	0.22	<10	<10	97	<10	219
ZZ26013		<20	0.11	<10	10	76	<10	82
ZZ26014		<20	0.09	<10	10	68	<10	55
ZZ26015		<20	0.09	<10	10	66	<10	59
ZZ26016		<20	0.08	<10	10	70	<10	59
ZZ26017		20	0.04	<10	40	57	<10	296
ZZ26018		<20	0.07	<10	<10	68	<10	67
ZZ26019		<20	0.09	<10	10	63	<10	76
ZZ26020		<20	0.09	<10	10	66	<10	60
ZZ26051		20	0.06	<10	20	50	<10	249
ZZ26052		<20	0.11	<10	<10	61	<10	94
ZZ26053		20	0.11	<10	10	67	<10	125
ZZ26054		20	0.05	<10	10	56	<10	90
ZZ26055		20	0.11	<10	10	70	<10	240
ZZ26056		20	0.07	<10	10	64	<10	79
ZZ26057		<20	0.11	<10	10	65	<10	74
ZZ26058		20	0.13	<10	10	78	<10	84
ZZ26059		20	0.10	<10	<10	71	<10	52
ZZ26060		<20	0.12	<10	10	65	<10	61
ZZ26061		20	0.09	<10	<10	65	<10	71
ZZ26062		<20	0.13	<10	10	66	<10	61
ZZ26063		<20	0.08	<10	<10	61	<10	101
ZZ26064		<20	0.12	<10	10	64	<10	55
ZZ26065		<20	0.12	<10	10	72	<10	78
ZZ26066		20	0.06	<10	10	60	<10	158
ZZ26067		<20	0.12	<10	<10	70	<10	56
ZZ26068		<20	0.26	<10	<10	93	<10	61
ZZ26069		<20	0.25	<10	<10	92	<10	53
ZZ26070		<20	0.11	<10	<10	73	<10	58



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26071		0.28	0.006	<0.2	1.71	9	<10	100	0.8	2	0.43	<0.5	10	35	39	3.01
ZZ26072		0.30	0.003	0.3	2.34	24	<10	140	1.5	3	0.68	<0.5	12	30	104	2.77
ZZ26073		0.38	0.012	1.1	2.13	25	<10	150	1.2	6	0.30	<0.5	10	31	324	3.16
ZZ26074		0.34	0.048	5.3	1.77	42	<10	160	1.3	310	0.40	<0.5	11	26	839	3.60
ZZ26075		0.32	0.006	<0.2	1.78	7	<10	100	0.6	<2	0.34	<0.5	9	34	28	2.90
ZZ26101		0.20	0.003	0.2	1.83	9	<10	110	0.5	<2	0.27	<0.5	10	35	29	2.95
ZZ26102		0.20	0.002	<0.2	2.22	13	<10	110	0.8	2	0.25	<0.5	10	36	41	3.20
ZZ26103		0.24	0.003	<0.2	1.99	8	<10	100	0.5	<2	0.36	<0.5	12	37	28	2.84
ZZ26104		0.22	<0.001	<0.2	2.30	8	<10	90	0.5	<2	0.24	<0.5	10	38	25	3.11
ZZ26105		0.28	0.004	0.2	2.09	8	<10	120	0.7	2	0.38	<0.5	11	31	59	2.61
ZZ26106		0.22	0.006	<0.2	2.86	6	<10	160	1.7	8	0.95	<0.5	11	26	150	2.75
ZZ26107		0.22	0.003	<0.2	2.15	7	<10	110	0.7	<2	0.37	<0.5	10	34	42	2.85
ZZ26108		0.28	0.003	0.2	2.28	9	<10	140	1.1	<2	0.56	<0.5	10	36	59	3.00
ZZ26109		0.24	0.003	<0.2	2.24	8	<10	170	0.8	<2	0.42	<0.5	10	33	34	2.92
ZZ26110		0.24	0.003	<0.2	1.89	7	<10	130	0.6	<2	0.39	<0.5	10	31	50	2.63
ZZ26111		0.24	0.003	<0.2	1.78	3	<10	120	0.6	<2	0.51	<0.5	9	30	46	2.53
ZZ26112		0.26	0.009	1.4	1.49	52	<10	200	1.2	13	0.39	0.7	9	22	82	4.25
ZZ26113		0.26	<0.001	0.2	2.20	22	<10	160	1.8	2	0.73	<0.5	12	32	28	3.21
ZZ26114		0.22	0.001	<0.2	1.59	19	<10	90	0.5	<2	0.17	<0.5	8	34	23	3.35
ZZ26115		0.26	0.001	<0.2	2.73	42	<10	220	1.4	2	0.78	<0.5	11	27	29	2.94
ZZ26116		0.32	0.007	<0.2	2.28	48	<10	210	1.6	3	0.74	<0.5	10	30	24	2.86
ZZ26117		0.28	0.001	0.4	2.25	46	<10	160	1.5	2	0.57	<0.5	11	38	30	3.35
ZZ26118		0.28	<0.001	<0.2	2.53	34	<10	180	1.8	2	0.71	<0.5	9	37	32	3.14
ZZ26119		0.24	0.001	0.3	2.53	43	<10	190	1.3	3	0.47	<0.5	12	38	29	3.49
ZZ26120		0.26	0.006	0.6	2.67	35	<10	320	2.3	2	0.90	0.8	11	24	36	3.37



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CERTIFICATE OF ANALYSIS WH11157548

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26071		10	<1	0.08	20	0.58	459	1	0.02	24	1200	17	0.04	<2	3	99
ZZ26072		10	<1	0.10	30	0.63	577	2	0.02	19	1330	28	0.02	<2	4	290
ZZ26073		10	<1	0.08	20	0.49	1190	10	0.02	21	680	52	0.03	5	3	232
ZZ26074		10	<1	0.11	30	0.48	1220	8	0.03	17	1170	277	0.12	3	4	195
ZZ26075		10	<1	0.05	10	0.50	411	1	0.02	23	930	12	0.03	<2	3	42
ZZ26101		10	<1	0.07	10	0.54	472	1	0.02	22	840	13	0.05	<2	3	71
ZZ26102		10	<1	0.09	10	0.64	437	2	0.02	24	790	15	0.04	<2	3	62
ZZ26103		10	<1	0.09	10	0.65	469	1	0.02	27	840	11	0.02	<2	4	45
ZZ26104		10	1	0.07	10	0.59	369	1	0.02	23	700	13	0.04	<2	3	42
ZZ26105		10	<1	0.08	10	0.57	337	1	0.02	21	1050	14	0.02	2	4	101
ZZ26106		10	1	0.10	30	0.81	1170	1	0.03	16	1230	47	0.02	<2	6	102
ZZ26107		10	<1	0.08	10	0.60	412	1	0.02	23	1150	18	0.02	<2	4	42
ZZ26108		10	1	0.08	20	0.66	410	2	0.03	26	1170	21	0.01	<2	5	94
ZZ26109		10	<1	0.10	10	0.56	445	2	0.03	22	1120	19	0.03	<2	3	118
ZZ26110		10	<1	0.08	10	0.53	345	1	0.02	23	1080	21	0.02	<2	3	68
ZZ26111		10	<1	0.09	20	0.55	283	1	0.03	19	1260	16	0.01	<2	3	73
ZZ26112		10	<1	0.31	30	0.47	990	2	0.04	13	1240	80	0.40	<2	5	61
ZZ26113		10	<1	0.18	30	0.67	571	2	0.03	17	1520	25	0.02	2	5	278
ZZ26114		10	<1	0.07	10	0.41	298	2	0.02	16	550	16	0.04	<2	3	26
ZZ26115		10	<1	0.12	20	0.61	726	2	0.03	17	1140	102	0.03	2	4	293
ZZ26116		10	1	0.14	20	0.61	491	2	0.03	16	1270	68	0.02	2	4	304
ZZ26117		10	1	0.17	20	0.71	358	2	0.02	19	1350	34	0.05	2	4	141
ZZ26118		10	<1	0.16	30	0.73	427	2	0.03	17	1320	32	0.03	<2	5	187
ZZ26119		10	1	0.17	20	0.72	529	2	0.02	18	1230	69	0.07	<2	4	176
ZZ26120		10	<1	0.24	60	0.59	783	8	0.02	15	1580	92	0.02	3	7	284



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CERTIFICATE OF ANALYSIS WH11157548

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26071		<20	0.11	<10	<10	72	<10	55
ZZ26072		<20	0.07	<10	10	63	<10	74
ZZ26073		<20	0.07	<10	10	62	<10	100
ZZ26074		<20	0.07	<10	20	57	<10	121
ZZ26075		<20	0.11	<10	<10	73	<10	54
ZZ26101		<20	0.12	<10	<10	73	<10	56
ZZ26102		<20	0.12	<10	<10	73	<10	62
ZZ26103		<20	0.14	<10	<10	71	<10	60
ZZ26104		<20	0.13	<10	<10	69	<10	67
ZZ26105		<20	0.12	<10	<10	64	<10	57
ZZ26106		20	0.03	<10	20	55	<10	94
ZZ26107		<20	0.13	<10	<10	70	<10	65
ZZ26108		<20	0.11	<10	<10	73	<10	71
ZZ26109		<20	0.12	<10	<10	70	<10	62
ZZ26110		<20	0.13	<10	<10	65	<10	65
ZZ26111		<20	0.14	<10	<10	64	<10	57
ZZ26112		20	0.10	<10	10	51	<10	253
ZZ26113		20	0.09	<10	10	75	<10	66
ZZ26114		<20	0.15	<10	<10	88	<10	56
ZZ26115		<20	0.04	<10	<10	58	<10	98
ZZ26116		20	0.07	<10	10	60	<10	89
ZZ26117		20	0.11	<10	10	73	<10	71
ZZ26118		20	0.09	<10	10	72	<10	88
ZZ26119		<20	0.11	<10	<10	76	<10	120
ZZ26120		30	0.06	<10	<10	58	<10	154



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CERTIFICATE WH11180992

Project: 000
 P.O. No.:
 This report is for 40 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12- AUG- 2011.
 The following have access to data associated with this certificate:
 JOAN MARIACHER HEATHER SMITH

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- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH11180992

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ11701		0.14	0.001	0.5	0.78	14	<10	90	<0.5	<2	0.59	0.5	3	9	16	0.78
ZZ11702		0.20	0.001	0.3	1.57	18	<10	170	<0.5	<2	0.49	<0.5	6	28	17	2.83
ZZ11703		0.28	0.003	0.5	1.81	37	<10	330	0.7	<2	0.68	0.6	9	31	37	2.12
ZZ11704		0.10	0.005	0.6	1.56	51	<10	180	1.1	2	1.43	0.9	8	23	64	1.90
ZZ11705		0.10	0.003	0.5	1.70	57	<10	230	0.7	<2	1.36	0.6	6	20	38	1.67
ZZ11706		0.16	0.005	1.2	2.11	58	<10	310	1.2	<2	1.06	0.9	8	31	53	2.33
ZZ11707		0.14	0.006	0.9	2.23	154	<10	350	1.0	<2	1.00	<0.5	7	31	49	2.29
ZZ11708		0.16	0.004	0.8	2.36	51	<10	360	0.9	<2	1.15	0.6	7	29	43	2.17
ZZ11709		0.20	0.002	0.8	2.12	45	<10	400	0.9	<2	0.66	<0.5	7	30	45	2.15
ZZ11710		0.14	0.001	0.4	1.72	44	<10	220	0.5	<2	0.65	<0.5	7	21	34	1.84
ZZ11711		0.16	0.003	0.8	2.52	68	<10	360	0.8	<2	0.77	0.5	10	32	36	2.49
ZZ11712		0.18	0.002	0.6	2.10	37	<10	310	0.7	<2	0.49	<0.5	8	33	26	2.35
ZZ11713		0.18	0.002	0.2	1.86	29	<10	250	0.7	<2	0.37	0.5	7	31	23	2.40
ZZ11714		0.18	0.004	0.6	2.40	69	<10	440	0.9	<2	0.38	<0.5	9	37	55	3.32
ZZ11715		0.14	0.002	0.7	2.14	39	<10	360	0.5	<2	0.57	0.6	8	29	29	2.25
ZZ11716		0.20	0.003	1.0	2.37	39	<10	540	0.9	<2	0.57	<0.5	6	28	52	2.42
ZZ11717		0.12	0.001	0.7	2.04	56	<10	450	0.8	<2	0.75	1.7	8	28	43	2.60
ZZ11718		0.14	0.001	0.5	1.93	43	<10	350	0.7	<2	1.08	1.8	6	27	32	1.48
ZZ11719		0.26	0.002	0.8	2.26	73	<10	370	0.9	<2	1.09	1.4	9	33	60	2.79
ZZ11720		0.14	0.001	0.5	1.85	80	<10	380	0.7	<2	1.03	2.0	7	24	36	2.19
ZZ11731		0.10	0.001	0.5	1.83	24	<10	240	0.7	<2	0.79	<0.5	6	23	30	1.64
ZZ11732		0.14	<0.001	0.4	1.93	46	<10	310	0.6	<2	0.75	<0.5	7	26	31	2.00
ZZ11733		0.16	<0.001	0.2	1.47	31	<10	110	<0.5	<2	0.13	<0.5	3	27	29	1.87
ZZ11734		0.12	<0.001	1.2	1.93	27	<10	190	0.6	<2	0.16	<0.5	5	26	35	1.90
ZZ11735		0.18	0.001	0.3	2.05	34	<10	200	0.6	<2	0.19	<0.5	6	28	30	2.43
ZZ11736		0.24	0.001	0.2	2.01	20	<10	200	0.7	<2	0.18	<0.5	10	30	30	2.57
ZZ11737		0.18	<0.001	0.2	1.03	10	<10	110	<0.5	<2	0.10	<0.5	2	17	11	1.37
ZZ11738		0.16	0.012	0.6	2.95	62	<10	310	0.8	<2	0.23	<0.5	8	40	39	3.42
ZZ11739		0.18	0.002	0.6	2.28	37	<10	250	0.8	<2	0.23	<0.5	7	34	38	2.64
ZZ11740		0.16	0.002	0.8	2.23	44	<10	420	0.9	<2	0.85	1.3	8	32	69	2.41
ZZ11741		0.20	<0.001	0.3	1.45	19	<10	280	0.5	<2	0.54	<0.5	6	21	29	1.57
ZZ11742		0.18	0.001	0.6	2.12	31	<10	450	0.9	<2	0.85	0.9	8	33	57	2.28
ZZ11743		0.14	0.001	1.8	2.28	34	<10	360	1.0	<2	0.76	2.1	7	29	141	1.70
ZZ11744		0.22	0.001	0.4	1.96	36	<10	420	0.8	<2	0.81	<0.5	6	35	62	2.09
ZZ11745		0.16	<0.001	0.6	1.68	17	<10	200	0.5	<2	0.64	<0.5	5	29	52	1.62
ZZ11746		0.22	0.010	0.5	2.02	26	<10	680	0.8	<2	1.29	0.6	8	36	72	2.14
ZZ11747		0.12	0.001	0.6	1.77	14	<10	380	0.7	<2	1.80	0.6	7	31	58	1.75
ZZ11748		0.10	0.001	0.8	2.36	14	<10	870	1.1	<2	2.06	<0.5	8	38	199	2.17
ZZ11749		0.08	<0.001	0.4	1.34	10	<10	250	<0.5	<2	2.23	0.9	6	23	35	1.24
ZZ11750		0.18	0.002	0.8	3.20	70	<10	430	1.2	<2	0.31	0.5	12	43	54	2.99



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
ZZ11701		<10	<1	0.04	10	0.15	147	2	0.02	11	860	5	0.08	3	1	26
ZZ11702		10	<1	0.06	10	0.43	205	3	<0.01	15	400	12	0.02	<2	2	26
ZZ11703		10	1	0.09	10	0.66	219	3	0.01	32	1550	20	0.03	4	3	44
ZZ11704		<10	<1	0.04	20	0.38	481	3	<0.01	34	1650	12	0.14	5	2	52
ZZ11705		<10	1	0.06	10	0.42	284	2	0.02	31	1100	13	0.14	5	2	43
ZZ11706		10	<1	0.09	30	0.70	262	4	0.01	48	1550	22	0.09	8	3	51
ZZ11707		10	1	0.08	20	0.71	272	3	0.01	38	1430	18	0.09	8	3	59
ZZ11708		10	1	0.10	10	0.78	250	2	0.02	28	1360	17	0.10	5	4	55
ZZ11709		10	1	0.11	10	0.73	164	2	0.02	28	1480	21	0.05	8	4	52
ZZ11710		10	1	0.07	10	0.50	352	1	0.02	17	1170	19	0.07	14	2	45
ZZ11711		10	1	0.10	10	0.76	525	2	0.01	26	1440	29	0.08	9	3	59
ZZ11712		10	1	0.08	10	0.73	349	2	0.02	27	1400	24	0.03	2	3	40
ZZ11713		10	1	0.07	10	0.63	255	2	0.01	22	1500	20	0.02	2	3	35
ZZ11714		10	1	0.13	20	0.80	323	3	0.01	36	1090	38	0.04	7	3	45
ZZ11715		10	1	0.10	10	0.68	620	2	0.02	26	1380	24	0.08	4	2	44
ZZ11716		10	1	0.12	10	0.63	260	2	0.03	33	1160	20	0.05	4	4	51
ZZ11717		10	1	0.11	10	0.70	485	3	0.03	29	1410	22	0.06	3	3	56
ZZ11718		10	<1	0.10	10	0.67	121	<1	0.04	20	1250	23	0.12	<2	3	63
ZZ11719		10	1	0.23	10	0.98	239	3	0.09	37	1700	35	0.03	6	4	94
ZZ11720		10	<1	0.08	10	0.64	335	1	0.06	24	1450	32	0.09	3	3	73
ZZ11731		10	1	0.06	10	0.55	203	1	0.05	18	1080	16	0.09	2	2	60
ZZ11732		10	1	0.09	10	0.67	425	2	0.04	21	1290	26	0.06	2	2	61
ZZ11733		10	1	0.10	10	0.51	89	5	0.01	16	730	15	0.07	2	1	46
ZZ11734		10	1	0.09	10	0.55	321	5	0.02	20	1420	14	0.12	3	<1	44
ZZ11735		10	1	0.07	10	0.50	156	2	0.01	20	720	21	0.03	5	3	27
ZZ11736		10	1	0.10	10	0.55	241	1	0.01	29	740	13	0.02	<2	3	25
ZZ11737		10	<1	0.04	10	0.19	62	1	<0.01	7	280	12	0.01	<2	1	13
ZZ11738		10	2	0.11	10	0.79	185	3	0.01	34	1500	46	0.04	13	4	34
ZZ11739		10	1	0.09	10	0.70	195	1	0.01	29	910	18	0.01	5	4	27
ZZ11740		10	1	0.16	10	0.88	272	3	0.05	35	1500	21	0.03	8	4	69
ZZ11741		<10	<1	0.07	10	0.57	304	2	0.05	16	1300	13	0.03	4	2	43
ZZ11742		10	<1	0.12	10	0.92	249	1	0.04	32	1690	24	0.05	6	4	65
ZZ11743		10	1	0.11	10	0.75	141	3	0.03	35	1710	25	0.10	6	2	61
ZZ11744		10	<1	0.16	10	1.14	266	2	0.04	32	1980	18	0.03	6	3	67
ZZ11745		10	1	0.11	10	0.85	148	<1	0.02	24	1450	11	0.04	<2	2	42
ZZ11746		10	<1	0.14	10	1.00	207	1	0.05	30	1300	15	0.06	2	4	66
ZZ11747		10	1	0.10	10	0.85	326	1	0.03	26	1690	14	0.10	3	3	98
ZZ11748		10	1	0.28	10	2.28	334	1	0.03	39	1050	15	0.09	3	4	87
ZZ11749		<10	<1	0.05	<10	0.62	246	7	0.04	15	2170	10	0.15	<2	2	125
ZZ11750		10	1	0.10	10	0.98	252	2	0.02	44	1200	30	0.02	6	5	35



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CERTIFICATE OF ANALYSIS WH11180992

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ11701		<20	0.02	<10	<10	24	<10	48
ZZ11702		<20	0.06	<10	<10	67	<10	65
ZZ11703		<20	0.05	<10	<10	76	<10	120
ZZ11704		<20	0.02	<10	<10	48	<10	93
ZZ11705		<20	0.03	<10	<10	50	<10	123
ZZ11706		<20	0.03	<10	<10	71	<10	171
ZZ11707		<20	0.03	<10	<10	73	<10	149
ZZ11708		<20	0.05	<10	<10	76	<10	141
ZZ11709		<20	0.04	<10	<10	82	<10	132
ZZ11710		<20	0.05	<10	<10	63	<10	97
ZZ11711		<20	0.04	<10	<10	76	<10	163
ZZ11712		<20	0.05	<10	<10	75	<10	145
ZZ11713		<20	0.05	<10	<10	74	<10	108
ZZ11714		<20	0.04	<10	<10	100	<10	185
ZZ11715		<20	0.04	<10	<10	74	<10	161
ZZ11716		<20	0.03	<10	<10	74	<10	178
ZZ11717		<20	0.04	<10	<10	73	<10	165
ZZ11718		<20	0.05	<10	<10	55	<10	161
ZZ11719		<20	0.07	<10	<10	86	<10	194
ZZ11720		<20	0.04	<10	<10	62	<10	187
ZZ11731		<20	0.04	<10	<10	49	<10	73
ZZ11732		<20	0.04	<10	<10	67	<10	106
ZZ11733		<20	0.08	<10	<10	104	<10	57
ZZ11734		<20	0.02	<10	<10	71	<10	94
ZZ11735		<20	0.05	<10	<10	80	<10	73
ZZ11736		<20	0.05	<10	<10	62	<10	92
ZZ11737		<20	0.05	<10	<10	49	<10	28
ZZ11738		<20	0.08	<10	<10	109	<10	131
ZZ11739		<20	0.06	<10	<10	79	<10	102
ZZ11740		<20	0.05	<10	<10	85	<10	168
ZZ11741		<20	0.05	<10	<10	60	<10	81
ZZ11742		<20	0.05	<10	<10	83	<10	159
ZZ11743		<20	0.04	<10	<10	81	<10	216
ZZ11744		<20	0.06	<10	<10	100	<10	150
ZZ11745		<20	0.05	<10	<10	85	<10	116
ZZ11746		<20	0.06	<10	<10	81	<10	121
ZZ11747		<20	0.05	<10	<10	78	<10	114
ZZ11748		<20	0.07	<10	<10	73	<10	143
ZZ11749		<20	0.03	<10	<10	67	<10	113
ZZ11750		<20	0.06	<10	<10	98	<10	122



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CERTIFICATE WH11167599

Project: 000
 P.O. No.:
 This report is for 214 Soil samples submitted to our lab in Whitehorse, YT, Canada on 25- AUG- 2011.
 The following have access to data associated with this certificate:
 JOAN MARIACHER HEATHER SMITH

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- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH11167599

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ27018		0.24	0.008	0.2	1.57	15	<10	70	<0.5	8	0.15	<0.5	7	35	36	2.87
ZZ27019		0.22	0.007	0.2	1.32	9	<10	80	<0.5	3	0.20	<0.5	5	34	19	2.45
ZZ27020		0.22	0.019	0.2	1.31	10	<10	90	<0.5	3	0.15	<0.5	7	35	25	2.81
ZZ27021		0.18	0.002	<0.2	1.93	46	<10	130	0.6	4	0.45	<0.5	14	42	12	3.04
ZZ27022		0.28	0.007	0.7	3.12	251	<10	180	1.0	24	0.80	1.0	27	35	125	3.60
ZZ27023		0.24	0.007	<0.2	1.67	78	<10	90	<0.5	9	0.23	<0.5	9	30	41	3.03
ZZ27024		0.24	0.005	0.3	2.32	49	<10	110	1.1	5	0.25	0.6	16	37	32	4.45
ZZ27025		0.22	0.008	<0.2	1.94	13	<10	90	0.5	4	0.22	<0.5	9	42	17	3.18
ZZ27026		0.18	0.003	<0.2	1.32	13	<10	80	<0.5	4	0.21	<0.5	7	68	18	3.14
ZZ27027		0.18	0.003	<0.2	1.68	9	<10	90	<0.5	4	0.20	<0.5	9	62	16	2.88
ZZ27028		0.22	0.001	<0.2	3.32	32	<10	180	1.0	4	0.73	<0.5	32	179	35	5.16
ZZ27029		0.30	0.006	0.2	2.87	30	<10	140	1.1	4	0.71	0.5	36	184	40	4.72
ZZ27030		0.22	<0.001	<0.2	2.16	13	<10	150	0.6	5	0.46	<0.5	15	87	15	3.22
ZZ27031		0.38	0.009	0.5	1.91	54	<10	130	0.9	11	0.19	<0.5	13	27	54	3.69
ZZ27032		0.34	0.011	3.0	2.20	91	<10	140	2.0	15	0.54	0.5	14	20	136	4.03
ZZ27033		0.42	0.004	0.4	2.21	83	<10	90	1.0	5	0.27	0.7	10	29	55	3.74
ZZ27034		0.38	0.013	2.2	2.82	168	<10	150	2.4	9	0.95	0.8	14	19	181	4.18
ZZ27035		0.22	0.005	1.1	1.77	67	<10	60	1.2	6	0.30	0.7	9	23	119	3.45
ZZ27036		0.42	0.006	0.7	2.42	35	<10	190	1.9	8	0.60	0.9	17	35	181	3.63
ZZ27037		0.46	0.005	3.3	2.60	101	<10	190	2.2	20	0.51	0.6	12	66	470	3.45
ZZ27038		0.48	0.011	4.4	2.63	165	<10	170	1.5	17	0.38	0.5	11	112	504	3.77
ZZ27039		0.26	0.007	2.8	1.90	47	<10	300	0.9	28	0.56	0.7	14	147	248	3.17
ZZ27040		0.30	0.007	1.0	2.62	41	<10	250	1.0	6	0.80	<0.5	21	190	134	3.64
ZZ27041		0.30	0.024	0.4	3.16	89	<10	320	1.4	7	0.69	0.6	39	238	291	4.47
ZZ27042		0.20	0.006	0.6	3.07	38	<10	390	1.0	3	0.65	<0.5	29	171	180	3.89
ZZ27043		0.20	0.006	0.4	3.11	28	<10	310	1.0	4	0.77	0.6	27	242	142	3.74
ZZ27044		0.32	0.013	0.7	2.02	33	<10	1170	1.4	24	0.57	4.7	18	111	132	3.57
ZZ27045		0.34	0.007	0.7	2.65	47	<10	360	1.1	18	0.57	0.6	24	178	156	3.98
ZZ27046		0.32	0.162	1.2	1.61	53	<10	310	1.2	<2	0.60	4.8	17	68	157	3.82
ZZ27047		0.32	0.012	0.8	2.99	34	<10	210	1.2	4	0.84	<0.5	23	84	148	3.69
ZZ27048		0.18	0.017	0.4	3.00	24	<10	220	1.0	5	0.60	<0.5	22	137	85	3.81
ZZ27049		0.16	0.017	0.2	2.56	74	<10	200	0.8	19	0.73	<0.5	40	165	113	4.33
ZZ27050		0.22	0.004	0.3	2.67	45	<10	150	0.9	3	0.47	<0.5	32	121	57	4.10
ZZ27051		0.38	0.004	1.1	2.82	41	<10	170	1.0	11	0.54	0.6	37	118	51	4.84
ZZ27052		0.56	0.006	0.7	3.25	11	<10	150	0.9	<2	1.13	<0.5	22	206	24	3.81
ZZ27053		0.24	0.003	0.2	2.70	15	<10	120	1.0	<2	0.38	<0.5	14	69	37	3.73
ZZ27054		0.32	0.002	0.2	3.44	10	<10	460	0.9	<2	1.12	<0.5	21	131	33	4.20
ZZ27055		0.38	0.020	3.3	3.23	34	<10	280	1.0	16	0.75	2.8	16	90	108	4.29
ZZ27056		0.20	0.005	<0.2	2.03	12	<10	140	0.5	<2	0.30	<0.5	10	39	25	3.77
ZZ27057		0.20	0.003	0.2	3.24	14	<10	220	0.8	4	0.49	<0.5	15	38	35	4.39



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ27018		10	1	0.04	10	0.40	285	<1	0.01	16	840	44	0.08	<2	2	28
ZZ27019		10	1	0.04	10	0.31	149	<1	0.01	11	1120	11	0.10	<2	<1	26
ZZ27020		10	<1	0.07	10	0.43	210	<1	0.01	14	680	13	0.06	<2	2	39
ZZ27021		10	1	0.26	10	0.85	705	<1	0.02	14	1100	20	0.05	<2	3	75
ZZ27022		10	1	0.19	10	0.69	1685	<1	0.04	24	1020	184	0.04	<2	3	192
ZZ27023		10	1	0.07	10	0.49	319	<1	0.01	16	700	15	0.05	<2	2	29
ZZ27024		10	1	0.11	10	0.58	6920	<1	0.01	26	860	88	0.04	<2	4	70
ZZ27025		10	1	0.08	10	0.59	333	<1	0.01	17	730	16	0.05	<2	3	64
ZZ27026		10	<1	0.04	10	0.42	193	<1	0.01	21	740	11	0.08	<2	2	28
ZZ27027		10	<1	0.07	10	0.53	268	<1	0.02	23	820	10	0.08	<2	2	32
ZZ27028		10	1	0.35	10	1.89	1475	<1	0.02	84	1530	52	0.01	<2	8	149
ZZ27029		10	1	0.28	10	1.51	1975	<1	0.02	113	1540	57	0.03	<2	7	124
ZZ27030		10	1	0.20	10	0.97	468	<1	0.02	40	1170	13	0.10	<2	2	112
ZZ27031		10	1	0.08	20	0.43	881	<1	0.01	14	650	100	0.08	<2	2	75
ZZ27032		10	1	0.08	30	0.46	1395	<1	0.01	11	630	127	0.02	<2	3	317
ZZ27033		10	1	0.05	10	0.45	1040	<1	<0.01	16	410	467	0.01	2	2	67
ZZ27034		10	1	0.15	30	0.54	1640	<1	0.02	12	1070	171	0.02	3	3	510
ZZ27035		10	<1	0.09	20	0.44	1210	<1	0.01	11	980	167	0.05	2	2	59
ZZ27036		10	1	0.13	30	0.70	1195	<1	0.02	22	1300	126	0.02	3	5	318
ZZ27037		10	<1	0.11	30	0.84	1865	2	0.01	34	980	272	0.02	5	3	136
ZZ27038		10	1	0.14	20	1.04	1895	2	0.01	52	810	318	0.04	4	3	50
ZZ27039		<10	<1	0.31	20	1.16	2690	2	0.01	75	1420	209	0.01	6	3	84
ZZ27040		10	1	0.43	20	1.64	1485	4	0.03	114	1510	75	0.06	3	4	146
ZZ27041		10	<1	0.45	20	1.98	1200	2	0.03	142	1720	132	0.04	4	5	198
ZZ27042		10	1	0.35	10	1.64	850	2	0.04	95	1570	67	0.04	<2	4	387
ZZ27043		10	<1	0.59	10	2.07	768	1	0.04	142	1650	55	0.07	2	4	249
ZZ27044		<10	<1	0.31	20	1.24	3690	3	0.02	68	1360	1250	0.02	2	4	123
ZZ27045		10	<1	0.39	10	1.76	1465	3	0.02	104	1400	276	0.05	<2	5	129
ZZ27046		<10	<1	0.17	20	0.81	3370	4	0.01	43	1310	1320	0.03	5	4	73
ZZ27047		10	<1	0.31	10	1.34	823	2	0.04	48	1290	72	0.06	<2	4	261
ZZ27048		10	<1	0.25	10	1.48	686	1	0.04	72	1390	31	0.11	<2	4	196
ZZ27049		10	<1	0.36	10	1.56	819	2	0.04	115	1530	42	0.06	2	4	254
ZZ27050		10	1	0.20	10	1.26	986	2	0.03	80	1530	67	0.10	2	4	102
ZZ27051		10	1	0.25	10	1.32	1615	2	0.03	71	1430	148	0.05	<2	5	228
ZZ27052		10	1	0.57	10	3.02	745	1	0.03	167	1820	16	<0.01	<2	4	119
ZZ27053		10	1	0.07	10	1.04	533	1	0.02	59	790	20	0.04	<2	3	45
ZZ27054		10	1	0.34	10	2.68	1165	<1	0.02	125	1490	34	0.03	<2	4	458
ZZ27055		10	<1	0.13	10	1.61	1165	1	0.02	73	1620	850	0.09	8	4	228
ZZ27056		10	<1	0.06	10	0.61	626	2	0.01	22	940	30	0.06	<2	2	39
ZZ27057		10	<1	0.09	10	1.07	1030	1	0.02	29	1460	40	0.07	<2	3	215



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ27018		<20	0.08	<10	<10	68	<10	75
ZZ27019		<20	0.02	<10	<10	62	<10	35
ZZ27020		<20	0.10	<10	<10	79	<10	48
ZZ27021		<20	0.10	<10	<10	74	<10	123
ZZ27022		<20	0.08	<10	<10	74	<10	253
ZZ27023		<20	0.10	<10	<10	71	<10	72
ZZ27024		<20	0.09	<10	<10	88	<10	158
ZZ27025		<20	0.12	<10	<10	81	<10	65
ZZ27026		<20	0.13	<10	<10	88	<10	40
ZZ27027		<20	0.09	<10	<10	81	<10	59
ZZ27028		<20	0.16	<10	<10	117	<10	135
ZZ27029		<20	0.13	<10	<10	98	<10	137
ZZ27030		<20	0.08	<10	<10	77	<10	65
ZZ27031		<20	0.06	<10	<10	63	<10	111
ZZ27032		<20	0.03	<10	<10	44	<10	142
ZZ27033		<20	0.05	<10	<10	67	<10	235
ZZ27034		<20	0.03	<10	10	46	<10	302
ZZ27035		<20	0.05	<10	<10	47	<10	255
ZZ27036		<20	0.10	<10	<10	66	<10	195
ZZ27037		<20	0.05	<10	<10	60	<10	276
ZZ27038		<20	0.09	<10	<10	74	<10	409
ZZ27039		<20	0.15	<10	<10	73	10	230
ZZ27040		<20	0.18	<10	<10	93	<10	144
ZZ27041		<20	0.21	<10	<10	106	<10	222
ZZ27042		<20	0.19	<10	<10	97	<10	119
ZZ27043		<20	0.24	<10	<10	99	<10	124
ZZ27044		<20	0.12	<10	<10	67	<10	1220
ZZ27045		<20	0.17	<10	<10	89	<10	415
ZZ27046		<20	0.08	<10	<10	58	<10	1140
ZZ27047		<20	0.14	<10	<10	90	<10	123
ZZ27048		<20	0.15	<10	<10	96	<10	82
ZZ27049		<20	0.17	<10	<10	101	<10	90
ZZ27050		<20	0.15	<10	<10	92	<10	112
ZZ27051		<20	0.14	<10	<10	107	<10	194
ZZ27052		<20	0.20	<10	<10	79	<10	91
ZZ27053		<20	0.14	<10	<10	80	<10	71
ZZ27054		<20	0.14	<10	<10	98	<10	126
ZZ27055		<20	0.08	<10	<10	91	<10	579
ZZ27056		<20	0.12	<10	<10	95	<10	91
ZZ27057		<20	0.08	<10	<10	88	<10	129



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CERTIFICATE OF ANALYSIS WH11167599

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ27058		0.34	0.006	<0.2	2.60	14	<10	150	0.7	2	0.48	<0.5	16	42	32	4.16
ZZ27059		0.48	0.009	0.2	2.29	14	<10	140	0.6	2	0.54	<0.5	14	42	36	3.90
ZZ27060		0.34	0.001	<0.2	2.45	11	<10	120	0.6	5	0.33	<0.5	12	42	23	4.02
ZZ27061		0.24	0.007	<0.2	2.39	10	<10	110	0.5	<2	0.30	<0.5	11	38	19	3.66
ZZ27062		0.20	0.002	0.2	3.32	14	<10	170	1.1	<2	0.54	<0.5	18	56	48	4.26
ZZ27063		0.32	0.002	<0.2	2.18	10	<10	150	0.5	<2	0.57	<0.5	13	63	28	3.56
ZZ27064		0.38	0.003	0.2	2.95	11	<10	100	0.5	<2	0.23	<0.5	12	55	20	4.26
ZZ27065		0.40	0.003	<0.2	2.59	14	<10	100	0.5	<2	0.32	<0.5	14	71	20	3.82
ZZ27066		0.38	0.003	0.2	2.60	10	<10	150	0.6	<2	0.46	<0.5	11	67	27	3.46
ZZ27067		0.20	0.001	0.5	2.50	9	<10	170	0.6	<2	0.82	<0.5	12	58	27	3.06
ZZ27068		0.32	0.011	1.8	2.47	18	<10	170	0.7	9	0.55	<0.5	15	68	32	3.88
ZZ27069		0.20	0.014	1.2	0.47	30	<10	50	<0.5	<2	0.10	<0.5	2	19	56	1.16
ZZ27070		0.26	0.001	1.7	0.75	3	<10	40	<0.5	<2	0.07	<0.5	2	17	12	1.06
ZZ27071		0.36	0.270	0.5	3.16	109	<10	430	1.2	3	0.69	1.5	41	109	183	5.33
ZZ27072		0.26	0.009	0.6	3.53	23	<10	220	1.3	5	0.86	0.7	28	127	165	4.09
ZZ27073		0.28	0.010	0.2	2.98	59	<10	170	1.1	13	0.71	<0.5	26	81	126	3.71
ZZ27074		0.20	0.005	0.5	2.26	50	<10	110	0.9	<2	0.50	1.2	24	56	47	3.16
ZZ27075		0.44	0.007	0.3	2.36	31	<10	120	0.9	<2	0.69	0.6	30	72	19	5.27
ZZ27076		0.36	0.012	<0.2	2.97	33	<10	180	1.2	2	0.87	<0.5	34	186	34	4.93
ZZ27077		0.44	0.007	0.2	2.43	26	<10	170	0.7	<2	0.58	<0.5	26	175	33	4.17
ZZ27078		0.36	0.002	<0.2	2.52	32	<10	120	0.8	2	0.60	0.6	29	149	22	4.36
ZZ27079		0.34	0.001	<0.2	2.45	18	<10	130	0.8	<2	0.45	<0.5	26	119	22	3.99
ZZ27080		0.28	0.001	0.2	2.67	11	<10	90	1.0	<2	0.48	<0.5	18	59	28	3.34
ZZ27081		0.32	0.002	<0.2	3.08	17	<10	70	1.2	2	1.10	<0.5	29	141	32	4.39
ZZ27082		0.34	0.001	<0.2	3.34	23	<10	90	1.1	2	0.86	<0.5	37	124	42	4.54
ZZ27083		0.28	0.006	<0.2	2.90	50	<10	100	0.8	2	0.89	<0.5	20	93	35	3.85
ZZ27084		0.30	0.004	0.3	2.52	21	<10	100	0.6	3	0.45	<0.5	20	74	37	3.97
ZZ27085		0.28	0.002	0.3	3.09	27	<10	110	1.1	<2	0.59	<0.5	22	146	21	4.42
ZZ27086		0.30	0.003	0.2	3.15	26	<10	170	1.0	2	0.77	<0.5	35	246	61	4.45
ZZ27087		0.32	0.002	0.2	2.87	17	<10	80	0.9	2	0.86	<0.5	28	112	36	3.76
ZZ27088		0.32	0.002	0.2	3.08	13	<10	140	1.0	<2	0.75	0.5	29	140	43	4.09
ZZ27089		0.30	0.004	<0.2	2.67	15	<10	100	1.1	3	0.62	0.5	27	103	22	3.66
ZZ27090		0.32	0.001	<0.2	3.22	65	<10	220	0.9	<2	0.66	<0.5	36	247	45	5.00
ZZ27091		0.40	0.004	0.4	3.46	31	<10	270	1.2	<2	1.06	<0.5	45	217	61	5.36
ZZ27092		0.26	<0.001	<0.2	2.53	19	<10	140	0.8	<2	0.53	<0.5	28	177	31	4.17
ZZ27093		0.22	0.004	<0.2	2.54	14	<10	110	0.7	<2	0.35	<0.5	17	58	29	3.31
ZZ27094		0.28	0.005	<0.2	2.76	14	<10	110	0.6	2	0.45	<0.5	23	99	45	3.81
ZZ27095		0.34	0.002	0.4	2.45	14	<10	80	0.7	3	0.46	<0.5	25	75	41	3.72
ZZ27096		0.24	0.001	0.2	1.66	12	<10	60	<0.5	2	0.35	<0.5	10	63	22	3.62
ZZ27097		0.28	0.002	0.3	2.29	14	<10	60	0.6	<2	0.28	0.8	12	71	32	3.91



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ27058		10	1	0.06	10	1.07	881	1	0.01	32	1130	30	0.04	<2	4	92
ZZ27059		10	1	0.08	10	1.24	831	1	0.02	28	1310	44	0.01	<2	5	98
ZZ27060		10	<1	0.06	10	0.87	533	1	0.01	26	710	41	0.05	<2	3	35
ZZ27061		10	1	0.05	10	0.66	387	1	0.01	23	540	26	0.03	<2	4	38
ZZ27062		10	1	0.08	10	1.42	1410	1	0.02	29	1660	64	0.07	<2	5	99
ZZ27063		<10	<1	0.07	10	1.08	668	<1	0.02	33	1370	20	0.01	<2	5	53
ZZ27064		10	<1	0.05	10	0.66	421	1	0.01	28	530	20	0.03	<2	4	26
ZZ27065		10	<1	0.06	10	0.99	477	1	0.01	31	740	15	0.02	<2	5	34
ZZ27066		10	1	0.06	10	1.02	467	1	0.01	28	1010	21	0.03	<2	5	46
ZZ27067		10	1	0.07	10	0.89	736	1	0.02	27	1340	57	0.07	<2	4	60
ZZ27068		10	1	0.08	10	1.33	947	1	0.02	45	1430	234	0.07	2	3	114
ZZ27069		<10	<1	0.04	<10	0.12	72	2	0.02	7	720	1390	0.06	10	1	33
ZZ27070		<10	<1	0.03	10	0.15	76	1	0.01	6	620	77	0.04	<2	1	20
ZZ27071		10	<1	0.40	20	1.58	1605	3	0.02	62	1770	93	0.02	<2	6	342
ZZ27072		10	1	0.47	10	1.59	1085	2	0.03	52	1550	60	0.07	<2	5	188
ZZ27073		10	1	0.38	10	1.37	824	1	0.03	37	1410	28	0.08	<2	5	130
ZZ27074		10	1	0.13	10	0.77	1530	2	0.03	29	1490	67	0.11	<2	3	86
ZZ27075		10	<1	0.23	10	1.08	1380	1	0.02	31	1540	75	0.02	<2	6	156
ZZ27076		10	<1	0.39	10	1.92	1825	<1	0.03	103	1400	79	0.06	<2	6	392
ZZ27077		10	<1	0.27	10	1.65	1080	<1	0.03	97	1170	36	0.05	<2	5	176
ZZ27078		10	<1	0.23	10	1.25	735	<1	0.04	72	1360	66	0.11	2	3	169
ZZ27079		10	<1	0.19	10	1.11	601	<1	0.04	57	1260	28	0.13	<2	2	132
ZZ27080		10	<1	0.09	10	0.92	573	<1	0.03	30	1300	16	0.08	<2	3	104
ZZ27081		10	<1	0.23	10	1.49	622	<1	0.03	49	1630	184	0.04	<2	4	265
ZZ27082		10	<1	0.32	10	1.63	652	<1	0.04	75	1330	15	0.10	<2	3	293
ZZ27083		10	1	0.12	10	0.86	438	<1	0.05	32	890	65	0.07	<2	2	293
ZZ27084		10	<1	0.08	10	0.64	512	<1	0.03	30	1530	36	0.14	<2	2	93
ZZ27085		10	<1	0.14	10	1.69	1505	<1	0.02	63	1260	51	0.11	<2	6	75
ZZ27086		10	<1	0.48	10	2.69	1020	<1	0.04	173	1380	17	0.07	<2	4	272
ZZ27087		10	<1	0.16	10	1.35	592	<1	0.03	61	1270	18	0.11	<2	2	184
ZZ27088		10	<1	0.29	10	1.79	678	<1	0.05	81	1560	93	0.08	2	2	215
ZZ27089		10	1	0.18	10	1.10	801	<1	0.04	53	1610	72	0.15	<2	3	129
ZZ27090		10	<1	0.35	10	2.85	1105	<1	0.04	157	1510	61	0.06	<2	5	280
ZZ27091		10	<1	0.44	10	3.20	2320	<1	0.02	161	1290	36	0.03	<2	8	259
ZZ27092		10	1	0.31	10	1.92	1165	<1	0.04	99	1160	33	0.08	<2	4	126
ZZ27093		10	<1	0.05	10	0.87	539	<1	0.02	41	780	29	0.05	<2	2	67
ZZ27094		10	<1	0.16	10	1.80	683	<1	0.02	93	1120	44	0.07	<2	2	77
ZZ27095		10	<1	0.08	10	1.29	808	<1	0.02	57	1180	42	0.09	<2	3	57
ZZ27096		10	<1	0.06	10	0.88	446	<1	0.02	32	510	50	0.06	<2	3	39
ZZ27097		10	<1	0.05	10	1.09	436	<1	0.02	34	530	47	0.05	<2	3	28



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ27058		<20	0.10	<10	<10	91	<10	90
ZZ27059		<20	0.13	<10	<10	86	<10	91
ZZ27060		<20	0.11	<10	<10	89	<10	81
ZZ27061		<20	0.12	<10	<10	85	<10	60
ZZ27062		<20	0.07	<10	<10	94	<10	103
ZZ27063		<20	0.12	<10	<10	84	<10	73
ZZ27064		<20	0.13	<10	<10	94	<10	58
ZZ27065		<20	0.14	<10	<10	87	<10	62
ZZ27066		<20	0.10	<10	<10	87	<10	67
ZZ27067		<20	0.07	<10	<10	74	<10	74
ZZ27068		<20	0.07	<10	<10	77	<10	112
ZZ27069		<20	0.03	<10	<10	26	<10	58
ZZ27070		<20	0.03	<10	<10	21	<10	17
ZZ27071		<20	0.15	<10	<10	111	<10	293
ZZ27072		<20	0.15	<10	<10	105	<10	130
ZZ27073		<20	0.16	<10	<10	94	<10	85
ZZ27074		<20	0.10	<10	<10	75	<10	127
ZZ27075		<20	0.14	<10	<10	115	<10	149
ZZ27076		<20	0.12	<10	<10	106	<10	143
ZZ27077		<20	0.14	<10	<10	94	<10	115
ZZ27078		<20	0.10	<10	<10	97	<10	155
ZZ27079		<20	0.10	<10	<10	88	<10	75
ZZ27080		<20	0.05	<10	<10	74	<10	61
ZZ27081		<20	0.07	<10	<10	94	<10	112
ZZ27082		<20	0.06	<10	<10	97	<10	59
ZZ27083		<20	0.07	<10	<10	75	<10	58
ZZ27084		<20	0.07	<10	<10	66	<10	56
ZZ27085		<20	0.09	<10	<10	95	<10	103
ZZ27086		<20	0.17	<10	<10	97	<10	75
ZZ27087		<20	0.07	<10	<10	82	<10	51
ZZ27088		<20	0.10	<10	<10	92	<10	117
ZZ27089		<20	0.07	<10	<10	76	<10	104
ZZ27090		<20	0.15	<10	<10	115	<10	138
ZZ27091		<20	0.11	<10	<10	106	<10	102
ZZ27092		<20	0.14	<10	<10	94	<10	90
ZZ27093		<20	0.10	<10	<10	74	<10	67
ZZ27094		<20	0.11	<10	<10	81	<10	81
ZZ27095		<20	0.10	<10	<10	77	<10	80
ZZ27096		<20	0.16	<10	<10	94	<10	78
ZZ27097		<20	0.16	<10	<10	96	<10	98



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ27098		0.18	0.002	0.2	1.71	12	<10	80	0.5	2	0.46	<0.5	11	55	29	3.04
ZZ27099		0.22	0.003	0.2	1.94	12	<10	90	<0.5	4	0.22	<0.5	6	35	18	3.84
ZZ27100		0.28	0.009	0.2	2.37	11	<10	100	0.5	2	0.26	<0.5	11	37	17	3.57
ZZ27101		0.16	0.007	1.9	2.09	16	<10	110	<0.5	11	0.35	<0.5	10	55	20	3.48
ZZ27102		0.32	0.049	0.7	2.30	21	<10	130	<0.5	14	0.37	<0.5	14	77	19	4.68
ZZ27103		0.20	0.003	1.1	2.27	15	<10	150	0.6	10	0.42	<0.5	10	57	25	3.52
ZZ27104		0.22	0.004	<0.2	1.85	7	<10	100	<0.5	<2	0.73	<0.5	11	69	21	3.01
ZZ27105		0.18	0.003	0.2	0.97	5	<10	20	<0.5	2	0.13	<0.5	4	28	12	2.55
ZZ27106		0.24	0.002	0.2	1.70	11	<10	80	<0.5	<2	0.18	<0.5	6	32	12	3.66
ZZ27107		0.34	0.004	<0.2	2.27	9	<10	80	0.5	3	0.19	<0.5	9	36	20	3.18
ZZ27108		0.32	0.004	<0.2	2.62	13	<10	130	0.6	3	0.43	<0.5	12	42	20	3.72
ZZ27109		0.20	0.011	<0.2	1.93	10	<10	90	<0.5	3	0.38	0.6	12	49	22	3.69
ZZ27110		0.26	0.002	<0.2	2.17	8	<10	120	0.6	<2	0.47	<0.5	12	34	19	3.27
ZZ27111		0.40	0.010	<0.2	2.52	13	<10	130	0.5	3	0.40	<0.5	13	39	29	3.61
ZZ27112		0.38	0.004	0.2	2.42	15	<10	120	0.5	<2	0.29	<0.5	12	39	25	4.05
ZZ27113		0.34	0.004	0.2	2.94	15	<10	180	0.8	<2	0.43	<0.5	14	47	33	4.21
ZZ27114		0.26	0.130	0.4	2.35	16	<10	180	0.6	9	0.48	0.6	15	67	58	3.89
ZZ27115		0.40	0.004	<0.2	2.68	17	<10	150	0.7	<2	0.52	<0.5	14	81	44	3.62
ZZ27116		0.30	0.003	0.2	3.07	13	<10	250	0.8	<2	0.74	<0.5	15	102	43	4.05
ZZ27117		0.34	0.001	<0.2	3.38	13	<10	240	0.8	<2	1.01	<0.5	17	108	42	3.81
ZZ27118		0.40	0.002	<0.2	3.09	17	<10	110	1.2	<2	0.61	<0.5	20	48	27	3.69
ZZ27119		0.46	0.002	0.2	2.96	12	<10	100	1.0	<2	1.03	<0.5	27	84	52	3.96
ZZ27120		0.52	0.002	<0.2	2.73	9	<10	130	0.9	<2	0.98	<0.5	17	84	27	3.86
ZZ27121		0.20	0.002	<0.2	2.41	15	<10	150	0.5	<2	0.56	<0.5	16	107	27	3.35
ZZ27122		0.34	0.001	0.5	2.49	13	<10	150	0.5	<2	0.49	<0.5	14	83	28	3.38
ZZ27123		0.28	0.006	1.1	2.85	22	<10	200	0.8	4	0.41	<0.5	16	111	30	5.66
ZZ27124		0.20	0.002	<0.2	2.10	12	<10	150	0.5	<2	0.41	<0.5	15	87	18	3.74
ZZ27125		0.18	0.004	0.7	2.44	14	<10	180	0.8	<2	0.40	<0.5	17	70	32	4.13
ZZ27126		0.22	0.006	0.2	1.65	10	<10	100	0.5	<2	0.37	<0.5	9	67	21	3.34
ZZ27127		0.22	0.002	<0.2	1.17	4	<10	60	<0.5	<2	0.16	<0.5	4	17	9	1.62
ZZ27128		0.26	0.007	<0.2	1.80	8	<10	100	<0.5	<2	0.19	<0.5	6	28	15	2.91
ZZ27129		0.24	0.005	<0.2	1.50	8	<10	70	<0.5	<2	0.15	<0.5	5	28	10	2.94
ZZ27130		0.20	0.004	<0.2	1.58	9	<10	100	<0.5	<2	0.15	<0.5	5	42	13	3.05
ZZ27131		0.36	0.004	<0.2	3.05	10	<10	390	0.8	<2	0.56	<0.5	14	41	18	4.29
ZZ27132		0.22	0.002	<0.2	1.50	7	<10	80	<0.5	<2	0.17	<0.5	4	28	13	3.18
ZZ27133		0.22	0.003	<0.2	2.05	7	<10	120	0.5	<2	0.22	<0.5	9	67	14	3.62
ZZ27134		0.32	0.001	<0.2	2.11	11	<10	90	<0.5	<2	0.14	<0.5	8	51	14	3.92
ZZ27135		0.28	0.002	<0.2	2.37	13	<10	100	<0.5	<2	0.15	<0.5	10	77	14	4.85
ZZ27136		0.30	0.004	<0.2	2.62	9	<10	250	0.8	<2	0.31	<0.5	13	89	23	3.62
ZZ27137		0.24	0.002	<0.2	1.89	10	<10	160	<0.5	<2	0.17	<0.5	7	76	11	4.08



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ27098		10	<1	0.06	10	0.88	523	<1	0.02	40	990	32	0.07	<2	3	39
ZZ27099		10	<1	0.03	10	0.42	331	<1	0.01	15	560	17	0.06	<2	2	28
ZZ27100		10	<1	0.04	10	0.69	446	<1	0.02	21	600	19	0.05	<2	3	31
ZZ27101		10	1	0.06	10	0.99	545	<1	0.02	28	950	143	0.08	<2	2	95
ZZ27102		10	<1	0.07	10	1.32	729	<1	0.02	45	830	179	0.06	3	3	129
ZZ27103		10	<1	0.05	10	0.94	523	<1	0.02	27	990	223	0.10	<2	3	113
ZZ27104		10	<1	0.04	10	1.04	466	<1	0.03	23	1190	13	0.09	<2	4	56
ZZ27105		10	<1	0.02	10	0.19	144	<1	0.02	10	450	8	0.10	<2	2	21
ZZ27106		10	<1	0.02	10	0.36	221	<1	0.01	12	450	11	0.07	<2	3	24
ZZ27107		10	<1	0.02	10	0.50	318	<1	0.02	19	560	16	0.05	<2	3	24
ZZ27108		10	<1	0.06	10	0.83	640	<1	0.02	23	920	26	0.05	<2	3	47
ZZ27109		10	<1	0.04	10	1.00	571	<1	0.02	16	870	30	0.02	<2	3	49
ZZ27110		10	1	0.04	10	0.75	802	<1	0.02	19	1090	14	0.09	<2	1	61
ZZ27111		10	<1	0.07	10	0.83	640	<1	0.02	26	740	20	0.03	<2	3	73
ZZ27112		10	1	0.07	10	0.77	531	<1	0.02	24	680	25	0.05	<2	3	95
ZZ27113		10	1	0.10	10	1.24	858	<1	0.02	33	1190	41	0.05	<2	4	128
ZZ27114		10	<1	0.10	10	1.12	893	<1	0.03	41	1190	101	0.08	2	2	122
ZZ27115		10	<1	0.09	10	1.24	561	<1	0.02	66	1030	40	0.05	<2	3	74
ZZ27116		10	<1	0.13	10	1.47	898	<1	0.02	74	1410	30	0.03	<2	4	341
ZZ27117		10	<1	0.20	10	1.98	762	<1	0.03	105	1410	25	0.05	<2	3	291
ZZ27118		10	<1	0.14	10	0.84	676	<1	0.05	27	1400	18	0.09	<2	2	162
ZZ27119		10	<1	0.26	10	1.37	718	<1	0.06	54	1600	17	0.03	<2	4	316
ZZ27120		10	<1	0.20	10	1.17	599	<1	0.07	36	1440	11	0.03	<2	3	235
ZZ27121		10	<1	0.37	10	1.62	455	<1	0.04	90	1320	47	0.06	<2	2	74
ZZ27122		10	<1	0.24	10	1.33	505	<1	0.04	75	1160	69	0.06	<2	3	56
ZZ27123		10	<1	0.28	10	1.60	1015	<1	0.04	82	1270	171	0.38	<2	3	92
ZZ27124		10	1	0.11	10	1.24	1550	<1	0.03	61	1000	49	0.09	<2	2	42
ZZ27125		10	<1	0.10	10	1.00	2000	<1	0.03	46	1210	69	0.16	<2	2	76
ZZ27126		10	<1	0.07	10	0.80	427	<1	0.03	40	950	20	0.10	<2	2	46
ZZ27127		10	<1	0.03	<10	0.27	238	<1	0.03	7	560	6	0.06	<2	1	21
ZZ27128		10	<1	0.04	10	0.49	327	<1	0.03	12	580	10	0.05	<2	2	26
ZZ27129		10	<1	0.04	10	0.31	199	<1	0.02	8	380	11	0.03	<2	2	31
ZZ27130		10	<1	0.03	10	0.47	264	<1	0.02	9	440	12	0.04	<2	3	58
ZZ27131		10	<1	0.06	10	1.45	971	<1	0.02	17	1260	19	0.02	<2	7	109
ZZ27132		10	<1	0.03	10	0.32	154	<1	0.02	10	370	9	0.04	<2	2	20
ZZ27133		10	1	0.04	10	0.73	408	<1	0.02	19	520	9	0.03	<2	5	24
ZZ27134		10	<1	0.04	10	0.50	328	<1	0.02	17	310	12	0.03	<2	4	15
ZZ27135		10	1	0.04	10	0.72	586	<1	0.02	23	440	18	0.03	<2	5	14
ZZ27136		10	<1	0.06	10	1.22	834	<1	0.02	36	620	12	0.03	<2	8	24
ZZ27137		10	<1	0.03	10	0.63	403	<1	0.02	15	550	9	0.04	<2	4	20



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ27098		<20	0.11	<10	<10	69	<10	62
ZZ27099		<20	0.10	<10	<10	97	<10	64
ZZ27100		<20	0.12	<10	<10	85	<10	62
ZZ27101		<20	0.09	<10	<10	72	<10	85
ZZ27102		<20	0.18	<10	<10	107	<10	106
ZZ27103		<20	0.09	<10	<10	79	<10	84
ZZ27104		<20	0.11	<10	<10	77	<10	69
ZZ27105		<20	0.12	<10	<10	87	<10	30
ZZ27106		<20	0.14	<10	<10	95	<10	39
ZZ27107		<20	0.12	<10	<10	86	<10	45
ZZ27108		<20	0.10	<10	<10	85	<10	77
ZZ27109		<20	0.09	<10	<10	96	<10	85
ZZ27110		<20	0.06	<10	<10	75	<10	72
ZZ27111		<20	0.12	<10	<10	86	<10	73
ZZ27112		<20	0.12	<10	<10	92	<10	74
ZZ27113		<20	0.10	<10	<10	91	<10	103
ZZ27114		<20	0.10	<10	<10	83	<10	178
ZZ27115		<20	0.14	<10	<10	81	<10	79
ZZ27116		<20	0.08	<10	<10	81	<10	82
ZZ27117		<20	0.09	<10	<10	80	<10	88
ZZ27118		<20	0.06	<10	<10	78	<10	55
ZZ27119		<20	0.11	<10	<10	90	<10	57
ZZ27120		<20	0.10	<10	<10	91	<10	50
ZZ27121		<20	0.17	<10	<10	73	<10	61
ZZ27122		<20	0.16	<10	<10	73	<10	63
ZZ27123		<20	0.12	<10	<10	86	<10	110
ZZ27124		<20	0.14	<10	<10	83	<10	87
ZZ27125		<20	0.08	<10	<10	82	<10	74
ZZ27126		<20	0.12	<10	<10	79	<10	65
ZZ27127		<20	0.05	<10	<10	41	<10	34
ZZ27128		<20	0.07	<10	<10	68	<10	48
ZZ27129		<20	0.10	<10	<10	102	<10	41
ZZ27130		<20	0.08	<10	<10	92	<10	43
ZZ27131		<20	0.06	<10	<10	99	<10	81
ZZ27132		<20	0.10	<10	<10	93	<10	41
ZZ27133		<20	0.10	<10	<10	105	<10	48
ZZ27134		<20	0.11	<10	<10	100	<10	42
ZZ27135		<20	0.13	<10	<10	128	<10	75
ZZ27136		<20	0.10	<10	<10	84	<10	66
ZZ27137		<20	0.09	<10	<10	132	<10	52



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ27138		0.24	0.002	<0.2	2.47	5	<10	360	0.8	<2	0.38	<0.5	11	104	23	3.65
ZZ27139		0.28	0.001	<0.2	2.04	5	<10	120	<0.5	<2	0.20	<0.5	8	61	14	3.45
ZZ27140		0.16	0.007	0.2	1.53	4	<10	320	<0.5	<2	0.67	<0.5	6	49	18	2.38
ZZ27141		0.24	0.001	0.2	1.92	4	<10	310	0.6	<2	0.52	<0.5	12	97	19	3.11
ZZ27142		0.26	0.003	0.2	1.14	3	<10	130	<0.5	<2	0.39	<0.5	4	39	9	1.71
ZZ27143		0.28	0.001	<0.2	1.69	7	<10	70	<0.5	<2	0.14	<0.5	6	59	13	3.33
ZZ27144		0.20	<0.001	0.2	1.01	5	<10	50	<0.5	<2	0.09	<0.5	3	38	9	2.01
ZZ27145		0.22	0.002	0.3	2.39	6	<10	230	0.9	<2	1.15	<0.5	11	86	32	3.38
ZZ27146		0.22	0.009	<0.2	2.40	8	<10	170	0.6	<2	0.50	<0.5	12	38	22	3.67
ZZ27147		0.26	<0.001	<0.2	1.57	8	<10	90	<0.5	<2	0.21	<0.5	6	42	13	2.76
ZZ27148		0.28	0.002	0.2	2.79	7	<10	120	0.6	<2	0.35	<0.5	14	65	19	4.05
ZZ27149		0.28	0.011	0.3	1.31	5	<10	80	<0.5	<2	0.45	<0.5	6	28	14	2.71
ZZ27150		0.20	0.010	0.5	1.07	8	<10	110	<0.5	<2	0.33	<0.5	6	49	16	2.35
ZZ27151		0.30	0.005	0.6	1.95	9	<10	160	0.5	<2	0.36	<0.5	11	74	18	3.12
ZZ27152		0.26	0.007	3.9	2.89	14	<10	200	0.7	4	0.52	<0.5	18	98	36	4.41
ZZ27153		0.22	0.003	0.4	3.05	13	<10	230	0.7	<2	0.49	<0.5	19	103	39	3.93
ZZ27154		0.32	0.004	0.4	2.96	9	<10	230	0.6	<2	0.47	<0.5	18	103	36	3.90
ZZ27155		0.34	0.003	0.2	2.31	10	<10	120	0.5	<2	0.39	<0.5	15	80	29	3.37
ZZ27156		0.32	0.007	0.4	2.87	16	<10	150	1.0	<2	0.55	<0.5	28	68	37	4.21
ZZ27157		0.36	0.014	0.7	3.00	29	<10	130	1.1	2	0.68	1.8	60	89	21	5.55
ZZ27158		0.26	0.002	0.2	2.66	19	<10	110	1.0	<2	0.44	<0.5	17	37	15	3.55
ZZ27159		0.26	0.002	<0.2	3.26	13	<10	90	1.0	<2	0.93	<0.5	27	67	14	3.95
ZZ27160		0.22	<0.001	0.2	2.38	12	<10	100	0.8	<2	0.42	<0.5	12	37	12	3.39
ZZ27161		0.20	0.001	0.4	1.65	9	<10	130	0.6	<2	0.37	<0.5	9	26	14	2.74
ZZ27162		0.24	0.001	<0.2	1.63	3	<10	80	<0.5	<2	0.16	<0.5	6	35	15	2.68
ZZ27163		0.26	0.006	0.2	1.73	11	<10	80	<0.5	2	0.21	<0.5	7	38	16	4.06
ZZ27164		0.22	0.002	0.6	2.03	16	<10	150	<0.5	9	0.29	<0.5	12	72	17	5.28
ZZ27165		0.26	0.002	0.4	2.52	21	<10	130	0.6	18	0.38	<0.5	14	84	20	5.89
ZZ27166		0.18	0.005	0.2	1.27	3	<10	70	<0.5	2	0.13	<0.5	5	35	10	2.29
ZZ27167		0.18	0.012	0.2	0.71	<2	<10	50	<0.5	<2	0.12	<0.5	4	25	12	1.68
ZZ27168		0.26	0.001	0.4	2.05	3	<10	180	0.7	<2	0.77	<0.5	11	83	29	2.97
ZZ27169		0.32	0.001	<0.2	1.57	2	<10	80	<0.5	<2	0.14	<0.5	7	50	15	2.87
ZZ27170		0.28	0.001	<0.2	1.16	2	<10	70	<0.5	<2	0.12	<0.5	5	47	9	2.64
ZZ27171		0.20	0.004	0.2	2.55	<2	<10	140	0.6	<2	0.22	<0.5	10	83	17	4.00
ZZ27172		0.16	0.007	7.1	3.60	11	<10	100	1.0	11	0.20	<0.5	8	66	22	4.37
ZZ27173		0.24	0.002	1.1	2.71	21	<10	120	0.5	13	0.40	<0.5	13	69	24	4.36
ZZ27174		0.28	0.156	0.9	2.90	14	<10	190	0.7	18	0.60	<0.5	17	79	30	4.32
ZZ27175		0.32	0.004	0.9	2.89	19	<10	210	0.8	30	0.47	<0.5	14	70	31	4.36
ZZ27176		0.30	0.018	1.2	2.27	17	<10	180	<0.5	32	0.32	<0.5	14	63	26	4.92
ZZ27177		0.32	0.049	1.5	2.22	23	<10	180	0.5	20	0.36	<0.5	13	76	29	4.87



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ27138		10	<1	0.05	20	1.30	676	<1	0.02	27	810	19	0.03	<2	10	33
ZZ27139		10	<1	0.04	10	0.63	251	<1	0.02	19	370	17	0.03	<2	5	19
ZZ27140		10	<1	0.05	10	0.54	232	<1	0.03	15	780	14	0.09	<2	3	53
ZZ27141		10	<1	0.05	10	1.32	688	<1	0.03	25	950	19	0.04	<2	8	40
ZZ27142		10	<1	0.03	10	0.30	145	<1	0.02	6	510	7	0.05	<2	2	37
ZZ27143		10	<1	0.03	10	0.49	239	<1	0.02	12	430	12	0.04	<2	3	17
ZZ27144		10	<1	0.03	10	0.24	113	<1	0.02	6	460	11	0.04	<2	2	13
ZZ27145		10	<1	0.06	20	1.00	875	<1	0.03	21	1470	14	0.11	<2	7	83
ZZ27146		10	<1	0.06	10	0.94	723	<1	0.03	20	1000	12	0.07	<2	4	105
ZZ27147		10	1	0.04	10	0.48	265	<1	0.02	11	520	13	0.05	<2	2	29
ZZ27148		10	1	0.06	10	1.05	593	1	0.04	28	910	16	0.06	<2	4	46
ZZ27149		10	1	0.05	10	0.38	284	1	0.03	12	620	16	0.06	<2	2	35
ZZ27150		10	1	0.06	<10	0.45	239	1	0.04	27	630	25	0.09	<2	1	45
ZZ27151		10	<1	0.13	10	0.91	643	1	0.04	54	990	80	0.09	<2	2	59
ZZ27152		10	<1	0.17	10	1.50	1190	1	0.05	80	1250	275	0.22	2	3	110
ZZ27153		10	1	0.12	10	1.50	904	1	0.04	84	1070	92	0.10	2	3	126
ZZ27154		10	1	0.11	10	1.43	931	1	0.04	81	1070	73	0.09	3	3	120
ZZ27155		10	<1	0.13	10	1.36	563	1	0.04	72	1010	23	0.06	<2	3	45
ZZ27156		10	1	0.14	10	1.20	1505	1	0.06	46	1550	37	0.07	<2	5	96
ZZ27157		10	1	0.11	10	1.45	2220	2	0.05	49	1710	239	0.05	2	6	248
ZZ27158		10	1	0.05	10	0.83	968	1	0.04	20	1150	71	0.09	<2	2	80
ZZ27159		10	1	0.22	10	1.05	875	<1	0.06	32	1130	32	0.06	<2	4	248
ZZ27160		10	1	0.07	10	0.66	534	1	0.04	16	1220	23	0.10	<2	1	86
ZZ27161		10	1	0.08	10	0.36	962	2	0.04	14	1750	26	0.18	<2	1	68
ZZ27162		10	1	0.05	10	0.38	255	1	0.04	13	660	12	0.08	<2	2	26
ZZ27163		10	<1	0.06	10	0.41	289	2	0.03	16	530	17	0.06	<2	3	28
ZZ27164		10	1	0.07	10	0.86	1160	2	0.03	31	710	91	0.08	3	3	83
ZZ27165		10	<1	0.10	10	1.23	902	2	0.04	44	1220	83	0.08	3	4	84
ZZ27166		10	<1	0.04	10	0.35	286	1	0.03	12	450	42	0.04	<2	2	32
ZZ27167		<10	<1	0.04	<10	0.17	106	1	0.03	9	520	8	0.06	<2	2	17
ZZ27168		10	1	0.05	10	1.04	605	1	0.04	27	1150	12	0.09	<2	8	58
ZZ27169		10	1	0.04	10	0.48	301	1	0.04	16	400	13	0.04	<2	3	18
ZZ27170		10	1	0.03	10	0.47	235	1	0.04	11	310	10	0.04	<2	3	15
ZZ27171		10	<1	0.04	10	0.82	363	1	0.03	24	440	15	0.04	<2	6	23
ZZ27172		10	1	0.05	10	0.63	364	1	0.04	19	830	303	0.07	3	6	70
ZZ27173		10	<1	0.07	10	1.24	618	1	0.04	38	1030	175	0.06	2	4	97
ZZ27174		10	2	0.10	10	1.51	1250	1	0.04	46	1470	171	0.07	2	5	125
ZZ27175		10	<1	0.08	10	1.39	961	1	0.04	38	1240	198	0.07	2	3	175
ZZ27176		10	1	0.08	10	1.17	1045	2	0.04	28	880	193	0.08	4	4	161
ZZ27177		10	1	0.10	10	0.97	864	1	0.04	29	1030	229	0.11	3	3	175



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CERTIFICATE OF ANALYSIS WH11167599

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ27138		<20	0.08	<10	<10	99	<10	68
ZZ27139		<20	0.09	<10	<10	93	<10	44
ZZ27140		<20	0.05	<10	<10	62	<10	38
ZZ27141		<20	0.06	<10	<10	84	<10	65
ZZ27142		<20	0.05	<10	<10	62	<10	23
ZZ27143		<20	0.08	<10	<10	106	<10	37
ZZ27144		<20	0.07	<10	<10	86	<10	24
ZZ27145		<20	0.05	<10	<10	83	<10	72
ZZ27146		<20	0.08	<10	<10	83	<10	67
ZZ27147		<20	0.08	<10	<10	93	<10	44
ZZ27148		<20	0.10	<10	<10	96	<10	88
ZZ27149		<20	0.10	<10	<10	94	<10	41
ZZ27150		<20	0.11	<10	<10	67	<10	38
ZZ27151		<20	0.15	<10	<10	73	<10	61
ZZ27152		<20	0.10	<10	<10	82	<10	95
ZZ27153		<20	0.13	<10	<10	88	<10	109
ZZ27154		<20	0.13	<10	<10	92	<10	97
ZZ27155		<20	0.14	<10	<10	77	<10	74
ZZ27156		<20	0.14	<10	<10	93	<10	116
ZZ27157		<20	0.08	<10	<10	101	<10	336
ZZ27158		<20	0.06	<10	<10	79	<10	126
ZZ27159		<20	0.09	<10	<10	93	<10	92
ZZ27160		<20	0.05	<10	<10	75	<10	75
ZZ27161		<20	0.03	<10	<10	63	<10	83
ZZ27162		<20	0.08	<10	<10	71	<10	45
ZZ27163		<20	0.18	<10	<10	114	<10	60
ZZ27164		<20	0.20	<10	<10	126	<10	113
ZZ27165		<20	0.21	<10	<10	125	<10	98
ZZ27166		<20	0.10	<10	<10	93	<10	42
ZZ27167		<20	0.06	<10	<10	63	<10	29
ZZ27168		<20	0.06	<10	<10	80	<10	62
ZZ27169		<20	0.09	<10	<10	80	<10	41
ZZ27170		<20	0.07	<10	<10	90	<10	37
ZZ27171		<20	0.09	<10	<10	105	<10	55
ZZ27172		<20	0.11	<10	<10	74	<10	66
ZZ27173		<20	0.12	<10	<10	90	<10	97
ZZ27174		<20	0.10	<10	<10	92	<10	125
ZZ27175		<20	0.10	<10	<10	86	<10	131
ZZ27176		<20	0.14	<10	<10	98	<10	125
ZZ27177		<20	0.16	<10	<10	109	<10	114



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To: ARCHER, CATHRO AND ASSOCIATES (1981)
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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ27178		0.20	0.005	0.3	1.30	5	<10	90	<0.5	<2	0.19	<0.5	8	37	21	3.27
ZZ27179		0.38	0.012	0.2	2.29	8	<10	120	0.6	<2	0.33	<0.5	10	38	19	3.22
ZZ27180		0.28	0.004	0.2	1.18	4	<10	90	<0.5	2	0.14	<0.5	4	22	12	2.13
ZZ27181		0.28	0.002	0.2	2.05	8	<10	110	<0.5	2	0.27	<0.5	8	39	18	3.44
ZZ27182		0.26	0.003	0.3	3.05	11	<10	180	0.9	2	0.40	<0.5	19	52	40	4.40
ZZ27183		0.32	0.004	<0.2	3.21	6	<10	210	1.1	2	0.73	<0.5	17	55	40	4.17
ZZ27184		0.32	0.018	<0.2	2.36	14	<10	130	0.7	5	0.36	<0.5	14	38	30	3.92
ZZ27185		0.22	0.002	0.4	0.84	4	<10	90	<0.5	<2	0.22	0.6	9	18	12	1.61
ZZ27186		0.22	0.017	3.7	1.77	30	<10	110	0.6	16	0.43	0.5	15	59	60	4.43
ZZ27187		0.30	0.012	<0.2	2.50	11	<10	130	0.5	<2	0.37	<0.5	13	68	24	3.43
ZZ27188		0.36	0.006	0.6	2.94	18	<10	120	0.8	2	0.71	<0.5	22	92	71	4.02
ZZ27189		0.36	0.001	0.5	2.16	13	<10	90	0.8	3	0.68	<0.5	14	51	66	2.79
ZZ27190		0.24	0.004	0.2	2.34	23	<10	120	0.9	<2	0.31	<0.5	15	54	19	3.88
ZZ27191		0.28	0.002	0.2	3.12	16	<10	170	1.0	<2	0.51	<0.5	21	148	35	3.94
ZZ27192		0.28	0.002	0.2	2.53	18	<10	130	0.7	<2	0.65	<0.5	31	139	50	4.46
ZZ27193		0.28	0.004	<0.2	2.54	18	<10	110	0.6	<2	0.22	<0.5	14	95	16	3.86
ZZ27194		0.28	0.013	0.4	2.20	73	<10	140	0.6	9	0.41	0.9	20	90	59	3.70
ZZ27195		0.20	0.005	<0.2	2.31	38	<10	130	0.6	4	0.29	<0.5	10	76	32	3.63
ZZ27196		0.34	0.004	<0.2	3.17	24	<10	330	0.9	5	0.74	<0.5	25	131	43	3.96
ZZ27197		0.26	0.009	0.2	2.36	33	<10	180	0.6	3	0.38	<0.5	16	96	73	3.60
ZZ27198		0.20	0.006	<0.2	3.13	125	<10	170	0.8	5	0.28	<0.5	22	147	105	3.90
ZZ27199		0.38	0.005	0.2	3.44	39	<10	310	1.0	2	0.85	<0.5	38	252	137	3.87
ZZ27200		0.30	0.017	3.2	2.96	77	<10	200	0.9	21	0.38	0.5	23	128	268	4.11
ZZ27206		0.18	0.003	<0.2	2.25	11	<10	120	0.7	2	0.47	<0.5	13	66	19	3.31
ZZ27207		0.30	0.003	0.3	2.91	19	<10	90	1.1	<2	0.36	<0.5	12	51	14	3.82
ZZ27208		0.22	0.002	<0.2	2.29	16	<10	130	0.8	<2	0.67	<0.5	18	91	20	3.81
ZZ27209		0.36	0.005	0.2	2.41	22	<10	90	0.9	<2	0.67	<0.5	26	89	18	4.51
ZZ27210		0.42	0.006	<0.2	2.14	12	<10	120	0.7	<2	0.37	<0.5	12	75	13	3.71
ZZ27211		0.26	0.004	0.2	2.85	15	<10	120	1.0	2	0.52	<0.5	12	95	7	4.07
ZZ27212		0.46	0.004	<0.2	2.65	17	<10	130	0.9	<2	0.59	<0.5	17	96	25	3.78
ZZ27213		0.52	0.007	<0.2	3.21	21	<10	150	1.2	<2	0.89	0.8	25	92	32	4.54
ZZ27214		0.28	0.011	<0.2	3.09	26	<10	150	1.0	6	0.71	<0.5	18	89	38	4.39
ZZ27215		0.28	0.006	<0.2	2.77	16	<10	140	1.0	<2	0.33	<0.5	16	59	21	3.68
ZZ27216		0.22	0.005	<0.2	2.08	12	<10	90	0.8	<2	0.49	<0.5	8	31	14	2.92
ZZ27217		0.22	0.005	0.3	2.88	19	<10	80	1.6	<2	0.54	<0.5	17	34	19	3.87
ZZ27218		0.50	0.008	<0.2	2.32	15	<10	110	0.8	<2	0.37	<0.5	15	85	20	3.53
ZZ27219		0.36	0.003	<0.2	3.66	15	<10	140	1.3	<2	0.76	<0.5	30	108	37	4.58
ZZ27220		0.44	0.004	<0.2	2.58	12	<10	120	0.8	<2	0.47	<0.5	15	78	31	3.91
ZZ27221		0.34	0.004	0.3	3.01	11	<10	140	1.1	<2	0.81	<0.5	15	76	23	3.60
ZZ27222		0.30	0.005	<0.2	2.97	17	<10	150	1.0	<2	0.58	<0.5	18	84	29	3.97



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ27178		10	1	0.06	10	0.37	537	3	0.03	16	670	21	0.07	<2	2	28
ZZ27179		10	<1	0.06	10	0.70	410	1	0.04	19	750	13	0.06	<2	3	45
ZZ27180		10	1	0.03	10	0.21	143	1	0.03	9	450	10	0.06	<2	1	26
ZZ27181		10	1	0.06	10	0.66	413	1	0.03	18	710	16	0.06	<2	2	47
ZZ27182		10	<1	0.07	10	1.23	1010	2	0.04	28	1070	74	0.10	<2	4	60
ZZ27183		10	1	0.15	10	1.82	1265	1	0.04	24	1280	38	0.04	<2	8	424
ZZ27184		10	1	0.08	10	0.92	829	1	0.01	25	1200	26	0.09	2	2	87
ZZ27185		<10	<1	0.04	<10	0.18	1490	<1	0.02	8	1180	15	0.16	<2	<1	28
ZZ27186		10	1	0.18	10	1.13	724	2	0.03	43	1500	990	0.31	4	2	69
ZZ27187		10	1	0.09	10	0.95	383	<1	0.02	52	850	25	0.05	2	3	34
ZZ27188		10	<1	0.20	10	2.04	816	<1	0.03	100	1500	60	0.07	2	2	96
ZZ27189		10	1	0.10	10	0.98	605	<1	0.02	42	1470	46	0.14	<2	1	110
ZZ27190		10	1	0.07	10	0.72	1530	<1	0.02	28	1130	38	0.11	<2	2	77
ZZ27191		10	1	0.13	10	1.73	898	<1	0.03	97	1080	29	0.10	<2	3	127
ZZ27192		10	<1	0.27	10	2.02	1250	<1	0.03	108	1170	36	0.04	<2	5	102
ZZ27193		10	<1	0.10	10	0.96	374	<1	0.02	41	580	27	0.06	2	4	29
ZZ27194		10	1	0.16	10	0.94	707	<1	0.03	40	1000	204	0.05	3	4	58
ZZ27195		10	<1	0.12	10	0.81	313	<1	0.02	29	800	21	0.09	2	3	35
ZZ27196		10	<1	0.48	10	1.57	789	<1	0.04	50	1100	27	0.04	2	5	429
ZZ27197		10	1	0.24	10	1.11	532	<1	0.02	45	1030	22	0.08	2	3	89
ZZ27198		10	1	0.18	10	1.55	482	<1	0.02	93	680	25	0.05	<2	4	43
ZZ27199		10	1	0.57	10	2.28	1560	<1	0.03	181	1500	107	0.04	3	5	296
ZZ27200		10	1	0.20	10	1.54	1210	2	0.03	81	900	229	0.08	4	4	76
ZZ27206		10	1	0.13	10	0.99	503	<1	0.04	34	1140	17	0.11	<2	2	88
ZZ27207		10	<1	0.05	10	0.92	662	<1	0.02	21	1240	38	0.11	<2	2	64
ZZ27208		10	<1	0.15	10	1.00	641	<1	0.04	39	1450	18	0.05	<2	3	139
ZZ27209		10	<1	0.10	10	1.01	1010	<1	0.04	42	1470	34	0.05	<2	4	209
ZZ27210		10	1	0.08	10	0.89	544	<1	0.02	33	1060	18	0.07	<2	2	50
ZZ27211		10	1	0.15	10	1.16	1165	<1	0.02	30	1350	29	0.11	<2	4	86
ZZ27212		10	1	0.12	10	1.01	720	<1	0.03	46	1450	18	0.06	<2	3	118
ZZ27213		10	<1	0.24	10	1.33	1480	<1	0.05	55	1500	36	0.05	3	4	161
ZZ27214		10	1	0.28	10	1.54	816	<1	0.04	64	1280	31	0.08	<2	3	146
ZZ27215		10	1	0.12	10	1.11	684	<1	0.04	32	1080	17	0.10	<2	3	57
ZZ27216		10	1	0.06	10	0.60	467	<1	0.02	14	1260	19	0.11	<2	1	80
ZZ27217		10	1	0.09	10	0.74	971	<1	0.02	19	1310	37	0.10	<2	2	101
ZZ27218		10	1	0.10	10	0.86	532	<1	0.03	43	1070	21	0.07	2	2	85
ZZ27219		10	1	0.34	10	1.83	819	<1	0.03	72	1460	48	0.06	3	3	268
ZZ27220		10	1	0.13	10	1.08	440	<1	0.03	50	1190	17	0.09	<2	2	120
ZZ27221		10	1	0.26	10	1.16	507	<1	0.02	31	1280	24	0.09	<2	3	190
ZZ27222		10	<1	0.21	10	1.21	776	<1	0.03	35	1180	36	0.08	<2	3	129



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ27178		<20	0.15	<10	<10	113	<10	62
ZZ27179		<20	0.11	<10	<10	85	<10	61
ZZ27180		<20	0.09	<10	<10	67	<10	29
ZZ27181		<20	0.11	<10	<10	90	<10	80
ZZ27182		<20	0.10	<10	<10	107	<10	106
ZZ27183		<20	0.13	<10	<10	103	<10	107
ZZ27184		<20	0.08	<10	<10	88	<10	86
ZZ27185		<20	0.03	<10	<10	43	<10	34
ZZ27186		<20	0.07	<10	<10	74	<10	120
ZZ27187		<20	0.15	<10	<10	80	<10	63
ZZ27188		<20	0.11	<10	<10	88	<10	113
ZZ27189		<20	0.05	<10	<10	62	<10	63
ZZ27190		<20	0.05	<10	<10	74	<10	122
ZZ27191		<20	0.10	<10	<10	95	<10	115
ZZ27192		<20	0.14	<10	<10	100	<10	107
ZZ27193		<20	0.18	<10	<10	107	<10	72
ZZ27194		<20	0.14	<10	<10	97	<10	181
ZZ27195		<20	0.16	<10	<10	101	<10	68
ZZ27196		<20	0.17	<10	<10	116	<10	97
ZZ27197		<20	0.16	<10	<10	105	<10	81
ZZ27198		<20	0.20	<10	<10	97	<10	69
ZZ27199		<20	0.22	<10	<10	97	<10	126
ZZ27200		<20	0.18	<10	<10	104	<10	289
ZZ27206		<20	0.09	<10	<10	77	<10	63
ZZ27207		<20	0.04	<10	<10	80	<10	91
ZZ27208		<20	0.10	<10	<10	84	<10	71
ZZ27209		<20	0.08	<10	<10	90	<10	101
ZZ27210		<20	0.10	<10	<10	84	<10	75
ZZ27211		<20	0.05	<10	<10	87	<10	150
ZZ27212		<20	0.10	<10	<10	85	<10	77
ZZ27213		<20	0.11	<10	<10	101	<10	220
ZZ27214		<20	0.12	<10	<10	101	<10	103
ZZ27215		<20	0.12	<10	<10	91	<10	77
ZZ27216		<20	0.03	<10	<10	68	<10	69
ZZ27217		<20	0.03	<10	<10	74	<10	86
ZZ27218		<20	0.09	<10	<10	77	<10	75
ZZ27219		<20	0.11	<10	<10	104	<10	82
ZZ27220		<20	0.10	<10	<10	94	<10	54
ZZ27221		<20	0.08	<10	<10	82	<10	69
ZZ27222		<20	0.08	<10	<10	91	<10	95



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ27223		0.46	0.004	0.3	2.78	20	<10	120	1.2	2	0.62	<0.5	15	32	18	3.53
ZZ27231		0.14	0.013	0.4	2.62	17	<10	80	1.4	2	0.47	<0.5	12	25	19	3.32
ZZ27232		0.22	0.009	<0.2	1.83	14	<10	120	0.7	<2	0.21	<0.5	8	32	15	3.36
ZZ27233		0.24	0.004	<0.2	2.24	16	<10	120	0.8	2	0.38	0.5	14	33	15	3.44
ZZ27234		0.22	0.003	0.2	3.22	11	<10	90	1.3	<2	0.81	<0.5	13	33	16	3.42
ZZ27235		0.24	0.007	<0.2	2.32	28	<10	100	1.2	2	0.32	0.5	13	30	14	4.25
ZZ27236		0.20	0.005	<0.2	3.09	14	<10	90	1.3	<2	0.77	<0.5	15	28	17	3.52
ZZ27237		0.24	0.006	<0.2	2.55	15	<10	170	0.8	2	0.48	<0.5	21	102	20	3.75
ZZ27238		0.24	<0.001	0.2	1.87	65	<10	90	0.6	2	0.20	<0.5	9	52	18	3.24
ZZ27239		0.20	0.004	<0.2	1.82	6	<10	190	0.5	2	0.67	0.6	15	100	21	2.60
ZZ27240		0.16	0.016	0.2	1.55	4	<10	110	<0.5	<2	0.41	<0.5	15	160	19	2.76
ZZ27241		0.20	<0.001	0.2	2.58	13	<10	90	0.9	<2	0.57	<0.5	17	80	22	3.21
ZZ27242		0.18	<0.001	<0.2	2.37	11	<10	100	0.6	<2	0.34	<0.5	11	102	25	3.30
ZZ27243		0.16	0.006	0.4	1.83	9	<10	150	<0.5	2	0.31	<0.5	9	98	20	3.43



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ27223		10	<1	0.09	10	0.69	965	<1	0.04	17	1370	37	0.14	2	2	181
ZZ27231		10	<1	0.06	10	0.61	1340	1	0.02	15	1800	41	0.17	2	1	63
ZZ27232		10	<1	0.04	10	0.43	388	1	0.01	16	700	23	0.08	<2	1	50
ZZ27233		10	<1	0.07	10	0.62	690	1	0.02	18	1050	24	0.07	<2	2	111
ZZ27234		10	<1	0.11	10	0.96	559	<1	0.03	15	1270	16	0.09	<2	2	114
ZZ27235		10	1	0.08	10	0.53	1060	2	0.02	16	1210	28	0.12	<2	2	87
ZZ27236		10	1	0.08	10	0.77	516	1	0.05	14	1420	21	0.11	<2	3	191
ZZ27237		10	<1	0.19	10	0.94	505	<1	0.03	38	1230	26	0.10	<2	3	242
ZZ27238		10	<1	0.06	10	0.48	572	1	0.02	24	1010	20	0.10	<2	1	33
ZZ27239		10	<1	0.24	10	1.05	706	1	0.02	61	1860	14	0.18	<2	1	152
ZZ27240		10	<1	0.22	10	1.06	363	<1	0.04	79	1180	11	0.13	<2	1	66
ZZ27241		10	<1	0.11	10	1.02	759	<1	0.03	52	1290	30	0.13	<2	1	84
ZZ27242		10	1	0.11	10	0.93	415	<1	0.03	55	960	14	0.11	<2	1	51
ZZ27243		10	1	0.11	10	0.74	489	1	0.03	43	1100	11	0.12	<2	1	56



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ27223		<20	0.04	<10	<10	69	<10	109
ZZ27231		<20	0.02	<10	<10	59	<10	103
ZZ27232		<20	0.06	<10	<10	73	<10	74
ZZ27233		<20	0.06	<10	<10	75	<10	76
ZZ27234		<20	0.04	<10	<10	77	<10	56
ZZ27235		<20	0.04	<10	<10	67	<10	106
ZZ27236		<20	0.03	<10	<10	69	<10	59
ZZ27237		<20	0.10	<10	<10	85	<10	80
ZZ27238		<20	0.07	<10	<10	76	<10	80
ZZ27239		<20	0.07	<10	<10	65	<10	58
ZZ27240		<20	0.12	<10	<10	75	<10	43
ZZ27241		<20	0.07	<10	<10	74	<10	73
ZZ27242		<20	0.12	<10	<10	85	<10	67
ZZ27243		<20	0.11	<10	<10	95	<10	76



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CERTIFICATE WH11167598

Project: 000 SELWIN
 P.O. No.:
 This report is for 212 Soil samples submitted to our lab in Whitehorse, YT, Canada on 25- AUG- 2011.
 The following have access to data associated with this certificate:
 JOAN MARIACHER HEATHER SMITH

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- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26806		0.42	0.004	0.3	2.74	20	<10	130	0.9	2	0.53	<0.5	17	68	62	3.58
ZZ26807		0.34	0.003	0.2	2.64	11	<10	130	0.7	<2	0.80	<0.5	17	82	44	3.39
ZZ26808		0.40	0.002	2.0	3.86	17	<10	590	1.9	<2	1.06	<0.5	20	123	80	3.46
ZZ26809		0.24	0.013	0.2	2.14	13	<10	160	0.6	<2	0.57	<0.5	13	72	63	3.15
ZZ26810		0.46	0.005	0.4	3.08	16	<10	160	0.7	<2	0.99	<0.5	21	186	30	3.80
ZZ26811		0.44	0.002	0.4	3.69	12	<10	250	1.1	<2	1.38	<0.5	23	151	42	3.97
ZZ26812		0.28	0.010	<0.2	2.32	13	<10	110	0.7	<2	0.48	<0.5	14	94	33	3.20
ZZ26813		0.32	0.003	<0.2	2.66	17	<10	90	0.7	<2	0.25	<0.5	13	73	21	3.64
ZZ26814		0.20	0.003	<0.2	2.90	12	<10	140	0.6	<2	0.42	<0.5	21	108	22	3.54
ZZ26815		0.28	<0.001	0.2	1.18	9	<10	100	<0.5	<2	0.30	<0.5	11	61	15	2.46
ZZ26816		0.16	0.004	<0.2	2.34	15	<10	100	0.6	<2	0.32	<0.5	17	47	23	3.03
ZZ26817		0.48	0.005	0.5	2.17	15	<10	140	0.5	<2	0.48	<0.5	13	85	23	3.38
ZZ26818		0.34	0.007	0.4	2.50	23	<10	140	0.6	2	0.67	<0.5	28	107	47	4.06
ZZ26819		0.30	0.002	0.6	2.97	15	<10	260	0.8	4	0.70	<0.5	21	116	41	3.73
ZZ26820		0.22	0.010	1.5	2.96	34	<10	220	1.0	13	1.03	<0.5	28	75	40	3.70
ZZ26821		0.40	0.006	0.7	2.55	18	<10	110	0.9	4	0.75	<0.5	17	66	59	3.48
ZZ26822		0.40	0.004	<0.2	2.84	12	<10	160	0.7	<2	0.62	<0.5	19	91	31	3.36
ZZ26823		0.40	0.005	0.2	2.44	19	<10	140	0.6	<2	0.52	<0.5	17	88	35	3.35
ZZ26824		0.40	0.002	0.3	4.08	27	<10	290	1.1	<2	0.75	1.1	26	172	44	4.26
ZZ26825		0.34	0.002	0.3	3.20	8	<10	200	0.7	<2	0.43	<0.5	19	104	32	3.88
ZZ26826		0.24	0.003	0.2	2.04	10	<10	130	0.5	<2	0.54	<0.5	16	108	27	3.11
ZZ26827		0.38	0.003	0.2	2.81	9	<10	130	0.7	<2	0.64	<0.5	21	100	41	3.51
ZZ26828		0.30	0.002	<0.2	3.76	11	<10	180	0.6	<2	0.84	<0.5	20	89	34	3.55
ZZ26829		0.24	0.006	<0.2	2.74	13	<10	120	0.6	<2	0.32	<0.5	16	80	22	3.47
ZZ26830		0.24	0.009	0.6	2.80	17	<10	160	0.7	<2	0.46	<0.5	21	79	44	3.64
ZZ26831		0.22	0.002	<0.2	2.43	8	<10	90	0.5	<2	0.23	<0.5	12	39	44	2.70
ZZ26832		0.20	0.005	<0.2	2.61	7	<10	70	1.4	<2	0.97	<0.5	16	76	51	2.92
ZZ26833		0.22	0.004	<0.2	2.48	9	<10	130	0.5	<2	0.28	<0.5	14	72	22	3.62
ZZ26834		0.30	0.002	0.2	3.24	10	<10	190	0.8	<2	0.27	1.3	20	78	33	3.71
ZZ26835		0.22	0.002	<0.2	2.78	9	<10	120	0.5	<2	0.24	<0.5	16	58	26	3.08
ZZ26836		0.18	0.003	<0.2	2.76	13	<10	110	0.8	<2	0.21	<0.5	13	82	27	4.07
ZZ26837		0.34	0.002	<0.2	2.62	5	<10	250	0.6	<2	0.82	<0.5	14	82	31	3.30
ZZ26838		0.22	0.003	<0.2	2.52	10	<10	90	0.5	<2	0.23	<0.5	13	57	25	3.19
ZZ26839		0.22	0.012	<0.2	2.34	11	<10	120	0.5	<2	0.31	<0.5	13	55	27	3.11
ZZ26840		0.26	0.001	<0.2	3.50	10	<10	240	1.1	<2	0.83	<0.5	13	51	34	3.73
ZZ26841		0.22	0.010	<0.2	1.91	12	<10	130	0.5	<2	0.28	<0.5	7	39	19	2.79
ZZ26842		0.38	0.010	0.2	2.31	20	<10	170	0.7	<2	0.75	<0.5	14	66	49	3.49
ZZ26843		0.20	0.005	<0.2	2.48	15	<10	100	0.5	<2	0.28	<0.5	12	65	30	3.08
ZZ26844		0.28	0.004	<0.2	2.53	14	<10	200	0.5	2	0.49	<0.5	13	70	25	3.06
ZZ26845		0.24	0.003	<0.2	2.09	11	<10	140	<0.5	<2	0.56	<0.5	15	87	40	2.80



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
ZZ26806		10	1	0.11	10	1.28	782	1	0.02	61	1150	47	0.04	<2	3	69
ZZ26807		10	1	0.28	10	1.68	707	1	0.03	92	1470	28	0.02	<2	3	178
ZZ26808		10	1	0.07	10	2.14	2270	1	0.02	88	1230	454	0.04	<2	5	1420
ZZ26809		10	1	0.09	10	0.96	415	<1	0.02	50	1400	43	0.03	<2	3	135
ZZ26810		10	1	0.47	10	2.32	553	1	0.03	124	1850	40	0.02	<2	4	265
ZZ26811		10	1	0.52	10	2.52	809	<1	0.02	160	1610	26	0.02	<2	6	273
ZZ26812		10	<1	0.10	10	1.21	527	1	0.03	62	940	27	0.04	<2	3	66
ZZ26813		10	<1	0.07	10	0.91	552	1	0.01	48	950	22	0.09	<2	2	31
ZZ26814		10	1	0.23	10	1.52	374	<1	0.02	79	1090	26	0.06	2	3	59
ZZ26815		10	<1	0.08	<10	0.77	482	1	0.02	47	720	43	0.08	<2	1	35
ZZ26816		10	<1	0.08	10	0.74	545	1	0.01	29	710	15	0.05	<2	3	59
ZZ26817		10	1	0.17	10	0.95	749	<1	0.03	51	1190	240	0.10	2	3	79
ZZ26818		10	1	0.40	10	1.46	709	1	0.04	73	1580	36	0.21	<2	3	283
ZZ26819		10	1	0.22	10	1.66	982	1	0.03	82	1200	42	0.09	<2	3	191
ZZ26820		10	1	0.19	10	1.11	897	2	0.05	54	1420	143	0.07	3	4	274
ZZ26821		10	1	0.14	10	1.09	983	1	0.02	51	1460	38	0.06	4	2	141
ZZ26822		10	1	0.22	10	1.59	694	2	0.04	84	1380	30	0.03	<2	2	130
ZZ26823		10	1	0.17	10	1.30	674	2	0.03	68	1380	78	0.03	<2	2	90
ZZ26824		10	1	0.63	10	2.83	1370	2	0.03	155	1390	82	0.04	3	3	150
ZZ26825		10	<1	0.26	10	1.73	836	2	0.04	89	1140	17	0.03	<2	3	135
ZZ26826		<10	<1	0.29	10	1.26	1020	2	0.03	66	1300	54	0.01	<2	3	81
ZZ26827		10	<1	0.23	10	1.57	1285	3	0.03	86	1140	23	0.05	3	3	110
ZZ26828		10	1	0.30	10	1.40	835	2	0.05	94	870	20	0.03	2	1	113
ZZ26829		10	1	0.13	10	1.27	723	2	0.04	59	1000	18	0.07	<2	2	46
ZZ26830		10	1	0.18	10	1.28	1365	3	0.04	66	1340	48	0.04	2	4	75
ZZ26831		10	<1	0.05	10	0.62	337	2	0.02	29	660	12	0.04	<2	2	30
ZZ26832		10	<1	0.16	10	1.05	468	2	0.03	50	1380	29	0.01	3	4	100
ZZ26833		10	1	0.17	10	1.10	381	3	0.03	64	610	12	0.04	<2	2	53
ZZ26834		10	1	0.22	10	1.74	2220	2	0.03	91	680	414	0.03	3	4	69
ZZ26835		<10	1	0.10	10	0.91	559	2	0.03	48	590	14	0.03	<2	3	32
ZZ26836		10	1	0.09	10	1.08	2290	1	0.01	64	660	19	0.06	3	4	28
ZZ26837		10	<1	0.21	10	1.33	520	<1	0.03	52	1350	13	0.02	<2	5	302
ZZ26838		10	1	0.06	10	0.82	585	1	0.01	37	570	10	0.05	2	3	36
ZZ26839		10	1	0.05	10	0.81	624	<1	0.02	38	640	19	0.05	<2	3	40
ZZ26840		10	<1	0.08	10	1.36	1000	<1	0.02	36	1380	23	0.04	<2	4	255
ZZ26841		10	<1	0.04	10	0.42	312	1	0.01	24	980	9	0.11	<2	2	36
ZZ26842		10	<1	0.08	10	1.07	653	1	0.02	50	1630	29	0.02	3	5	116
ZZ26843		10	<1	0.07	10	0.97	430	<1	0.01	61	510	18	0.06	<2	3	36
ZZ26844		10	1	0.07	10	1.04	546	<1	0.02	54	1160	40	0.04	<2	3	112
ZZ26845		10	1	0.33	10	1.16	349	<1	0.03	68	1400	16	0.03	<2	3	116



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26806		<20	0.12	<10	<10	81	<10	98
ZZ26807		<20	0.17	<10	<10	79	<10	87
ZZ26808		<20	0.11	<10	<10	86	<10	92
ZZ26809		<20	0.16	<10	<10	81	<10	68
ZZ26810		<20	0.20	<10	<10	82	<10	82
ZZ26811		<20	0.12	<10	<10	81	<10	94
ZZ26812		<20	0.14	<10	<10	78	<10	68
ZZ26813		<20	0.12	<10	<10	84	<10	77
ZZ26814		<20	0.17	<10	<10	81	<10	61
ZZ26815		<20	0.12	<10	<10	65	<10	44
ZZ26816		<20	0.11	<10	<10	67	<10	55
ZZ26817		<20	0.14	<10	<10	72	<10	77
ZZ26818		<20	0.15	<10	<10	83	<10	64
ZZ26819		<20	0.12	<10	<10	86	<10	97
ZZ26820		<20	0.09	<10	<10	79	<10	82
ZZ26821		<20	0.10	<10	<10	79	<10	82
ZZ26822		<20	0.13	<10	<10	77	<10	89
ZZ26823		<20	0.12	<10	<10	76	<10	144
ZZ26824		<20	0.16	<10	<10	96	<10	340
ZZ26825		<20	0.18	<10	<10	99	<10	93
ZZ26826		<20	0.12	<10	<10	69	<10	103
ZZ26827		<20	0.11	<10	<10	81	<10	78
ZZ26828		<20	0.09	<10	<10	74	<10	61
ZZ26829		<20	0.12	<10	<10	81	<10	80
ZZ26830		<20	0.13	<10	<10	81	<10	128
ZZ26831		<20	0.09	<10	<10	60	<10	58
ZZ26832		<20	0.08	<10	<10	62	<10	54
ZZ26833		<20	0.15	<10	<10	82	<10	71
ZZ26834		<20	0.12	<10	<10	81	<10	367
ZZ26835		<20	0.12	<10	<10	63	<10	77
ZZ26836		<20	0.12	<10	<10	83	<10	101
ZZ26837		<20	0.12	<10	<10	81	<10	77
ZZ26838		<20	0.11	<10	<10	72	<10	81
ZZ26839		<20	0.13	<10	<10	73	<10	74
ZZ26840		<20	0.08	<10	<10	85	<10	77
ZZ26841		<20	0.09	<10	<10	72	<10	61
ZZ26842		<20	0.10	<10	<10	77	<10	73
ZZ26843		<20	0.14	<10	<10	66	<10	71
ZZ26844		<20	0.14	<10	<10	70	<10	73
ZZ26845		<20	0.15	<10	<10	61	<10	51



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26846		0.24	0.004	0.2	3.38	17	<10	250	0.8	<2	0.46	<0.5	24	139	33	3.77
ZZ26847		0.26	<0.001	<0.2	2.46	18	<10	90	0.5	<2	0.23	<0.5	15	107	20	4.19
ZZ26848		0.24	0.003	<0.2	2.73	32	<10	100	0.6	<2	0.28	<0.5	13	76	15	3.24
ZZ26849		0.20	0.001	<0.2	2.24	9	<10	90	0.5	<2	0.22	<0.5	10	47	21	3.54
ZZ26850		0.26	0.004	<0.2	2.65	15	<10	120	0.7	<2	0.21	<0.5	14	48	22	3.78
ZZ26851		0.24	0.008	<0.2	1.90	13	<10	130	0.5	<2	0.55	<0.5	10	79	24	3.01
ZZ26852		0.24	0.007	<0.2	2.05	16	<10	80	<0.5	<2	0.21	<0.5	9	77	16	3.58
ZZ26853		0.20	0.004	0.2	2.20	15	<10	100	0.6	<2	0.20	<0.5	10	35	24	3.37
ZZ26854		0.22	0.003	<0.2	2.52	15	<10	140	0.5	<2	0.29	<0.5	12	80	27	3.14
ZZ26855		0.24	0.002	<0.2	2.50	17	<10	130	0.5	<2	0.26	<0.5	12	75	17	3.00
ZZ26856		0.24	0.003	<0.2	2.80	11	<10	120	0.5	<2	0.35	<0.5	12	70	24	3.11
ZZ26857		0.28	0.021	2.6	2.54	43	<10	140	1.1	12	0.84	1.0	18	94	39	3.67
ZZ26858		0.24	<0.001	0.4	2.15	27	<10	100	0.8	2	0.30	<0.5	14	53	27	3.53
ZZ26859		0.28	<0.001	<0.2	2.76	30	<10	130	0.8	<2	0.22	<0.5	11	46	22	3.05
ZZ26860		0.18	0.004	<0.2	2.37	19	<10	90	0.6	2	0.19	<0.5	11	44	22	3.06
ZZ26861		0.38	0.003	<0.2	2.68	18	<10	160	0.7	2	0.49	<0.5	20	117	35	3.97
ZZ26862		0.18	0.003	0.3	1.91	11	<10	100	0.5	2	0.31	<0.5	12	51	25	2.84
ZZ26863		0.28	0.016	1.3	3.19	47	<10	200	1.0	4	0.56	0.6	22	107	50	4.43
ZZ26864		0.22	0.011	2.2	3.81	64	<10	390	1.3	6	0.64	3.4	29	128	81	5.00
ZZ26865		0.26	0.007	<0.2	2.71	20	<10	140	0.9	2	0.36	<0.5	16	111	24	3.91
ZZ26866		0.30	0.005	<0.2	1.90	10	<10	110	0.5	2	0.30	<0.5	10	106	20	3.26
ZZ26867		0.42	0.005	<0.2	2.63	14	<10	150	0.7	2	0.44	<0.5	17	109	24	3.89
ZZ26868		0.26	0.010	0.3	2.44	22	<10	270	0.7	3	0.48	0.6	15	94	25	4.42
ZZ26869		0.36	0.002	0.2	3.31	15	<10	130	1.0	2	0.44	<0.5	17	103	26	4.26
ZZ26870		0.32	0.002	<0.2	2.68	11	<10	170	0.8	<2	0.52	<0.5	17	159	28	3.84
ZZ26871		0.28	0.012	1.3	2.70	80	<10	130	0.8	2	0.34	<0.5	14	98	33	3.75
ZZ26872		0.40	0.004	<0.2	2.67	11	<10	180	0.7	<2	0.36	<0.5	21	180	30	3.95
ZZ26873		0.36	0.015	2.4	2.84	38	<10	200	0.7	24	0.53	<0.5	21	195	63	4.92
ZZ26874		0.22	0.008	0.6	1.91	9	<10	100	0.6	2	0.30	0.7	14	103	37	3.38
ZZ26875		0.18	0.006	0.2	2.68	23	<10	120	0.7	2	0.38	<0.5	35	184	39	5.39
ZZ26876		0.30	0.008	0.2	2.35	15	<10	150	0.6	<2	0.48	0.6	34	241	42	4.33
ZZ26877		0.30	0.002	<0.2	1.94	11	<10	90	0.5	<2	0.20	<0.5	9	140	19	3.80
ZZ26878		0.20	<0.001	1.1	2.16	78	<10	110	0.5	<2	0.29	<0.5	13	241	37	4.51
ZZ26879		0.42	0.008	2.1	3.29	16	<10	210	1.0	<2	0.75	0.7	28	220	49	4.53
ZZ26880		0.20	0.009	0.2	2.25	29	<10	220	0.6	<2	0.50	1.3	66	165	65	4.55
ZZ26881		0.34	0.002	0.4	1.78	15	<10	100	0.5	2	0.18	<0.5	7	129	18	3.32
ZZ26882		0.20	0.007	0.2	2.19	14	<10	80	0.5	2	0.20	<0.5	12	141	25	3.93
ZZ26883		0.32	0.006	<0.2	2.61	11	<10	200	0.5	<2	0.38	<0.5	28	210	41	4.19
ZZ26884		0.38	0.006	<0.2	2.58	18	<10	140	0.5	<2	0.29	<0.5	20	225	28	4.10
ZZ26885		0.42	0.005	0.4	1.91	28	<10	450	<0.5	<2	0.62	3.2	15	125	33	3.27



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26846		10	<1	0.41	10	2.22	1285	1	0.01	140	1150	40	0.07	<2	3	144
ZZ26847		10	1	0.09	10	1.37	776	1	0.01	80	600	11	0.07	<2	2	25
ZZ26848		10	1	0.09	10	1.15	459	1	0.01	64	740	10	0.05	<2	3	33
ZZ26849		10	1	0.05	10	0.74	496	1	0.01	27	520	9	0.06	<2	3	21
ZZ26850		10	<1	0.07	10	0.90	781	<1	0.01	33	780	11	0.08	3	3	19
ZZ26851		10	<1	0.12	10	1.03	402	1	0.02	52	1260	8	0.02	<2	4	51
ZZ26852		10	<1	0.06	10	0.80	340	1	0.01	50	580	12	0.05	<2	2	37
ZZ26853		10	1	0.05	10	0.63	512	2	0.01	21	860	50	0.09	3	2	30
ZZ26854		10	<1	0.13	10	1.00	395	1	0.02	57	870	23	0.09	<2	2	84
ZZ26855		10	1	0.09	10	0.99	420	<1	0.01	60	840	9	0.08	<2	2	67
ZZ26856		10	<1	0.16	10	1.11	428	<1	0.02	60	860	11	0.07	2	3	53
ZZ26857		10	<1	0.17	20	1.19	861	1	0.01	81	1650	891	0.12	5	7	92
ZZ26858		10	1	0.05	10	1.04	868	1	<0.01	46	1340	76	0.10	2	1	28
ZZ26859		10	<1	0.06	10	0.64	628	<1	<0.01	33	1370	13	0.12	<2	1	27
ZZ26860		10	<1	0.05	10	0.69	546	<1	<0.01	29	670	9	0.05	<2	2	42
ZZ26861		10	1	0.21	10	1.56	1005	<1	0.01	83	1160	37	0.03	<2	2	68
ZZ26862		10	1	0.08	10	0.75	658	<1	<0.01	33	1420	21	0.13	<2	1	46
ZZ26863		10	<1	0.21	10	1.49	1660	<1	0.01	64	1300	162	0.07	3	4	102
ZZ26864		10	<1	0.31	10	1.85	3150	<1	<0.01	96	1320	518	0.06	4	6	179
ZZ26865		10	1	0.14	10	1.20	677	<1	<0.01	59	960	25	0.06	<2	2	43
ZZ26866		10	<1	0.10	10	0.89	349	<1	<0.01	46	840	18	0.08	<2	1	40
ZZ26867		10	1	0.14	10	1.03	682	<1	<0.01	44	1010	24	0.03	2	3	104
ZZ26868		10	<1	0.23	10	1.00	998	<1	<0.01	39	1270	125	0.17	3	4	87
ZZ26869		10	1	0.14	10	1.45	652	<1	<0.01	61	1110	51	0.07	2	3	77
ZZ26870		10	<1	0.21	10	1.45	507	<1	0.01	71	1150	31	0.04	<2	3	114
ZZ26871		10	1	0.09	10	1.07	789	<1	<0.01	59	1660	181	0.16	2	1	47
ZZ26872		10	1	0.27	10	1.52	926	<1	0.01	81	920	30	0.01	<2	4	36
ZZ26873		10	1	0.51	10	2.00	772	14	0.01	116	1750	165	0.18	4	5	115
ZZ26874		10	<1	0.13	10	0.98	500	2	<0.01	57	1390	127	0.14	<2	2	38
ZZ26875		10	<1	0.40	10	1.77	1025	1	0.03	129	1670	45	0.18	<2	4	83
ZZ26876		10	<1	0.47	10	1.97	1140	<1	0.02	138	1420	172	0.06	2	3	78
ZZ26877		10	1	0.14	10	0.80	361	1	<0.01	58	730	13	0.08	2	2	37
ZZ26878		10	<1	0.23	10	1.38	597	1	0.01	96	1160	374	0.13	4	2	67
ZZ26879		10	1	0.40	10	2.18	2470	1	0.01	130	1360	296	0.05	3	4	533
ZZ26880		10	<1	0.23	10	1.47	2150	<1	<0.01	144	1360	83	0.02	<2	3	276
ZZ26881		10	<1	0.12	10	0.68	406	1	<0.01	43	1000	83	0.08	<2	1	43
ZZ26882		10	<1	0.14	10	0.98	532	1	<0.01	59	880	32	0.08	<2	2	35
ZZ26883		10	<1	0.36	10	1.80	713	<1	<0.01	113	960	25	0.04	3	2	135
ZZ26884		10	<1	0.34	10	1.73	883	<1	<0.01	101	910	52	0.03	2	2	101
ZZ26885		10	<1	0.27	10	1.15	1140	<1	<0.01	64	1460	93	<0.01	3	3	175



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26846		<20	0.17	<10	<10	93	<10	75
ZZ26847		<20	0.17	<10	<10	84	<10	85
ZZ26848		<20	0.16	<10	<10	71	<10	60
ZZ26849		<20	0.11	<10	<10	82	<10	64
ZZ26850		<20	0.11	<10	<10	77	<10	72
ZZ26851		<20	0.13	<10	<10	63	<10	55
ZZ26852		<20	0.17	<10	<10	97	<10	66
ZZ26853		<20	0.08	<10	<10	73	<10	57
ZZ26854		<20	0.14	<10	<10	74	<10	54
ZZ26855		<20	0.11	<10	<10	65	<10	71
ZZ26856		<20	0.14	<10	<10	68	<10	58
ZZ26857		<20	0.04	<10	<10	76	<10	239
ZZ26858		<20	0.08	<10	<10	74	<10	105
ZZ26859		<20	0.07	<10	<10	66	<10	79
ZZ26860		<20	0.10	<10	<10	72	<10	63
ZZ26861		<20	0.14	<10	<10	91	<10	102
ZZ26862		<20	0.06	<10	<10	66	<10	60
ZZ26863		<20	0.14	<10	<10	101	<10	201
ZZ26864		<20	0.12	<10	<10	105	<10	1060
ZZ26865		<20	0.14	<10	<10	89	<10	107
ZZ26866		<20	0.12	<10	<10	83	<10	72
ZZ26867		<20	0.13	<10	<10	89	<10	68
ZZ26868		<20	0.10	<10	<10	86	<10	153
ZZ26869		<20	0.14	<10	<10	103	<10	111
ZZ26870		<20	0.14	<10	<10	94	<10	96
ZZ26871		<20	0.09	<10	<10	90	<10	85
ZZ26872		<20	0.22	<10	<10	97	<10	75
ZZ26873		<20	0.22	<10	<10	101	<10	153
ZZ26874		<20	0.14	<10	<10	78	<10	116
ZZ26875		<20	0.20	<10	<10	98	<10	155
ZZ26876		<20	0.22	<10	<10	96	<10	196
ZZ26877		<20	0.19	<10	<10	96	<10	63
ZZ26878		<20	0.21	<10	<10	110	<10	134
ZZ26879		<20	0.20	<10	<10	105	<10	341
ZZ26880		<20	0.15	<10	<10	92	<10	324
ZZ26881		<20	0.14	<10	<10	99	<10	156
ZZ26882		<20	0.18	<10	<10	99	<10	76
ZZ26883		<20	0.22	<10	<10	97	<10	85
ZZ26884		<20	0.22	<10	<10	101	<10	222
ZZ26885		<20	0.15	<10	<10	78	<10	793



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26886		0.28	0.002	<0.2	2.33	10	<10	120	0.5	3	0.32	<0.5	15	109	15	3.43
ZZ26887		0.28	<0.001	0.2	2.04	8	<10	130	0.5	<2	0.29	<0.5	14	85	14	3.72
ZZ26888		0.34	0.003	<0.2	2.97	16	<10	150	0.6	<2	0.34	<0.5	20	150	35	4.53
ZZ26889		0.26	0.002	<0.2	2.40	17	<10	110	0.6	<2	0.29	<0.5	15	94	18	4.07
ZZ26890		0.26	0.004	<0.2	2.16	12	<10	100	0.5	<2	0.41	<0.5	13	84	17	3.00
ZZ26891		0.32	0.003	0.2	2.82	12	<10	160	0.9	2	0.54	<0.5	17	88	33	3.65
ZZ26892		0.32	0.004	<0.2	2.43	15	<10	150	0.7	<2	0.55	<0.5	17	136	33	3.80
ZZ26893		0.30	0.003	<0.2	3.70	12	<10	200	1.0	<2	1.22	<0.5	21	149	30	3.87
ZZ26894		0.28	0.005	<0.2	2.99	15	<10	170	0.7	<2	0.40	<0.5	17	124	38	3.69
ZZ26895		0.32	0.003	0.2	3.45	11	<10	200	0.8	<2	0.61	<0.5	21	151	53	4.17
ZZ26896		0.18	0.006	0.2	2.30	11	<10	150	0.5	<2	0.42	<0.5	18	131	35	3.65
ZZ26897		0.34	0.006	0.3	3.18	11	<10	230	0.8	<2	0.73	<0.5	20	154	47	4.12
ZZ26898		0.42	0.003	0.3	2.98	11	<10	180	0.7	<2	0.68	<0.5	21	128	49	4.08
ZZ26899		0.40	0.004	0.3	2.54	10	<10	180	0.7	<2	0.60	0.8	17	120	44	3.80
ZZ26900		0.30	0.006	0.2	3.09	12	<10	130	0.7	<2	0.38	<0.5	18	100	40	4.04
ZZ26901		0.38	0.009	5.3	2.39	194	<10	120	2.2	10	0.51	2.2	14	21	193	4.87
ZZ26902		0.28	0.013	1.9	1.81	46	<10	90	1.3	3	0.45	0.7	8	17	121	3.15
ZZ26903		0.34	0.004	0.6	3.25	202	<10	140	3.3	2	1.04	0.8	15	17	177	4.98
ZZ26904		0.32	0.003	0.7	4.19	68	<10	880	2.3	2	1.53	<0.5	16	13	200	3.71
ZZ26905		0.32	0.011	3.0	2.61	77	<10	490	2.2	207	0.74	1.2	16	57	780	3.77
ZZ26906		0.32	0.008	2.0	2.83	318	<10	690	1.5	24	0.68	0.7	16	191	294	3.41
ZZ26907		0.36	0.008	0.5	2.72	52	<10	240	0.8	20	0.52	<0.5	26	174	114	3.69
ZZ26908		0.22	0.013	0.6	2.56	50	<10	190	1.2	4	0.50	0.6	23	167	222	3.55
ZZ26909		0.36	0.012	1.2	3.37	113	<10	390	2.0	4	0.65	1.8	34	112	300	4.74
ZZ26910		0.26	0.010	0.9	2.77	44	<10	330	1.3	85	0.65	0.9	20	62	260	4.25
ZZ26911		0.26	0.008	0.6	3.31	24	<10	310	0.9	2	0.79	<0.5	23	184	126	3.98
ZZ26912		0.24	0.004	0.6	2.89	62	<10	190	0.9	4	0.44	<0.5	17	196	96	3.90
ZZ26913		0.44	0.019	0.3	2.96	28	<10	290	0.8	4	0.55	<0.5	26	245	71	4.26
ZZ26914		0.24	0.006	0.5	2.95	38	<10	280	0.9	3	0.36	0.5	21	187	93	4.22
ZZ26915		0.28	0.005	0.7	2.84	25	<10	230	0.6	2	0.28	0.6	19	187	60	4.13
ZZ26916		0.26	<0.001	2.2	1.61	38	<10	70	0.5	18	0.21	1.5	8	42	110	3.39
ZZ26917		0.30	0.005	2.1	1.90	44	<10	70	0.8	9	0.20	1.0	10	33	108	2.91
ZZ26918		0.48	0.010	0.3	2.44	47	<10	120	1.3	7	0.28	1.1	10	29	93	3.76
ZZ26919		0.24	0.003	0.3	1.73	25	<10	70	0.5	2	0.14	<0.5	6	25	35	3.28
ZZ26920		0.34	0.008	1.1	1.94	119	<10	90	1.5	5	0.31	1.3	15	22	96	3.98
ZZ26921		0.20	0.002	<0.2	3.02	11	<10	290	0.6	<2	0.85	<0.5	17	152	52	3.30
ZZ26922		0.28	0.003	<0.2	2.30	12	<10	160	0.5	<2	0.32	<0.5	15	113	25	3.47
ZZ26923		0.22	0.007	0.2	2.31	16	<10	120	0.6	<2	0.30	<0.5	13	63	22	3.36
ZZ26924		0.26	0.003	0.2	3.99	20	<10	150	1.4	<2	0.73	<0.5	12	96	19	6.12
ZZ26925		0.28	0.023	1.1	2.71	24	<10	90	1.2	<2	1.00	2.5	19	160	17	4.37



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26886		10	<1	0.15	10	1.40	602	<1	<0.01	81	820	68	0.03	<2	2	52
ZZ26887		10	<1	0.12	10	1.22	620	<1	<0.01	69	880	34	0.06	<2	2	42
ZZ26888		10	<1	0.33	10	2.22	400	<1	<0.01	125	1000	26	0.04	<2	2	59
ZZ26889		10	1	0.09	10	1.29	356	<1	<0.01	78	1040	13	0.05	2	2	59
ZZ26890		10	1	0.09	10	1.09	303	<1	<0.01	66	950	6	0.02	<2	3	78
ZZ26891		10	1	0.15	10	1.30	951	<1	0.01	62	1480	24	0.06	<2	3	79
ZZ26892		10	<1	0.22	10	1.23	656	<1	<0.01	70	1580	23	0.03	2	3	74
ZZ26893		10	<1	0.46	10	2.60	596	<1	0.01	137	1670	24	0.02	3	2	225
ZZ26894		10	<1	0.29	10	1.72	619	<1	0.03	99	1130	14	0.09	<2	1	73
ZZ26895		10	<1	0.42	10	2.43	831	<1	0.03	132	1490	40	0.06	2	3	95
ZZ26896		10	<1	0.26	10	1.60	743	<1	0.04	93	1130	32	0.09	<2	1	77
ZZ26897		10	<1	0.37	10	2.06	1285	<1	0.04	107	1510	43	0.05	<2	4	372
ZZ26898		10	<1	0.36	10	2.31	903	<1	0.04	115	1390	49	0.06	2	3	138
ZZ26899		10	<1	0.22	10	1.74	1480	<1	0.03	82	1340	154	0.04	<2	4	144
ZZ26900		10	<1	0.18	10	1.80	892	<1	0.02	95	1040	89	0.06	<2	3	72
ZZ26901		10	<1	0.10	30	0.46	3810	4	0.02	19	1070	997	0.04	6	3	228
ZZ26902		10	<1	0.07	30	0.37	1000	2	0.02	10	920	163	0.09	2	2	118
ZZ26903		10	1	0.06	60	0.62	1610	4	0.04	13	770	108	0.03	20	4	266
ZZ26904		10	<1	0.21	40	0.38	506	7	0.09	11	710	58	0.04	8	2	3550
ZZ26905		10	<1	0.23	30	0.92	1800	6	0.03	31	1420	297	0.03	10	5	401
ZZ26906		10	<1	0.49	20	1.74	1570	2	0.03	95	1550	209	0.03	6	4	192
ZZ26907		10	1	0.38	10	1.80	1225	1	0.03	109	1340	72	0.04	<2	4	160
ZZ26908		10	<1	0.27	10	1.55	589	1	0.04	105	1570	46	0.09	<2	4	90
ZZ26909		10	<1	0.40	20	1.60	1130	2	0.03	61	1610	56	0.06	4	6	281
ZZ26910		10	<1	0.35	20	1.44	1340	2	0.03	28	1850	252	0.05	<2	6	167
ZZ26911		10	<1	0.50	10	1.94	1460	<1	0.04	104	1350	68	0.03	<2	6	163
ZZ26912		10	<1	0.36	10	1.78	603	<1	0.03	104	1010	27	0.07	2	4	62
ZZ26913		10	<1	0.44	10	2.11	913	<1	0.04	129	1260	62	0.04	2	4	136
ZZ26914		10	<1	0.30	10	1.64	1090	1	0.04	98	970	80	0.06	2	6	54
ZZ26915		10	<1	0.29	10	1.57	720	1	0.03	95	910	55	0.06	2	4	36
ZZ26916		10	<1	0.07	10	0.37	1050	3	0.02	19	860	185	0.10	3	1	24
ZZ26917		<10	<1	0.05	10	0.54	999	1	0.02	22	380	355	0.04	3	3	45
ZZ26918		10	<1	0.07	20	0.65	971	1	0.02	17	570	142	0.05	3	3	104
ZZ26919		10	<1	0.05	10	0.33	444	1	0.02	13	540	91	0.06	2	2	28
ZZ26920		10	<1	0.06	20	0.44	1785	2	0.02	15	720	260	0.06	2	2	84
ZZ26921		10	<1	0.45	10	2.00	640	<1	0.03	111	1400	30	0.03	<2	2	357
ZZ26922		10	<1	0.14	10	1.44	461	<1	0.03	93	800	15	0.07	<2	1	57
ZZ26923		10	<1	0.07	10	0.85	643	<1	0.02	44	1150	10	0.11	<2	1	35
ZZ26924		10	<1	0.25	10	2.02	2850	<1	0.02	62	1090	27	0.04	<2	10	139
ZZ26925		10	<1	0.09	10	1.59	1260	2	0.03	77	1890	157	0.04	2	5	103



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26886		<20	0.15	<10	<10	82	<10	117
ZZ26887		<20	0.14	<10	<10	85	<10	87
ZZ26888		<20	0.22	<10	<10	100	<10	61
ZZ26889		<20	0.14	<10	<10	94	<10	62
ZZ26890		<20	0.14	<10	<10	69	<10	54
ZZ26891		<20	0.11	<10	<10	84	<10	94
ZZ26892		<20	0.13	<10	<10	87	<10	89
ZZ26893		<20	0.13	<10	<10	81	<10	68
ZZ26894		<20	0.13	<10	<10	86	<10	79
ZZ26895		<20	0.14	<10	<10	92	<10	94
ZZ26896		<20	0.12	<10	<10	83	<10	89
ZZ26897		<20	0.12	<10	<10	88	<10	103
ZZ26898		<20	0.14	<10	<10	90	<10	122
ZZ26899		<20	0.12	<10	<10	86	<10	260
ZZ26900		<20	0.14	<10	<10	94	<10	134
ZZ26901		<20	0.03	<10	<10	46	<10	695
ZZ26902		<20	0.02	<10	<10	39	<10	228
ZZ26903		30	0.01	<10	<10	40	<10	228
ZZ26904		20	0.02	<10	<10	34	<10	143
ZZ26905		20	0.10	<10	<10	63	<10	293
ZZ26906		<20	0.17	<10	<10	84	<10	263
ZZ26907		<20	0.20	<10	<10	96	<10	111
ZZ26908		<20	0.17	<10	<10	91	<10	117
ZZ26909		<20	0.19	<10	<10	111	<10	386
ZZ26910		<20	0.14	<10	<10	99	10	372
ZZ26911		<20	0.21	<10	<10	103	<10	105
ZZ26912		<20	0.24	<10	<10	107	<10	103
ZZ26913		<20	0.27	<10	<10	112	<10	129
ZZ26914		<20	0.24	<10	<10	115	<10	138
ZZ26915		<20	0.28	<10	<10	114	<10	136
ZZ26916		<20	0.08	<10	<10	75	10	247
ZZ26917		<20	0.10	<10	<10	58	<10	246
ZZ26918		<20	0.07	<10	<10	64	<10	311
ZZ26919		<20	0.09	<10	<10	77	<10	123
ZZ26920		<20	0.02	<10	<10	48	<10	440
ZZ26921		<20	0.13	<10	<10	69	<10	58
ZZ26922		<20	0.15	<10	<10	78	<10	74
ZZ26923		<20	0.09	<10	<10	74	<10	79
ZZ26924		<20	0.08	<10	<10	105	<10	191
ZZ26925		<20	0.09	<10	<10	91	<10	160



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26926		0.28	0.003	<0.2	2.90	13	<10	90	0.7	<2	0.23	<0.5	13	62	22	3.73
ZZ26927		0.20	0.006	0.2	2.64	19	<10	100	0.8	2	0.21	<0.5	16	63	27	3.91
ZZ26928		0.24	0.038	0.3	2.84	21	<10	90	1.0	<2	0.17	<0.5	16	52	29	3.94
ZZ26929		0.22	<0.001	0.4	2.45	19	<10	100	1.1	<2	0.22	<0.5	16	35	23	3.44
ZZ26930		0.16	0.019	0.3	2.03	12	<10	140	0.8	<2	0.29	0.5	10	29	25	2.91
ZZ26931		0.18	0.008	0.2	3.18	17	<10	210	1.4	<2	0.51	<0.5	15	32	21	3.72
ZZ26932		0.14	0.013	0.2	2.67	7	<10	200	1.0	<2	0.68	<0.5	9	26	18	3.35
ZZ26933		0.22	0.023	0.5	2.74	29	<10	90	1.2	<2	0.52	0.6	19	57	10	5.03
ZZ26934		0.26	0.003	0.3	2.65	21	<10	160	1.9	<2	1.10	0.5	20	23	21	4.08
ZZ26935		0.26	0.012	0.2	2.86	13	<10	120	1.3	<2	0.78	<0.5	17	25	20	3.17
ZZ26936		0.28	0.006	<0.2	2.90	13	<10	80	1.2	<2	1.02	<0.5	17	24	25	3.48
ZZ26937		0.24	0.005	0.2	2.83	11	<10	80	1.0	<2	0.93	<0.5	14	27	22	3.33
ZZ26938		0.32	0.004	0.3	2.93	22	<10	100	1.2	<2	1.07	<0.5	17	29	32	3.31
ZZ26939		0.28	0.015	0.2	2.67	58	<10	70	0.8	2	0.49	<0.5	24	38	23	6.88
ZZ26940		0.32	0.016	0.2	3.02	27	<10	110	1.0	<2	0.67	<0.5	30	109	42	4.42
ZZ26941		0.26	0.006	0.2	3.52	21	<10	120	1.0	<2	1.03	<0.5	29	111	56	4.38
ZZ26942		0.26	0.003	0.2	3.29	34	<10	220	0.7	<2	0.98	<0.5	53	215	100	5.62
ZZ26943		0.26	0.014	0.2	3.35	31	<10	240	0.8	<2	0.93	<0.5	53	227	93	5.51
ZZ26944		0.26	0.009	0.5	3.40	33	<10	180	1.2	3	0.73	<0.5	34	196	20	5.15
ZZ26945		0.22	0.005	0.3	3.61	27	<10	50	1.5	<2	1.22	<0.5	19	193	51	4.91
ZZ26946		0.26	0.004	0.3	3.16	30	<10	110	1.1	<2	0.42	<0.5	26	86	29	4.80
ZZ26947		0.24	0.027	0.2	4.50	21	<10	120	2.2	<2	1.29	<0.5	46	157	95	5.42
ZZ26948		0.20	0.005	<0.2	2.33	29	<10	100	0.6	<2	0.41	<0.5	14	114	24	3.51
ZZ26949		0.26	0.013	<0.2	2.59	14	<10	140	0.8	<2	0.66	<0.5	16	90	36	3.48
ZZ26950		0.28	0.005	0.2	2.01	26	<10	90	0.9	<2	0.82	<0.5	12	74	41	3.17
ZZ26951		0.28	0.006	0.4	2.58	23	<10	180	0.8	<2	0.74	<0.5	17	143	32	3.56
ZZ26952		0.32	0.017	2.4	2.90	326	<10	180	0.9	2	0.40	0.8	14	166	51	4.82
ZZ26953		0.40	0.005	0.4	3.36	23	<10	340	0.8	<2	0.49	<0.5	21	214	47	4.34
ZZ26954		0.38	0.005	0.4	3.72	10	<10	510	1.0	<2	0.50	<0.5	22	203	47	4.74
ZZ26955		0.42	0.008	1.0	3.07	15	<10	200	0.8	7	0.93	0.7	37	246	72	4.53
ZZ26956		0.28	0.003	0.4	2.75	11	<10	180	0.7	<2	0.44	<0.5	26	217	39	3.92
ZZ26957		0.30	0.004	0.3	1.91	13	<10	130	0.6	<2	0.41	<0.5	26	188	41	3.94
ZZ26958		0.22	0.005	0.2	2.67	14	<10	100	0.6	<2	0.21	<0.5	26	264	34	4.12
ZZ26959		0.30	0.006	<0.2	2.45	18	<10	70	0.6	<2	0.20	<0.5	12	163	26	3.57
ZZ26960		0.32	0.012	0.3	2.39	20	<10	90	0.5	<2	0.19	<0.5	16	185	22	4.02
ZZ26961		0.24	0.007	2.9	2.40	22	<10	80	0.7	<2	0.32	1.2	15	199	27	3.70
ZZ26962		0.30	0.012	0.3	2.37	20	<10	100	0.6	<2	0.24	<0.5	18	117	30	3.56
ZZ26963		0.30	0.017	1.7	2.19	71	<10	180	1.1	2	0.13	1.6	21	62	63	7.15
ZZ26964		0.34	0.010	3.1	2.95	252	<10	180	1.3	3	0.27	3.7	31	95	40	6.12
ZZ26965		0.36	0.006	<0.2	2.52	14	<10	70	0.5	<2	0.16	<0.5	13	164	29	3.79



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		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26926		10	<1	0.08	10	0.85	602	<1	0.02	41	900	13	0.09	<2	2	41
ZZ26927		10	<1	0.07	10	0.91	947	<1	0.02	38	810	29	0.06	<2	3	34
ZZ26928		10	1	0.07	10	0.70	1105	1	0.02	29	1180	37	0.11	<2	1	25
ZZ26929		10	<1	0.07	10	0.74	1265	<1	0.03	18	1940	22	0.15	<2	1	46
ZZ26930		10	1	0.05	10	0.52	1020	1	0.02	23	1870	43	0.17	<2	<1	51
ZZ26931		10	<1	0.05	10	0.71	2230	<1	0.05	20	1330	40	0.10	<2	1	134
ZZ26932		10	<1	0.09	10	0.78	784	<1	0.05	13	1080	15	0.08	<2	1	277
ZZ26933		10	<1	0.10	10	1.06	1975	1	0.03	22	1260	111	0.13	<2	5	95
ZZ26934		10	<1	0.08	10	0.80	2310	<1	0.03	11	1340	46	0.02	<2	4	316
ZZ26935		10	<1	0.08	10	0.72	751	<1	0.05	14	930	24	0.05	<2	3	261
ZZ26936		10	<1	0.13	10	0.77	445	<1	0.05	12	1420	17	0.03	<2	2	272
ZZ26937		10	<1	0.14	10	0.77	432	<1	0.05	13	1220	12	0.03	<2	3	312
ZZ26938		10	<1	0.13	10	0.74	769	<1	0.06	14	1260	16	0.05	<2	3	564
ZZ26939		10	<1	0.11	10	0.99	453	3	0.03	18	2050	27	0.13	<2	5	223
ZZ26940		10	<1	0.27	10	1.40	672	1	0.04	52	1300	20	0.08	<2	2	345
ZZ26941		10	<1	0.39	10	2.02	745	<1	0.05	85	1450	19	0.07	<2	3	374
ZZ26942		10	1	0.65	10	3.95	850	1	0.05	212	1310	20	0.07	4	3	442
ZZ26943		10	<1	0.72	10	3.82	883	1	0.04	212	1350	18	0.08	2	3	434
ZZ26944		10	<1	0.34	10	2.15	1875	<1	0.02	74	1470	47	0.03	<2	9	122
ZZ26945		10	<1	0.14	10	1.80	849	<1	0.02	68	1620	22	0.05	<2	9	169
ZZ26946		10	<1	0.08	10	0.96	539	<1	0.04	39	1000	31	0.08	<2	3	116
ZZ26947		10	<1	0.29	10	2.05	584	2	0.05	42	1190	20	0.05	<2	7	378
ZZ26948		10	<1	0.06	10	0.87	270	<1	0.04	35	710	24	0.06	<2	2	104
ZZ26949		10	<1	0.18	10	0.91	391	<1	0.05	33	1290	11	0.03	<2	4	150
ZZ26950		10	<1	0.18	20	0.91	331	1	0.03	27	1470	18	0.02	<2	5	105
ZZ26951		10	<1	0.26	10	1.58	561	<1	0.03	75	1080	41	0.05	<2	3	153
ZZ26952		10	<1	0.28	10	1.55	930	<1	0.03	83	1260	744	0.21	10	3	93
ZZ26953		10	<1	0.66	10	2.39	470	<1	0.04	124	1480	23	0.07	<2	7	103
ZZ26954		10	<1	0.83	10	2.51	698	<1	0.04	89	1480	19	0.03	<2	10	276
ZZ26955		10	<1	0.60	10	2.59	1110	7	0.05	163	1650	259	0.04	2	6	363
ZZ26956		10	<1	0.31	10	1.99	719	1	0.04	118	1250	57	0.08	<2	4	88
ZZ26957		10	<1	0.20	10	1.35	505	2	0.05	86	1200	32	0.12	2	2	69
ZZ26958		10	<1	0.38	10	1.83	478	1	0.03	122	1000	25	0.10	2	2	35
ZZ26959		10	<1	0.10	10	1.01	465	1	0.02	65	760	23	0.09	<2	2	41
ZZ26960		10	<1	0.20	10	1.40	625	<1	0.03	87	680	39	0.08	2	2	31
ZZ26961		10	<1	0.13	10	1.21	1470	<1	0.04	83	1110	1335	0.07	5	2	37
ZZ26962		10	<1	0.10	10	0.96	994	<1	0.03	53	750	77	0.05	<2	3	76
ZZ26963		<10	1	0.11	20	0.63	10750	2	0.02	55	1330	241	0.15	6	6	89
ZZ26964		10	<1	0.17	10	1.11	2530	6	0.04	68	1360	1425	0.18	7	4	262
ZZ26965		10	<1	0.09	10	1.25	474	<1	0.03	72	640	26	0.07	2	2	44



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26926		<20	0.10	<10	<10	86	<10	70
ZZ26927		<20	0.10	<10	<10	79	<10	93
ZZ26928		<20	0.06	<10	<10	82	<10	88
ZZ26929		<20	0.05	<10	<10	74	<10	82
ZZ26930		<20	0.02	<10	<10	62	<10	109
ZZ26931		<20	0.03	<10	<10	72	<10	92
ZZ26932		<20	0.03	<10	<10	80	<10	75
ZZ26933		<20	0.05	<10	<10	80	<10	260
ZZ26934		<20	0.03	<10	<10	77	<10	96
ZZ26935		<20	0.05	<10	<10	70	<10	60
ZZ26936		<20	0.05	<10	<10	79	<10	49
ZZ26937		<20	0.06	<10	<10	76	<10	49
ZZ26938		<20	0.04	<10	<10	69	<10	52
ZZ26939		<20	0.06	<10	<10	79	<10	52
ZZ26940		<20	0.08	<10	<10	88	<10	46
ZZ26941		<20	0.11	<10	<10	98	<10	71
ZZ26942		<20	0.16	<10	<10	94	<10	80
ZZ26943		<20	0.18	<10	<10	99	<10	81
ZZ26944		<20	0.11	<10	<10	106	<10	116
ZZ26945		<20	0.03	<10	<10	110	<10	102
ZZ26946		<20	0.11	<10	<10	82	<10	58
ZZ26947		<20	0.09	<10	<10	104	<10	63
ZZ26948		<20	0.08	<10	<10	79	<10	40
ZZ26949		<20	0.14	<10	<10	89	<10	50
ZZ26950		<20	0.12	<10	<10	79	<10	68
ZZ26951		<20	0.11	<10	<10	85	<10	90
ZZ26952		<20	0.13	<10	<10	103	<10	284
ZZ26953		<20	0.24	<10	<10	112	<10	81
ZZ26954		<20	0.30	<10	<10	131	<10	93
ZZ26955		<20	0.23	<10	<10	104	<10	202
ZZ26956		<20	0.24	<10	<10	105	<10	98
ZZ26957		<20	0.17	<10	<10	87	<10	66
ZZ26958		<20	0.22	<10	<10	98	<10	63
ZZ26959		<20	0.15	<10	<10	88	<10	64
ZZ26960		<20	0.20	<10	<10	99	<10	70
ZZ26961		<20	0.17	<10	<10	86	<10	447
ZZ26962		<20	0.14	<10	<10	87	<10	149
ZZ26963		<20	0.03	<10	<10	65	<10	661
ZZ26964		<20	0.07	<10	<10	83	<10	882
ZZ26965		<20	0.18	<10	<10	91	<10	88



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26966		0.38	0.002	0.2	2.73	9	<10	90	0.7	<2	0.33	1.4	17	223	19	4.21
ZZ26967		0.34	0.008	2.3	3.52	104	<10	930	1.3	<2	0.58	7.0	27	183	56	5.36
ZZ26968		0.20	0.002	<0.2	2.18	7	<10	150	<0.5	<2	0.42	<0.5	16	112	24	3.58
ZZ26969		0.26	0.004	0.5	2.65	10	<10	140	1.0	<2	0.36	0.5	18	109	33	4.17
ZZ26970		0.24	0.004	<0.2	2.03	5	<10	110	<0.5	<2	0.35	<0.5	13	96	15	3.27
ZZ26971		0.26	0.012	0.3	2.57	12	<10	100	0.8	<2	0.48	<0.5	26	123	28	3.81
ZZ26972		0.28	0.002	0.2	2.10	7	<10	110	0.6	<2	0.34	<0.5	15	106	29	3.33
ZZ26973		0.28	0.007	<0.2	2.06	7	<10	100	0.5	<2	0.31	<0.5	11	99	15	3.09
ZZ26974		0.44	0.006	0.2	1.87	10	<10	90	0.5	<2	0.58	<0.5	12	100	18	3.14
ZZ26975		0.36	0.012	0.5	2.09	19	<10	110	0.6	<2	0.52	1.5	16	122	20	3.39
ZZ26976		0.30	0.003	<0.2	1.60	7	<10	60	<0.5	<2	0.19	<0.5	9	125	16	3.30
ZZ26977		0.34	0.004	0.3	2.39	8	<10	120	0.7	<2	0.37	<0.5	15	125	39	3.29
ZZ26978		0.36	0.001	<0.2	2.49	8	<10	130	0.5	<2	0.32	<0.5	15	181	22	3.93
ZZ26979		0.32	0.004	0.8	2.78	14	<10	250	0.9	<2	0.81	2.5	25	242	58	4.64
ZZ26980		0.32	0.004	0.3	3.10	12	<10	170	0.9	<2	0.52	0.9	22	175	29	4.44
ZZ26981		0.32	0.009	<0.2	2.23	8	<10	140	0.6	<2	0.55	<0.5	21	158	42	4.45
ZZ26982		0.28	0.013	0.9	2.52	30	<10	220	0.9	<2	0.30	1.7	22	181	43	4.94
ZZ26983		0.44	0.013	0.2	2.26	20	<10	160	0.9	<2	0.48	0.6	24	124	48	4.17
ZZ26984		0.28	0.006	0.3	2.34	12	<10	100	0.6	<2	0.25	<0.5	11	170	24	3.38
ZZ26985		0.30	0.011	2.7	2.61	23	<10	100	0.8	<2	0.37	0.5	23	110	47	4.16
ZZ26986		0.24	0.023	8.7	2.27	17	<10	90	0.8	<2	0.61	1.3	24	135	60	3.92
ZZ26987		0.30	0.005	1.4	1.95	19	<10	100	0.5	<2	0.36	0.9	18	156	28	3.77
ZZ26988		0.20	0.015	0.2	2.13	19	<10	100	0.5	3	0.32	<0.5	32	171	87	4.90
ZZ26989		0.22	0.004	<0.2	2.70	13	<10	130	0.7	<2	0.39	<0.5	29	266	41	4.47
ZZ26990		0.22	0.012	<0.2	2.48	19	<10	120	0.6	<2	0.44	<0.5	40	262	103	4.31
ZZ26991		0.32	0.007	0.6	2.59	19	<10	120	0.6	4	0.71	<0.5	47	182	56	4.48
ZZ26992		0.32	0.011	5.8	2.87	35	<10	110	0.8	<2	0.33	1.5	21	202	80	4.35
ZZ26993		0.38	0.004	<0.2	3.33	18	<10	240	0.8	<2	0.62	<0.5	25	199	46	4.44
ZZ26994		0.24	0.002	<0.2	3.27	11	<10	450	0.7	<2	0.50	<0.5	25	423	39	4.40
ZZ26995		0.20	0.006	<0.2	3.06	27	<10	190	0.9	<2	0.31	<0.5	18	154	32	4.55
ZZ26996		0.24	0.013	0.2	2.90	42	<10	130	1.1	<2	0.46	<0.5	31	106	42	4.64
ZZ26997		0.38	0.012	<0.2	2.58	55	<10	130	0.8	<2	0.40	<0.5	23	109	40	4.42
ZZ26998		0.40	0.004	<0.2	2.33	37	<10	140	0.8	<2	0.59	<0.5	20	140	34	4.25
ZZ26999		0.22	0.008	<0.2	2.12	58	<10	80	0.7	<2	0.31	<0.5	13	72	24	3.78
ZZ27000		0.26	0.005	0.2	2.59	8	<10	110	1.0	<2	0.49	<0.5	18	63	27	3.61
ZZ27001		0.34	0.006	0.3	3.34	29	<10	210	1.6	<2	0.60	4.8	43	145	19	6.44
ZZ27002		0.30	<0.001	<0.2	2.24	12	<10	80	0.6	<2	0.21	<0.5	12	84	32	3.77
ZZ27003		0.22	0.004	<0.2	2.81	50	<10	140	0.9	<2	0.78	<0.5	46	206	79	5.24
ZZ27004		0.16	0.003	<0.2	2.36	18	<10	160	0.5	<2	0.32	<0.5	13	195	13	4.43
ZZ27005		0.26	<0.001	<0.2	2.51	15	<10	80	0.7	2	0.17	<0.5	11	49	19	3.53



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26966		10	<1	0.20	10	1.71	1350	1	0.04	108	820	74	0.05	2	3	58
ZZ26967		10	<1	0.42	10	2.22	6160	1	0.03	153	1300	233	0.05	3	6	206
ZZ26968		10	1	0.27	10	1.68	573	<1	0.03	98	1000	9	0.05	2	2	138
ZZ26969		10	<1	0.11	10	1.38	1305	1	0.02	89	1170	126	0.08	2	3	81
ZZ26970		10	<1	0.18	10	1.13	364	<1	0.03	76	830	17	0.05	<2	2	48
ZZ26971		10	<1	0.07	10	1.83	725	<1	0.02	109	1200	63	0.03	2	2	85
ZZ26972		10	<1	0.13	10	1.41	597	<1	0.03	85	1020	25	0.06	<2	2	119
ZZ26973		10	<1	0.13	10	0.99	343	<1	0.02	63	1040	18	0.06	<2	2	83
ZZ26974		10	<1	0.19	10	1.07	536	<1	0.03	59	1530	88	0.01	<2	3	73
ZZ26975		10	<1	0.19	10	1.29	887	<1	0.03	74	1380	142	0.02	2	3	105
ZZ26976		10	<1	0.12	10	0.75	279	1	0.02	57	960	18	0.10	<2	1	39
ZZ26977		10	<1	0.17	10	1.43	1285	1	0.03	82	1130	59	0.06	<2	3	103
ZZ26978		10	1	0.28	10	1.49	521	1	0.04	96	930	24	0.05	<2	2	63
ZZ26979		10	<1	0.33	10	2.24	5160	1	0.03	119	1480	237	0.01	2	6	332
ZZ26980		10	<1	0.30	10	2.04	2190	<1	0.03	106	1180	137	0.06	<2	4	145
ZZ26981		10	<1	0.26	10	1.73	1165	2	0.04	93	1560	53	0.02	<2	4	103
ZZ26982		10	<1	0.17	10	1.21	3590	3	0.03	85	1150	175	0.06	2	4	112
ZZ26983		10	<1	0.15	10	1.27	1965	5	0.03	78	1360	93	0.07	2	4	127
ZZ26984		10	<1	0.18	10	1.06	665	1	0.02	75	1200	119	0.08	<2	2	39
ZZ26985		10	<1	0.13	10	1.17	2330	12	0.02	65	1290	764	0.08	2	4	135
ZZ26986		10	<1	0.19	10	1.40	2200	14	0.03	92	1430	1440	0.08	3	3	179
ZZ26987		10	<1	0.22	10	1.21	1080	2	0.04	79	1400	203	0.15	<2	2	120
ZZ26988		10	<1	0.16	10	1.24	558	9	0.04	109	1280	54	0.09	3	2	69
ZZ26989		10	<1	0.33	10	1.88	748	2	0.05	132	1180	52	0.13	2	3	50
ZZ26990		10	<1	0.35	10	1.88	564	3	0.04	173	1440	37	0.09	<2	3	93
ZZ26991		10	<1	0.35	10	2.15	1625	4	0.05	139	1300	44	0.05	<2	3	346
ZZ26992		10	<1	0.27	10	1.61	1560	2	0.03	117	1100	3020	0.06	27	4	40
ZZ26993		10	<1	0.57	10	2.21	1050	1	0.04	142	1420	32	0.02	2	7	181
ZZ26994		10	<1	1.15	10	3.43	548	1	0.04	185	1790	22	0.09	<2	8	46
ZZ26995		10	<1	0.30	10	1.73	758	2	0.03	84	1280	45	0.13	<2	5	68
ZZ26996		10	<1	0.19	10	1.19	1005	2	0.03	65	1370	61	0.07	<2	4	102
ZZ26997		10	<1	0.14	10	0.96	975	2	0.03	45	1140	65	0.05	<2	3	108
ZZ26998		10	<1	0.23	10	1.08	1060	1	0.03	48	1390	56	0.04	<2	4	150
ZZ26999		10	1	0.08	10	0.70	732	1	0.02	32	980	36	0.06	<2	2	52
ZZ27000		10	<1	0.09	10	1.05	806	1	0.03	40	1270	26	0.10	<2	2	103
ZZ27001		10	<1	0.44	10	1.34	5080	2	0.05	95	1560	190	0.23	<2	9	226
ZZ27002		10	1	0.07	10	0.80	447	1	0.03	42	740	24	0.08	<2	2	31
ZZ27003		10	1	0.28	10	1.79	727	1	0.04	102	1500	25	0.03	<2	5	176
ZZ27004		10	1	0.24	<10	1.53	614	<1	0.04	77	990	22	0.11	2	3	33
ZZ27005		10	1	0.09	10	0.80	676	<1	0.02	20	830	23	0.09	<2	3	25



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26966		<20	0.21	<10	<10	100	<10	972
ZZ26967		<20	0.21	<10	<10	104	<10	1985
ZZ26968		<20	0.16	<10	<10	84	<10	61
ZZ26969		<20	0.12	<10	<10	95	<10	136
ZZ26970		<20	0.15	<10	<10	75	<10	122
ZZ26971		<20	0.12	<10	<10	85	<10	80
ZZ26972		<20	0.13	<10	<10	78	<10	74
ZZ26973		<20	0.14	<10	<10	76	<10	60
ZZ26974		<20	0.14	<10	<10	78	<10	81
ZZ26975		<20	0.14	<10	<10	79	<10	329
ZZ26976		<20	0.16	<10	<10	92	<10	53
ZZ26977		<20	0.14	<10	<10	78	<10	135
ZZ26978		<20	0.22	<10	<10	98	<10	82
ZZ26979		<20	0.16	<10	<10	101	<10	399
ZZ26980		<20	0.20	<10	<10	105	<10	416
ZZ26981		<20	0.19	<10	<10	106	<10	106
ZZ26982		<20	0.14	<10	<10	99	<10	515
ZZ26983		<20	0.11	<10	<10	78	<10	295
ZZ26984		<20	0.17	<10	<10	89	<10	220
ZZ26985		<20	0.14	<10	<10	90	<10	292
ZZ26986		<20	0.15	<10	<10	80	<10	346
ZZ26987		<20	0.14	<10	<10	91	<10	221
ZZ26988		<20	0.16	<10	<10	92	<10	68
ZZ26989		<20	0.20	<10	<10	104	<10	103
ZZ26990		<20	0.19	<10	<10	97	<10	76
ZZ26991		<20	0.17	<10	<10	87	<10	102
ZZ26992		<20	0.20	<10	<10	100	<10	1065
ZZ26993		<20	0.23	<10	<10	110	<10	92
ZZ26994		<20	0.35	<10	<10	139	<10	76
ZZ26995		<20	0.18	<10	<10	109	<10	105
ZZ26996		<20	0.14	<10	<10	97	<10	91
ZZ26997		<20	0.13	<10	<10	99	<10	98
ZZ26998		<20	0.13	<10	<10	98	<10	120
ZZ26999		<20	0.10	<10	<10	86	<10	84
ZZ27000		<20	0.09	<10	<10	86	<10	64
ZZ27001		<20	0.09	<10	<10	115	<10	496
ZZ27002		<20	0.13	<10	<10	106	<10	87
ZZ27003		<20	0.13	<10	<10	113	<10	74
ZZ27004		<20	0.23	<10	<10	131	<10	76
ZZ27005		<20	0.13	<10	<10	87	<10	76



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To: ARCHER, CATHRO AND ASSOCIATES (1981)
 LIMITED
 1016- 510 W HASTINGS ST
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CERTIFICATE OF ANALYSIS WH11167598

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ27006		0.22	0.009	<0.2	2.38	11	<10	90	0.8	2	0.19	<0.5	11	31	17	3.09
ZZ27007		0.22	0.002	<0.2	2.00	43	<10	80	0.6	5	0.19	<0.5	9	32	39	3.76
ZZ27008		0.28	0.007	<0.2	2.84	103	<10	150	0.9	9	0.35	<0.5	14	62	47	3.67
ZZ27009		0.20	0.006	<0.2	2.47	18	<10	150	0.6	3	0.25	<0.5	12	48	22	3.70
ZZ27010		0.26	0.011	<0.2	2.55	19	<10	100	0.9	2	0.30	<0.5	11	39	58	3.36
ZZ27011		0.24	0.007	<0.2	3.13	39	<10	150	1.4	<2	0.25	<0.5	13	39	102	4.16
ZZ27012		0.20	0.008	0.2	2.71	48	<10	130	1.5	86	0.61	<0.5	17	35	132	3.42
ZZ27013		0.26	0.004	0.2	2.18	16	<10	130	0.7	4	0.23	<0.5	10	26	40	3.40
ZZ27014		0.34	0.018	0.9	3.59	25	<10	270	1.8	2	0.73	<0.5	17	55	242	4.12
ZZ27015		0.28	0.015	0.3	2.96	21	<10	170	0.9	4	0.42	<0.5	16	45	127	3.46
ZZ27016		0.24	<0.001	<0.2	1.04	11	<10	90	<0.5	4	0.15	<0.5	6	27	24	2.86
ZZ27017		0.16	0.004	0.2	0.71	11	<10	80	<0.5	5	0.21	<0.5	3	18	20	1.53



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CERTIFICATE OF ANALYSIS WH11167598

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ27006		10	<1	0.06	10	0.56	1410	<1	0.02	15	1990	18	0.19	<2	1	24
ZZ27007		10	<1	0.06	10	0.57	544	<1	0.03	13	1090	15	0.12	<2	2	26
ZZ27008		10	<1	0.19	10	1.06	472	<1	0.04	30	710	17	0.07	2	3	63
ZZ27009		10	<1	0.19	10	1.18	394	<1	0.03	19	720	9	0.09	2	5	35
ZZ27010		10	<1	0.11	10	0.89	646	<1	0.03	16	1120	62	0.11	2	2	52
ZZ27011		10	1	0.08	10	1.04	870	1	0.03	17	800	31	0.07	2	3	61
ZZ27012		10	1	0.30	20	1.18	709	<1	0.02	16	1190	63	0.03	<2	5	85
ZZ27013		10	<1	0.11	10	0.70	720	1	0.03	13	1010	13	0.10	<2	2	54
ZZ27014		10	<1	0.27	20	1.28	764	<1	0.04	24	1140	37	0.03	<2	6	125
ZZ27015		10	<1	0.16	10	0.91	504	<1	0.03	27	1090	23	0.06	2	3	81
ZZ27016		10	1	0.06	10	0.25	223	1	0.02	12	720	13	0.09	2	1	36
ZZ27017		<10	<1	0.04	10	0.14	90	<1	0.03	7	980	8	0.14	2	1	33



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CERTIFICATE OF ANALYSIS WH11167598

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ27006		<20	0.04	<10	<10	73	<10	80
ZZ27007		<20	0.11	<10	<10	103	<10	68
ZZ27008		<20	0.15	<10	<10	91	<10	114
ZZ27009		<20	0.20	<10	<10	98	<10	65
ZZ27010		<20	0.13	<10	<10	85	<10	107
ZZ27011		<20	0.13	<10	<10	100	<10	105
ZZ27012		<20	0.09	<10	<10	79	<10	170
ZZ27013		<20	0.16	<10	<10	89	<10	65
ZZ27014		<20	0.16	<10	<10	100	<10	122
ZZ27015		<20	0.16	<10	<10	84	<10	95
ZZ27016		<20	0.11	<10	<10	95	<10	48
ZZ27017		<20	0.04	<10	<10	43	<10	35



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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
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CERTIFICATE WH11167597

Project: 000 SELWIN
 P.O. No.:
 This report is for 212 Soil samples submitted to our lab in Whitehorse, YT, Canada on 25- AUG- 2011.
 The following have access to data associated with this certificate:
 JOAN MARIACHER HEATHER SMITH

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- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH11167597

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26531		0.18	0.003	<0.2	3.02	22	<10	120	1.3	<2	0.59	<0.5	28	97	49	4.11
ZZ26532		0.40	0.001	<0.2	3.73	17	<10	190	0.8	<2	1.13	<0.5	50	184	93	5.05
ZZ26533		0.20	0.001	<0.2	2.86	14	<10	180	0.8	<2	0.69	0.6	25	120	104	3.98
ZZ26534		0.26	0.001	<0.2	2.94	8	<10	200	0.8	2	0.64	0.5	19	122	96	3.64
ZZ26535		0.18	0.001	<0.2	2.66	8	<10	150	0.7	2	0.49	0.6	15	115	47	3.81
ZZ26536		0.38	0.003	<0.2	3.00	12	<10	180	0.9	2	0.82	0.5	22	117	55	3.94
ZZ26537		0.38	0.001	<0.2	2.34	12	<10	120	0.6	<2	0.86	0.5	21	110	35	3.86
ZZ26538		0.22	0.018	<0.2	2.71	14	<10	170	0.8	<2	0.53	0.5	16	95	32	3.76
ZZ26539		0.30	0.001	<0.2	2.59	10	<10	140	0.8	2	0.78	0.5	18	111	28	3.94
ZZ26540		0.40	0.001	<0.2	3.19	8	<10	120	0.9	2	1.01	0.6	18	103	31	3.71
ZZ26541		0.24	0.001	<0.2	2.55	6	<10	130	0.5	<2	0.35	0.5	15	92	30	3.41
ZZ26542		0.30	0.002	<0.2	2.19	7	<10	110	0.5	2	0.27	<0.5	10	81	23	3.05
ZZ26543		0.36	0.003	0.3	1.96	6	<10	130	0.5	<2	0.62	0.6	12	89	33	3.00
ZZ26544		0.34	0.004	0.2	3.43	11	<10	160	0.9	<2	0.41	<0.5	21	127	29	4.40
ZZ26545		0.24	<0.001	<0.2	2.86	11	<10	110	0.6	2	0.30	0.6	20	92	18	4.07
ZZ26546		0.28	0.003	0.3	2.52	8	<10	120	0.6	3	0.34	0.6	16	98	18	3.61
ZZ26547		0.30	0.002	0.3	2.33	12	<10	90	0.7	4	0.36	0.5	17	97	21	3.29
ZZ26548		0.24	0.003	<0.2	2.18	13	<10	100	0.6	<2	0.35	0.5	15	98	28	3.36
ZZ26549		0.32	0.005	<0.2	2.21	14	<10	110	0.6	<2	0.29	<0.5	12	70	24	3.23
ZZ26550		0.36	0.006	0.8	3.16	29	<10	120	1.1	21	0.39	<0.5	25	165	23	4.79
ZZ26551		0.36	0.006	<0.2	2.54	10	<10	90	0.5	<2	0.32	<0.5	13	84	21	3.38
ZZ26552		0.22	0.010	<0.2	1.59	8	<10	70	0.5	<2	0.16	<0.5	9	65	15	2.70
ZZ26553		0.36	0.002	0.2	3.19	12	<10	250	1.3	<2	0.90	0.5	21	163	14	4.03
ZZ26554		0.46	0.009	0.3	2.36	12	<10	120	0.7	3	0.45	<0.5	18	114	22	3.66
ZZ26555		0.24	0.002	<0.2	2.18	13	<10	100	0.6	5	0.46	<0.5	21	128	33	3.58
ZZ26556		0.40	0.003	0.3	2.57	11	<10	120	1.0	4	0.49	<0.5	19	132	23	3.89
ZZ26557		0.16	0.002	0.2	2.03	8	<10	100	0.5	<2	0.29	<0.5	12	109	15	3.51
ZZ26558		0.26	0.007	0.2	2.43	9	<10	170	0.6	2	0.50	<0.5	14	88	17	3.44
ZZ26559		0.34	0.002	1.4	2.83	16	<10	120	1.0	2	0.42	1.1	14	100	24	3.75
ZZ26560		0.30	0.002	0.4	2.48	12	<10	140	0.7	2	0.42	0.5	15	105	23	3.89
ZZ26561		0.32	0.003	0.2	2.10	8	<10	90	0.5	<2	0.24	<0.5	11	142	16	3.67
ZZ26562		0.16	0.004	0.4	2.92	12	<10	140	0.9	<2	0.54	<0.5	17	129	24	4.18
ZZ26563		0.42	0.005	0.5	2.42	11	<10	120	0.7	<2	0.37	<0.5	17	148	31	3.90
ZZ26564		0.30	0.020	4.2	2.49	22	<10	200	0.7	<2	0.39	2.1	15	135	29	3.64
ZZ26565		0.38	0.003	0.3	2.72	12	<10	160	0.8	<2	0.47	<0.5	21	172	34	4.26
ZZ26566		0.44	0.003	0.7	2.77	18	<10	190	1.0	<2	0.50	0.7	21	177	47	4.25
ZZ26567		0.24	0.003	<0.2	2.47	11	<10	140	0.8	<2	0.24	<0.5	17	229	27	4.29
ZZ26568		0.32	0.010	1.5	3.38	18	<10	160	1.2	2	0.74	2.3	30	244	59	5.40
ZZ26569		0.30	0.004	0.9	2.80	12	<10	140	0.7	2	0.44	0.8	17	169	37	3.41
ZZ26570		0.36	0.005	<0.2	2.65	14	<10	180	0.8	<2	0.28	<0.5	24	204	48	4.56



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26531		10	<1	0.28	10	1.43	721	2	0.03	77	1360	31	0.14	2	3	229
ZZ26532		10	<1	0.54	10	2.57	641	<1	0.07	146	1450	13	0.06	<2	3	397
ZZ26533		10	1	0.25	10	1.75	629	<1	0.06	91	1210	20	0.17	<2	2	199
ZZ26534		10	1	0.24	10	1.67	595	<1	0.05	90	1180	28	0.12	2	2	246
ZZ26535		10	<1	0.21	10	1.26	609	<1	0.04	61	1130	20	0.11	2	2	111
ZZ26536		10	1	0.32	10	1.57	734	<1	0.04	75	1510	25	0.05	<2	3	153
ZZ26537		10	1	0.27	10	1.30	601	<1	0.05	62	1520	23	0.03	2	3	122
ZZ26538		10	<1	0.14	10	1.14	583	<1	0.04	51	1430	18	0.05	<2	3	63
ZZ26539		10	<1	0.25	10	1.37	911	<1	0.04	60	1560	29	0.04	<2	4	119
ZZ26540		10	1	0.26	10	1.67	709	<1	0.04	81	1750	51	0.03	3	3	133
ZZ26541		10	<1	0.16	10	1.27	474	<1	0.03	76	840	11	0.05	<2	2	63
ZZ26542		10	1	0.15	10	0.77	280	<1	0.03	51	810	14	0.06	2	2	42
ZZ26543		10	<1	0.23	10	1.18	422	<1	0.04	68	1300	32	0.02	2	3	130
ZZ26544		10	1	0.24	10	2.36	755	<1	0.03	132	1190	82	0.09	3	3	135
ZZ26545		10	<1	0.18	10	1.72	731	<1	0.03	94	820	55	0.06	2	2	36
ZZ26546		10	1	0.10	10	1.41	417	<1	0.03	82	890	35	0.05	<2	2	35
ZZ26547		10	1	0.12	10	1.57	815	<1	0.03	84	1100	42	0.07	3	2	41
ZZ26548		10	<1	0.09	10	1.36	516	<1	0.04	83	1060	12	0.08	<2	2	42
ZZ26549		10	1	0.05	10	0.90	393	<1	0.03	60	800	17	0.04	<2	2	46
ZZ26550		10	1	0.06	10	2.10	1215	1	0.02	137	1180	164	0.02	2	4	34
ZZ26551		10	1	0.08	10	1.12	311	1	0.03	65	950	16	0.03	<2	2	35
ZZ26552		10	<1	0.04	10	0.78	374	<1	0.03	42	610	12	0.05	<2	1	22
ZZ26553		10	<1	0.28	10	2.71	1040	<1	0.03	143	1740	68	0.01	2	5	183
ZZ26554		10	<1	0.06	10	1.42	770	<1	0.03	91	1340	83	0.03	<2	3	73
ZZ26555		10	1	0.05	10	1.88	1020	<1	0.03	94	1430	84	0.01	2	4	61
ZZ26556		10	1	0.09	10	1.86	1350	<1	0.04	95	1410	98	0.02	<2	3	67
ZZ26557		10	<1	0.14	10	1.02	302	1	0.03	69	840	31	0.04	<2	2	48
ZZ26558		10	1	0.13	10	1.34	641	<1	0.03	65	1480	41	0.01	<2	3	120
ZZ26559		10	<1	0.14	10	1.50	972	<1	0.03	76	1290	225	0.06	<2	3	71
ZZ26560		10	1	0.19	10	1.38	888	<1	0.04	78	1030	70	0.06	<2	3	75
ZZ26561		10	1	0.14	10	1.08	278	<1	0.04	72	750	19	0.05	<2	2	41
ZZ26562		10	<1	0.26	10	1.74	1920	<1	0.04	80	1350	49	0.07	<2	4	109
ZZ26563		10	1	0.17	10	1.43	1850	1	0.02	79	1100	106	0.05	<2	3	98
ZZ26564		10	1	0.18	10	1.44	1345	1	0.03	85	1250	643	0.08	2	3	84
ZZ26565		10	1	0.26	10	1.82	1865	1	0.04	95	1280	53	0.04	<2	4	134
ZZ26566		10	1	0.21	10	1.59	2380	2	0.04	93	1300	110	0.05	<2	5	133
ZZ26567		10	1	0.14	10	1.37	942	2	0.03	94	810	75	0.03	<2	3	50
ZZ26568		10	<1	0.43	10	2.30	5120	2	0.04	158	1610	518	0.03	<2	8	191
ZZ26569		10	1	0.23	10	1.54	1370	1	0.04	100	1210	300	0.06	2	4	76
ZZ26570		10	1	0.21	10	1.68	1865	6	0.04	104	840	73	0.06	<2	2	100



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CERTIFICATE OF ANALYSIS WH11167597

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26531		<20	0.10	<10	<10	96	<10	90
ZZ26532		<20	0.18	<10	<10	116	<10	109
ZZ26533		<20	0.14	<10	<10	92	<10	161
ZZ26534		<20	0.13	<10	<10	85	<10	145
ZZ26535		<20	0.10	<10	<10	89	<10	101
ZZ26536		<20	0.12	<10	<10	86	<10	108
ZZ26537		<20	0.11	<10	<10	84	<10	81
ZZ26538		<20	0.12	<10	<10	85	<10	87
ZZ26539		<20	0.10	<10	<10	79	<10	108
ZZ26540		<20	0.09	<10	<10	81	<10	122
ZZ26541		<20	0.16	<10	<10	80	<10	64
ZZ26542		<20	0.12	<10	<10	74	<10	57
ZZ26543		<20	0.14	<10	<10	68	<10	105
ZZ26544		<20	0.16	<10	<10	96	<10	139
ZZ26545		<20	0.14	<10	<10	84	<10	125
ZZ26546		<20	0.13	<10	<10	80	<10	69
ZZ26547		<20	0.09	<10	<10	69	<10	109
ZZ26548		<20	0.14	<10	<10	77	<10	56
ZZ26549		<20	0.12	<10	<10	76	<10	65
ZZ26550		<20	0.06	<10	<10	93	<10	214
ZZ26551		<20	0.13	<10	<10	75	<10	49
ZZ26552		<20	0.07	<10	<10	63	<10	51
ZZ26553		<20	0.15	<10	<10	87	<10	119
ZZ26554		<20	0.12	<10	<10	82	<10	87
ZZ26555		<20	0.10	<10	<10	83	<10	118
ZZ26556		<20	0.10	<10	<10	83	<10	118
ZZ26557		<20	0.17	<10	<10	88	<10	53
ZZ26558		<20	0.13	<10	<10	78	<10	81
ZZ26559		<20	0.13	<10	<10	88	<10	383
ZZ26560		<20	0.17	<10	<10	100	<10	169
ZZ26561		<20	0.18	<10	<10	91	<10	63
ZZ26562		<20	0.13	<10	<10	99	<10	189
ZZ26563		<20	0.14	<10	<10	89	<10	241
ZZ26564		<20	0.16	<10	<10	86	<10	716
ZZ26565		<20	0.16	<10	<10	101	<10	130
ZZ26566		<20	0.14	<10	<10	94	<10	323
ZZ26567		<20	0.18	<10	<10	112	<10	138
ZZ26568		<20	0.21	<10	<10	109	<10	718
ZZ26569		<20	0.18	<10	<10	83	<10	454
ZZ26570		<20	0.16	<10	<10	99	<10	123



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26571		0.22	<0.001	0.8	1.98	89	<10	170	0.6	<2	0.37	0.5	19	98	31	4.00
ZZ26572		0.30	0.005	0.5	2.67	42	<10	230	0.8	2	0.56	<0.5	24	147	37	4.47
ZZ26573		0.22	<0.001	0.3	2.08	15	<10	150	0.6	<2	0.42	<0.5	12	106	25	3.36
ZZ26574		0.28	0.003	<0.2	2.13	16	<10	240	0.6	<2	0.52	<0.5	21	155	32	3.96
ZZ26575		0.26	0.001	0.2	3.07	18	<10	470	0.6	<2	0.36	<0.5	17	307	25	4.06
ZZ26576		0.26	0.004	0.2	2.36	11	<10	90	0.6	<2	0.19	<0.5	12	142	20	3.34
ZZ26577		0.30	0.007	1.0	2.23	11	<10	70	0.6	2	0.24	<0.5	18	84	28	3.25
ZZ26578		0.30	0.001	<0.2	2.36	8	<10	110	0.6	<2	0.20	<0.5	14	210	27	3.77
ZZ26579		0.22	0.012	0.2	2.82	14	<10	250	0.9	3	0.33	<0.5	31	354	48	5.26
ZZ26580		0.36	0.004	<0.2	2.91	56	<10	250	0.7	26	0.20	<0.5	20	256	58	7.93
ZZ26581		0.32	0.002	0.3	2.89	11	<10	210	0.6	<2	0.63	<0.5	20	179	22	3.73
ZZ26582		0.26	0.010	38.4	2.57	18	<10	70	0.7	<2	0.38	1.1	18	165	46	4.13
ZZ26583		0.24	0.001	1.4	3.06	9	<10	250	0.8	2	0.64	0.8	27	298	29	4.29
ZZ26584		0.22	<0.001	<0.2	1.59	10	<10	100	<0.5	<2	0.15	<0.5	10	184	20	3.82
ZZ26585		0.28	<0.001	<0.2	2.34	13	<10	80	0.6	<2	0.21	<0.5	11	196	16	3.63
ZZ26586		0.28	0.002	0.2	2.72	16	<10	70	0.7	<2	0.14	<0.5	11	49	24	3.46
ZZ26587		0.26	0.006	0.5	2.72	20	<10	70	0.8	<2	0.14	0.5	19	48	28	4.01
ZZ26588		0.30	0.009	1.6	2.44	38	<10	120	1.2	2	0.26	6.3	29	107	31	4.29
ZZ26589		0.26	0.004	1.3	2.19	15	<10	110	0.5	<2	0.26	2.1	19	193	31	3.66
ZZ26590		0.26	0.012	<0.2	2.17	12	<10	150	<0.5	<2	0.35	<0.5	17	106	34	3.41
ZZ26591		0.26	0.003	<0.2	4.34	16	<10	320	1.2	<2	0.46	0.5	24	171	45	4.95
ZZ26592		0.24	0.001	<0.2	2.10	7	<10	80	<0.5	<2	0.20	<0.5	13	115	15	3.31
ZZ26593		0.22	0.001	<0.2	2.21	10	<10	110	0.5	<2	0.27	<0.5	13	76	23	3.03
ZZ26594		0.20	0.001	<0.2	2.59	13	<10	70	0.5	<2	0.16	<0.5	13	62	16	3.06
ZZ26595		0.24	0.001	<0.2	2.22	10	<10	90	<0.5	<2	0.21	<0.5	13	81	16	3.38
ZZ26596		0.22	0.007	<0.2	2.59	10	<10	90	0.5	<2	0.30	0.5	14	72	16	3.11
ZZ26597		0.26	0.009	<0.2	1.60	11	<10	80	<0.5	<2	0.19	<0.5	10	67	16	3.47
ZZ26598		0.26	0.003	<0.2	1.98	12	<10	100	<0.5	<2	0.32	<0.5	14	87	26	3.55
ZZ26599		0.26	0.002	<0.2	1.86	12	<10	130	0.6	<2	0.24	<0.5	12	81	17	3.82
ZZ26600		0.22	<0.001	<0.2	1.66	14	<10	80	<0.5	<2	0.17	<0.5	9	57	46	3.83
ZZ26601		0.32	0.007	0.2	1.99	34	<10	100	0.9	<2	0.55	<0.5	27	92	41	4.29
ZZ26602		0.22	0.004	<0.2	2.06	24	<10	70	0.6	<2	0.20	<0.5	12	66	22	3.57
ZZ26603		0.32	0.003	<0.2	2.63	20	<10	340	0.7	3	0.58	<0.5	38	282	43	4.17
ZZ26604		0.22	0.002	<0.2	1.73	15	<10	170	<0.5	<2	0.47	<0.5	15	116	29	3.25
ZZ26605		0.32	0.001	<0.2	3.37	16	<10	390	0.8	<2	0.47	<0.5	27	285	39	4.59
ZZ26606		0.22	<0.001	<0.2	1.56	9	<10	110	<0.5	<2	0.21	<0.5	9	219	19	3.31
ZZ26607		0.22	0.006	0.2	2.15	19	<10	110	0.6	2	0.34	0.5	32	161	48	4.12
ZZ26608		0.24	0.002	<0.2	2.73	15	<10	150	0.6	<2	0.28	<0.5	20	198	55	4.59
ZZ26609		0.22	0.001	<0.2	2.34	13	<10	110	0.6	<2	0.22	<0.5	16	238	35	3.94
ZZ26610		0.18	<0.001	<0.2	1.97	5	<10	150	0.5	<2	0.32	<0.5	13	218	27	3.24



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26571		10	1	0.16	10	0.85	1275	2	0.04	49	1640	214	0.22	4	2	88
ZZ26572		10	1	0.39	10	1.47	953	1	0.04	67	1500	70	0.04	2	5	174
ZZ26573		10	1	0.20	10	1.23	430	1	0.04	67	1190	34	0.11	<2	2	55
ZZ26574		10	<1	0.37	10	1.42	637	1	0.05	81	1270	27	0.04	<2	4	86
ZZ26575		10	1	0.78	10	2.78	433	<1	0.04	122	1430	58	0.02	<2	8	79
ZZ26576		10	1	0.14	10	0.96	370	1	0.04	62	1070	28	0.12	<2	1	26
ZZ26577		10	1	0.09	10	0.90	1370	1	0.03	43	600	711	0.03	3	3	54
ZZ26578		10	1	0.11	10	1.22	411	1	0.04	90	590	21	0.05	2	2	35
ZZ26579		10	1	0.43	10	2.38	591	2	0.05	161	820	28	0.08	<2	4	148
ZZ26580		10	1	0.37	10	1.73	685	80	0.13	112	1870	60	0.72	7	4	111
ZZ26581		10	<1	0.30	10	1.43	878	1	0.05	101	1140	17	0.06	<2	3	264
ZZ26582		10	1	0.13	10	1.23	1540	1	0.04	99	1240	2380	0.06	35	3	57
ZZ26583		10	1	0.55	10	2.62	2600	1	0.05	167	1260	399	0.05	<2	3	413
ZZ26584		10	<1	0.09	10	0.78	782	3	0.03	58	830	42	0.08	2	2	40
ZZ26585		10	<1	0.11	10	0.99	503	<1	0.02	69	720	21	0.07	<2	1	32
ZZ26586		10	<1	0.08	10	0.68	674	<1	0.01	30	1040	47	0.09	<2	2	45
ZZ26587		10	<1	0.06	10	0.66	1400	2	0.01	34	920	466	0.09	2	2	96
ZZ26588		<10	<1	0.12	10	1.06	5330	3	0.01	72	780	546	0.06	4	5	127
ZZ26589		10	<1	0.16	<10	1.32	1640	2	0.02	88	1110	281	0.10	<2	2	70
ZZ26590		10	<1	0.21	10	1.21	639	1	0.02	75	950	23	0.05	2	2	86
ZZ26591		10	1	0.35	10	2.57	4290	1	0.01	142	650	78	0.05	<2	6	353
ZZ26592		10	<1	0.11	<10	1.06	368	1	0.02	71	710	40	0.08	<2	1	35
ZZ26593		10	<1	0.15	10	1.02	398	<1	<0.01	58	780	10	0.04	<2	2	82
ZZ26594		10	<1	0.10	10	0.82	333	1	0.01	45	910	14	0.09	<2	2	47
ZZ26595		10	<1	0.12	10	1.18	547	<1	0.01	61	690	34	0.05	<2	2	51
ZZ26596		10	<1	0.10	10	1.07	518	<1	0.01	60	910	39	0.03	<2	3	43
ZZ26597		10	<1	0.06	10	0.75	308	<1	0.01	45	540	10	0.05	<2	2	33
ZZ26598		10	<1	0.07	10	1.31	350	<1	0.01	70	640	17	0.04	<2	2	81
ZZ26599		10	<1	0.05	10	0.85	1670	<1	0.01	45	840	32	0.07	<2	2	69
ZZ26600		10	<1	0.06	10	0.78	304	<1	0.01	56	520	13	0.05	<2	2	21
ZZ26601		10	<1	0.11	10	0.92	1620	<1	0.01	50	1130	53	0.03	3	4	134
ZZ26602		10	<1	0.06	10	0.61	381	<1	0.01	34	570	34	0.05	2	2	29
ZZ26603		10	<1	0.99	10	2.84	615	<1	0.01	149	1660	14	0.05	<2	7	74
ZZ26604		<10	<1	0.30	10	1.07	428	<1	0.02	61	1340	23	0.05	<2	3	54
ZZ26605		10	<1	0.65	10	2.81	814	<1	0.03	125	1470	20	0.04	2	9	113
ZZ26606		10	<1	0.22	10	1.01	330	<1	0.02	63	790	28	0.08	<2	2	28
ZZ26607		10	<1	0.25	10	1.45	1565	<1	0.02	92	1050	70	0.06	<2	3	60
ZZ26608		10	<1	0.44	10	2.11	460	<1	0.04	89	750	20	0.09	<2	4	58
ZZ26609		10	<1	0.15	10	1.40	480	<1	0.03	100	630	19	0.08	<2	2	42
ZZ26610		10	<1	0.21	10	1.32	493	<1	0.03	87	910	15	0.11	<2	2	44



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26571		<20	0.07	<10	<10	81	<10	142
ZZ26572		<20	0.15	<10	<10	103	<10	99
ZZ26573		<20	0.12	<10	<10	88	<10	63
ZZ26574		<20	0.15	<10	<10	99	<10	72
ZZ26575		<20	0.30	<10	<10	132	<10	116
ZZ26576		<20	0.11	<10	<10	85	<10	61
ZZ26577		<20	0.12	<10	<10	70	<10	114
ZZ26578		<20	0.21	<10	<10	104	<10	67
ZZ26579		<20	0.26	<10	<10	128	<10	84
ZZ26580		<20	0.20	<10	<10	112	<10	105
ZZ26581		<20	0.17	<10	<10	89	<10	71
ZZ26582		<20	0.18	<10	<10	96	<10	645
ZZ26583		<20	0.24	<10	<10	102	<10	416
ZZ26584		<20	0.15	<10	<10	100	<10	82
ZZ26585		<20	0.16	<10	<10	94	<10	130
ZZ26586		<20	0.09	<10	<10	89	<10	98
ZZ26587		<20	0.08	<10	<10	86	<10	186
ZZ26588		<20	0.07	<10	<10	78	<10	1580
ZZ26589		<20	0.16	<10	<10	95	<10	493
ZZ26590		<20	0.18	<10	<10	85	<10	100
ZZ26591		<20	0.16	<10	<10	101	<10	206
ZZ26592		<20	0.14	<10	<10	77	<10	94
ZZ26593		<20	0.12	<10	<10	68	<10	54
ZZ26594		<20	0.10	<10	<10	60	<10	49
ZZ26595		<20	0.11	<10	<10	72	<10	71
ZZ26596		<20	0.11	<10	<10	62	<10	150
ZZ26597		<20	0.12	<10	<10	89	<10	59
ZZ26598		<20	0.15	<10	<10	81	<10	64
ZZ26599		<20	0.08	<10	<10	86	<10	92
ZZ26600		<20	0.15	<10	<10	100	<10	64
ZZ26601		<20	0.08	<10	<10	82	<10	82
ZZ26602		<20	0.11	<10	<10	86	<10	59
ZZ26603		<20	0.23	<10	<10	107	<10	70
ZZ26604		<20	0.13	<10	<10	76	<10	63
ZZ26605		<20	0.25	<10	<10	125	<10	83
ZZ26606		<20	0.15	<10	<10	100	<10	60
ZZ26607		<20	0.13	<10	<10	87	<10	192
ZZ26608		<20	0.25	<10	<10	119	<10	77
ZZ26609		<20	0.20	<10	<10	101	<10	66
ZZ26610		<20	0.17	<10	<10	84	<10	67



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26611		0.22	<0.001	<0.2	1.03	8	<10	60	<0.5	<2	0.14	<0.5	7	65	15	2.52
ZZ26612		0.20	<0.001	<0.2	1.45	8	<10	100	<0.5	<2	0.21	<0.5	8	105	12	2.30
ZZ26613		0.22	0.002	0.2	1.76	12	<10	110	<0.5	<2	0.36	<0.5	23	153	34	3.74
ZZ26614		0.18	<0.001	0.3	0.84	5	<10	60	<0.5	<2	0.16	<0.5	6	97	14	2.12
ZZ26615		0.28	0.001	<0.2	2.14	11	<10	100	0.5	<2	0.31	<0.5	16	145	30	3.74
ZZ26616		0.22	0.002	0.2	1.47	5	<10	110	<0.5	<2	0.25	0.9	11	165	16	2.87
ZZ26617		0.24	0.009	1.4	1.78	54	<10	240	0.8	<2	0.40	3.2	15	120	54	4.79
ZZ26618		0.30	0.007	0.2	2.54	28	<10	280	0.8	<2	0.18	2.6	19	83	41	3.76
ZZ26619		0.42	<0.001	<0.2	2.08	12	<10	150	0.5	<2	0.36	<0.5	13	95	26	3.23
ZZ26620		0.28	0.009	0.5	4.10	30	<10	360	1.6	<2	0.95	0.6	36	91	106	4.63
ZZ26621		0.26	0.007	<0.2	2.67	10	<10	150	0.7	<2	0.72	<0.5	19	247	22	4.08
ZZ26622		0.40	0.005	2.9	2.70	16	<10	480	0.7	2	0.67	3.6	22	208	65	4.52
ZZ26623		0.18	<0.001	<0.2	2.56	12	<10	130	<0.5	<2	0.27	<0.5	14	152	20	3.58
ZZ26624		0.18	<0.001	0.2	2.36	9	<10	140	0.5	3	0.32	<0.5	13	144	19	3.63
ZZ26625		0.14	<0.001	<0.2	1.98	7	<10	140	<0.5	2	0.37	<0.5	13	99	27	3.06
ZZ26626		0.26	<0.001	<0.2	2.54	8	<10	200	<0.5	2	0.50	<0.5	17	122	56	3.42
ZZ26627		0.24	0.002	0.2	2.65	15	<10	90	<0.5	2	0.22	<0.5	15	97	26	3.85
ZZ26628		0.22	0.002	<0.2	2.64	12	<10	140	0.6	<2	0.39	<0.5	16	112	22	3.85
ZZ26629		0.16	<0.001	<0.2	0.70	2	<10	50	<0.5	2	0.15	<0.5	3	29	6	1.12
ZZ26630		0.22	<0.001	<0.2	2.96	15	<10	70	0.7	2	0.26	<0.5	17	131	14	3.85
ZZ26631		0.32	<0.001	<0.2	3.11	16	<10	150	1.1	<2	0.95	<0.5	18	83	28	3.90
ZZ26632		0.26	0.005	0.2	2.90	22	<10	100	1.3	<2	0.64	<0.5	17	74	21	4.40
ZZ26633		0.38	0.003	0.2	3.43	21	<10	120	1.2	<2	0.39	<0.5	19	76	18	4.67
ZZ26634		0.34	<0.001	<0.2	3.97	21	<10	180	1.4	<2	0.81	0.6	34	194	57	4.71
ZZ26635		0.28	<0.001	<0.2	2.70	10	<10	90	0.6	<2	0.26	<0.5	13	102	18	3.78
ZZ26636		0.22	0.002	0.2	2.46	17	<10	100	0.6	<2	0.21	<0.5	16	107	20	4.23
ZZ26637		0.24	<0.001	0.6	1.70	22	<10	120	<0.5	5	0.23	<0.5	9	88	22	3.13
ZZ26638		0.28	0.007	<0.2	2.39	128	<10	110	0.7	18	0.27	<0.5	23	85	104	3.80
ZZ26639		0.30	0.002	0.2	2.70	16	<10	120	0.7	5	0.20	<0.5	13	78	34	3.92
ZZ26640		0.32	0.008	0.3	3.18	73	<10	200	1.0	2	0.55	<0.5	39	130	131	4.18
ZZ26641		0.26	0.002	0.3	2.81	38	<10	130	0.9	45	0.52	<0.5	10	39	119	3.24
ZZ26642		0.28	0.005	0.4	2.37	39	<10	100	0.8	6	0.26	<0.5	11	33	107	3.46
ZZ26643		0.26	0.006	0.4	3.02	22	<10	200	1.2	4	0.37	<0.5	14	61	171	4.12
ZZ26644		0.28	0.015	0.6	2.29	15	<10	100	0.7	5	0.25	<0.5	10	61	107	3.98
ZZ26645		0.34	0.040	29.6	3.67	138	<10	430	1.2	427	0.61	6.0	42	191	4780	5.51
ZZ26646		0.26	0.005	4.5	3.49	42	<10	160	1.3	22	0.22	1.6	16	148	420	3.86
ZZ26647		0.40	0.002	0.2	2.75	49	<10	100	1.0	6	0.23	<0.5	12	37	100	3.78
ZZ26648		0.26	0.006	2.5	1.62	42	<10	70	0.6	4	0.17	0.8	7	29	61	3.21
ZZ26649		0.30	<0.001	0.9	2.10	34	<10	50	0.7	5	0.21	<0.5	7	29	58	3.60
ZZ26650		0.36	0.010	4.2	1.92	107	<10	110	1.4	3	0.40	2.1	9	22	82	3.57



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26611		10	<1	0.07	<10	0.40	398	<1	0.01	23	800	12	0.08	<2	1	22
ZZ26612		10	<1	0.11	<10	0.73	285	<1	0.01	47	680	15	0.05	<2	1	43
ZZ26613		10	<1	0.20	10	1.64	1050	<1	0.02	91	950	31	0.10	<2	2	72
ZZ26614		<10	<1	0.08	<10	0.40	190	<1	0.02	34	790	50	0.09	<2	1	25
ZZ26615		10	<1	0.12	10	0.95	649	<1	0.02	62	870	41	0.04	<2	2	44
ZZ26616		10	<1	0.22	10	1.00	833	<1	0.02	65	870	62	0.07	<2	2	49
ZZ26617		10	<1	0.12	10	0.78	5140	3	0.02	64	1570	802	0.04	3	5	94
ZZ26618		10	<1	0.07	10	0.80	1410	<1	0.01	52	710	303	0.05	4	3	71
ZZ26619		10	<1	0.22	10	1.01	543	<1	0.02	51	1150	25	0.09	<2	2	56
ZZ26620		10	<1	0.27	10	1.76	4770	3	0.02	65	1100	78	0.03	<2	8	1255
ZZ26621		10	<1	0.25	10	1.68	1240	<1	0.03	90	1730	87	0.01	<2	4	193
ZZ26622		10	<1	0.54	10	2.18	2990	<1	0.03	122	1390	185	0.01	2	5	238
ZZ26623		10	<1	0.27	10	1.42	353	<1	0.03	85	640	13	0.06	<2	2	50
ZZ26624		10	<1	0.13	10	1.18	562	<1	0.03	77	650	25	0.06	<2	2	70
ZZ26625		10	<1	0.12	10	0.99	615	<1	0.03	62	1070	35	0.08	<2	2	64
ZZ26626		10	<1	0.25	10	1.39	590	<1	0.03	85	1280	19	0.02	<2	3	263
ZZ26627		10	<1	0.17	10	1.31	679	<1	0.02	77	910	29	0.07	<2	2	56
ZZ26628		10	1	0.14	10	1.53	586	<1	0.02	87	980	32	0.07	3	2	87
ZZ26629		<10	<1	0.03	<10	0.14	113	<1	0.02	12	1080	6	0.13	<2	<1	20
ZZ26630		10	<1	0.07	10	1.59	677	<1	0.02	90	870	38	0.05	2	3	54
ZZ26631		10	<1	0.18	10	1.32	694	<1	0.03	41	1390	34	0.05	2	3	208
ZZ26632		10	<1	0.10	10	0.90	1690	<1	0.02	41	1400	47	0.10	<2	4	75
ZZ26633		10	<1	0.13	10	1.21	1070	<1	0.03	30	1210	68	0.16	<2	4	95
ZZ26634		10	<1	0.33	10	2.41	1545	<1	0.03	156	1480	57	0.07	2	7	183
ZZ26635		10	<1	0.07	10	1.13	428	<1	0.03	44	680	11	0.06	<2	3	32
ZZ26636		10	<1	0.11	10	0.99	988	<1	0.02	35	800	32	0.07	<2	3	46
ZZ26637		10	<1	0.05	10	0.69	625	<1	0.03	25	1110	55	0.13	<2	2	31
ZZ26638		10	<1	0.11	10	0.97	659	<1	0.03	35	670	155	0.04	<2	4	45
ZZ26639		10	<1	0.08	10	1.04	601	<1	0.03	26	920	16	0.10	<2	3	28
ZZ26640		10	<1	0.30	10	1.41	879	<1	0.03	63	1080	41	0.04	2	5	304
ZZ26641		10	<1	0.07	10	0.99	594	<1	0.03	17	1000	35	0.06	<2	3	116
ZZ26642		10	1	0.05	10	0.69	545	<1	0.02	16	920	24	0.09	<2	2	84
ZZ26643		10	<1	0.10	10	1.11	1435	1	0.02	25	820	123	0.05	3	4	183
ZZ26644		10	<1	0.07	10	0.68	1040	<1	0.02	24	890	59	0.07	<2	3	36
ZZ26645		10	1	0.69	10	2.10	4950	4	0.02	154	1760	1130	0.07	8	8	162
ZZ26646		10	<1	0.23	10	1.37	2780	<1	0.02	80	580	416	0.04	4	4	28
ZZ26647		10	<1	0.05	10	0.61	617	<1	0.02	20	490	65	0.04	4	3	119
ZZ26648		10	<1	0.02	10	0.30	650	<1	0.02	13	650	175	0.07	2	2	41
ZZ26649		10	<1	0.03	10	0.38	512	<1	0.02	13	600	330	0.04	2	2	38
ZZ26650		10	<1	0.06	20	0.30	3130	1	0.01	11	1210	530	0.08	2	1	128



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		20	0.01	10	10	1	10	2
ZZ26611	<20	0.09	<10	<10	70	<10	46	
ZZ26612	<20	0.12	<10	<10	61	<10	65	
ZZ26613	<20	0.13	<10	<10	79	<10	65	
ZZ26614	<20	0.09	<10	<10	62	<10	36	
ZZ26615	<20	0.16	<10	<10	87	<10	89	
ZZ26616	<20	0.13	<10	<10	77	<10	251	
ZZ26617	<20	0.09	<10	<10	70	<10	851	
ZZ26618	<20	0.10	<10	<10	77	<10	847	
ZZ26619	<20	0.12	<10	<10	78	<10	89	
ZZ26620	<20	0.07	<10	<10	87	<10	162	
ZZ26621	<20	0.19	<10	<10	101	<10	138	
ZZ26622	<20	0.23	<10	<10	98	<10	767	
ZZ26623	<20	0.21	<10	<10	89	<10	73	
ZZ26624	<20	0.18	<10	<10	90	<10	84	
ZZ26625	<20	0.13	<10	<10	75	<10	87	
ZZ26626	<20	0.17	<10	<10	77	<10	57	
ZZ26627	<20	0.15	<10	<10	91	<10	83	
ZZ26628	<20	0.16	<10	<10	91	<10	84	
ZZ26629	<20	0.04	<10	<10	35	<10	19	
ZZ26630	<20	0.16	<10	<10	84	<10	73	
ZZ26631	<20	0.07	<10	<10	86	<10	74	
ZZ26632	<20	0.05	<10	<10	83	<10	132	
ZZ26633	<20	0.09	<10	<10	95	<10	108	
ZZ26634	<20	0.14	<10	<10	102	<10	191	
ZZ26635	<20	0.16	<10	<10	112	<10	74	
ZZ26636	<20	0.15	<10	<10	107	<10	107	
ZZ26637	<20	0.12	<10	<10	94	<10	108	
ZZ26638	<20	0.15	<10	<10	96	<10	125	
ZZ26639	<20	0.16	<10	<10	106	<10	76	
ZZ26640	<20	0.20	<10	<10	106	<10	109	
ZZ26641	<20	0.08	<10	<10	84	<10	94	
ZZ26642	<20	0.14	<10	<10	85	<10	85	
ZZ26643	<20	0.15	<10	<10	100	<10	154	
ZZ26644	<20	0.16	<10	<10	108	<10	113	
ZZ26645	<20	0.24	<10	<10	114	<10	1455	
ZZ26646	<20	0.21	<10	<10	86	30	768	
ZZ26647	<20	0.10	<10	<10	69	<10	109	
ZZ26648	<20	0.07	<10	<10	67	<10	247	
ZZ26649	<20	0.07	<10	<10	64	<10	236	
ZZ26650	<20	0.02	<10	<10	53	<10	494	



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26651		0.14	0.001	<0.2	1.35	6	<10	70	<0.5	2	0.36	<0.5	11	97	27	2.62
ZZ26652		0.18	0.015	11.6	2.52	29	<10	130	0.7	4	0.48	1.8	34	228	57	4.76
ZZ26653		0.18	<0.001	0.3	1.31	5	<10	60	<0.5	2	0.28	<0.5	10	179	20	2.67
ZZ26654		0.22	0.002	<0.2	2.59	10	<10	120	0.5	<2	0.35	<0.5	24	267	50	4.44
ZZ26655		0.24	0.007	0.2	2.63	19	<10	100	0.6	<2	0.48	<0.5	40	189	87	3.99
ZZ26656		0.30	0.009	0.2	2.55	31	<10	120	0.7	3	0.71	<0.5	46	170	107	3.90
ZZ26657		0.18	0.012	<0.2	2.29	16	<10	160	0.6	5	0.42	<0.5	31	229	49	4.34
ZZ26658		0.28	0.006	<0.2	2.13	9	<10	140	0.5	<2	0.62	<0.5	29	196	59	4.04
ZZ26659		0.18	<0.001	<0.2	1.96	12	<10	180	0.5	<2	0.44	<0.5	22	163	33	3.39
ZZ26660		0.34	0.006	<0.2	3.33	16	<10	370	0.9	9	0.50	<0.5	20	263	33	4.81
ZZ26661		0.38	0.006	0.6	3.26	19	<10	420	0.8	3	0.71	<0.5	33	249	51	5.03
ZZ26662		0.24	<0.001	0.2	1.68	21	<10	90	0.5	<2	0.30	<0.5	9	68	21	2.52
ZZ26663		0.36	0.001	<0.2	2.74	15	<10	130	1.0	<2	0.35	<0.5	15	75	26	3.88
ZZ26664		0.38	0.001	<0.2	2.97	22	<10	170	1.1	<2	0.58	<0.5	22	114	25	4.35
ZZ26665		0.28	0.001	<0.2	2.53	19	<10	130	1.0	<2	0.28	0.6	15	62	18	3.95
ZZ26666		0.22	<0.001	<0.2	2.28	7	<10	90	0.6	<2	0.26	<0.5	13	102	29	3.45
ZZ26667		0.24	0.010	<0.2	1.55	5	<10	90	<0.5	<2	0.17	<0.5	8	72	17	3.02
ZZ26668		0.22	0.003	<0.2	2.59	16	<10	130	0.7	<2	0.27	<0.5	13	111	22	3.95
ZZ26669		0.24	0.003	0.3	2.41	17	<10	130	0.6	2	0.27	<0.5	12	107	33	3.46
ZZ26670		0.16	<0.001	<0.2	1.31	5	<10	90	<0.5	<2	0.18	<0.5	7	108	15	2.51
ZZ26684		0.26	0.001	0.4	4.08	18	<10	330	1.6	2	1.27	<0.5	30	263	63	5.12
ZZ26685		0.28	0.002	<0.2	3.26	30	<10	190	0.9	<2	0.90	<0.5	57	202	83	5.54
ZZ26686		0.34	<0.001	<0.2	3.39	15	<10	130	0.8	<2	0.79	<0.5	35	130	42	4.83
ZZ26687		0.26	<0.001	<0.2	3.03	13	<10	110	1.0	<2	0.66	<0.5	37	75	64	4.25
ZZ26688		0.16	<0.001	<0.2	1.97	9	<10	140	0.5	<2	0.68	<0.5	9	23	20	2.39
ZZ26689		0.18	0.008	<0.2	1.75	13	<10	90	0.6	<2	0.28	<0.5	8	29	15	3.18
ZZ26690		0.16	<0.001	<0.2	1.97	10	<10	120	<0.5	<2	0.27	<0.5	10	40	20	3.34
ZZ26691		0.22	0.001	<0.2	2.40	10	<10	120	<0.5	<2	0.25	<0.5	10	37	21	2.90
ZZ26692		0.26	0.002	<0.2	2.18	11	<10	110	0.7	2	0.31	<0.5	11	40	17	3.36
ZZ26693		0.30	0.001	<0.2	3.04	14	<10	90	1.1	<2	0.55	0.6	20	70	11	4.56
ZZ26694		0.26	0.001	0.2	2.90	13	<10	100	1.2	2	0.69	0.6	14	46	7	3.81
ZZ26695		0.30	<0.001	<0.2	2.14	13	<10	130	0.7	<2	0.29	<0.5	16	51	15	3.82
ZZ26696		0.24	0.001	<0.2	2.59	26	<10	140	1.1	2	0.48	<0.5	22	116	8	4.96
ZZ26697		0.28	0.001	<0.2	2.90	14	<10	130	1.0	<2	0.32	<0.5	14	82	14	4.01
ZZ26698		0.28	<0.001	<0.2	4.05	17	<10	170	1.7	<2	1.31	0.8	18	137	9	4.60
ZZ26699		0.24	0.003	<0.2	2.38	15	<10	110	0.7	<2	0.27	<0.5	14	77	25	3.92
ZZ26700		0.22	0.001	<0.2	2.83	16	<10	110	0.8	<2	0.28	<0.5	12	71	20	3.95
ZZ26751		0.20	<0.001	<0.2	3.15	15	<10	160	0.8	<2	0.66	<0.5	34	147	82	4.87
ZZ26752		0.26	<0.001	<0.2	3.32	15	<10	190	0.8	<2	0.55	<0.5	27	163	49	4.44
ZZ26753		0.34	0.002	0.3	4.13	25	<10	140	1.3	2	1.08	0.7	34	181	111	5.01



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		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26651		10	<1	0.08	10	0.84	584	1	0.04	50	1060	59	0.12	<2	2	41
ZZ26652		10	<1	0.41	10	2.05	2200	1	0.06	132	1620	1835	0.14	17	3	88
ZZ26653		<10	<1	0.21	10	0.82	233	<1	0.05	68	1020	31	0.13	<2	1	36
ZZ26654		10	<1	0.25	10	1.95	552	<1	0.06	140	870	32	0.08	<2	2	58
ZZ26655		10	<1	0.29	10	1.79	1245	<1	0.05	140	1440	61	0.10	3	3	87
ZZ26656		10	<1	0.34	10	2.09	1255	2	0.05	162	1560	51	0.16	2	4	93
ZZ26657		10	<1	0.35	10	1.86	1390	3	0.03	116	1090	120	0.05	<2	3	78
ZZ26658		10	<1	0.35	10	1.92	779	<1	0.03	91	1340	63	0.03	<2	4	86
ZZ26659		10	<1	0.31	10	1.57	547	<1	0.03	90	1120	15	0.07	<2	3	102
ZZ26660		10	<1	1.00	10	2.82	860	<1	0.04	124	1430	52	0.28	<2	8	108
ZZ26661		10	<1	0.89	10	2.76	1170	1	0.03	149	1730	79	0.08	<2	6	133
ZZ26662		10	<1	0.10	10	0.63	351	<1	0.02	36	1030	18	0.10	<2	1	48
ZZ26663		10	<1	0.08	10	1.02	655	1	0.01	41	1150	29	0.08	<2	3	74
ZZ26664		10	<1	0.20	10	1.43	1020	1	0.02	60	1010	47	0.07	<2	4	110
ZZ26665		10	<1	0.07	10	0.80	1530	1	0.01	31	1080	33	0.10	<2	2	61
ZZ26666		10	<1	0.07	10	1.11	523	<1	0.02	61	930	20	0.10	<2	2	34
ZZ26667		10	<1	0.05	10	0.51	414	1	0.01	24	820	14	0.09	<2	2	26
ZZ26668		10	<1	0.09	10	0.91	637	<1	0.01	46	790	29	0.07	<2	3	35
ZZ26669		10	<1	0.08	10	0.97	500	<1	0.03	47	910	38	0.10	<2	2	37
ZZ26670		10	<1	0.12	<10	0.55	311	<1	0.02	41	900	7	0.10	<2	2	20
ZZ26684		10	<1	0.81	10	2.83	1425	<1	0.02	183	1740	35	0.05	<2	8	273
ZZ26685		10	<1	0.49	10	2.83	869	2	0.06	196	1490	18	0.12	<2	4	343
ZZ26686		10	<1	0.33	10	1.68	726	1	0.06	80	1440	13	0.12	<2	4	630
ZZ26687		10	<1	0.25	10	1.24	591	1	0.04	53	1260	9	0.08	2	2	433
ZZ26688		10	<1	0.17	10	0.49	388	<1	0.02	15	1340	5	0.13	<2	1	123
ZZ26689		10	<1	0.05	10	0.40	255	1	0.01	12	1140	13	0.12	<2	1	66
ZZ26690		10	<1	0.07	10	0.59	401	<1	0.01	22	680	7	0.06	<2	3	39
ZZ26691		10	<1	0.07	10	0.61	406	<1	0.01	23	670	5	0.05	<2	3	41
ZZ26692		10	<1	0.06	10	0.63	482	<1	0.01	21	870	11	0.08	<2	2	60
ZZ26693		10	<1	0.07	10	1.23	2280	<1	0.01	29	1160	67	0.04	<2	7	82
ZZ26694		10	<1	0.06	10	1.08	1230	<1	0.01	14	1530	56	0.04	<2	4	127
ZZ26695		10	<1	0.05	10	0.68	1020	<1	0.01	24	720	24	0.04	<2	4	60
ZZ26696		10	<1	0.17	10	0.95	1830	<1	0.02	35	1410	45	0.13	<2	4	116
ZZ26697		10	<1	0.13	10	1.07	1190	<1	0.01	33	1130	29	0.06	<2	4	57
ZZ26698		10	<1	0.59	10	2.09	1300	<1	0.02	64	1750	41	0.02	<2	8	180
ZZ26699		10	<1	0.07	10	0.90	839	1	0.01	43	920	28	0.07	<2	2	36
ZZ26700		10	<1	0.08	10	1.01	1060	<1	0.01	43	640	23	0.04	<2	4	45
ZZ26751		10	<1	0.46	10	2.68	803	1	0.05	137	1480	22	0.17	<2	3	238
ZZ26752		10	<1	0.32	10	1.98	704	<1	0.04	107	1230	14	0.08	<2	3	277
ZZ26753		10	<1	0.63	10	2.64	1140	<1	0.04	150	1750	243	0.07	<2	4	347



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26651		<20	0.11	<10	<10	61	<10	83
ZZ26652		<20	0.22	<10	<10	103	<10	585
ZZ26653		<20	0.15	<10	<10	74	<10	57
ZZ26654		<20	0.22	<10	<10	110	<10	77
ZZ26655		<20	0.18	<10	<10	90	<10	86
ZZ26656		<20	0.18	<10	<10	79	<10	84
ZZ26657		<20	0.18	<10	<10	97	<10	108
ZZ26658		<20	0.14	<10	<10	88	<10	89
ZZ26659		<20	0.15	<10	<10	86	<10	67
ZZ26660		<20	0.24	<10	<10	122	<10	126
ZZ26661		<20	0.26	<10	<10	126	<10	141
ZZ26662		<20	0.07	<10	<10	64	<10	54
ZZ26663		<20	0.10	<10	<10	90	<10	75
ZZ26664		<20	0.11	<10	<10	98	<10	115
ZZ26665		<20	0.07	<10	<10	81	<10	126
ZZ26666		<20	0.11	<10	<10	89	<10	90
ZZ26667		<20	0.11	<10	<10	90	<10	61
ZZ26668		<20	0.16	<10	<10	108	<10	115
ZZ26669		<20	0.13	<10	<10	100	<10	117
ZZ26670		<20	0.13	<10	<10	80	<10	46
ZZ26684		<20	0.12	<10	<10	120	<10	142
ZZ26685		<20	0.15	<10	<10	102	<10	85
ZZ26686		<20	0.12	<10	<10	101	<10	67
ZZ26687		<20	0.08	<10	<10	80	<10	50
ZZ26688		<20	0.04	<10	<10	52	<10	57
ZZ26689		<20	0.03	<10	<10	67	<10	41
ZZ26690		<20	0.11	<10	<10	76	<10	63
ZZ26691		<20	0.10	<10	<10	64	<10	70
ZZ26692		<20	0.09	<10	<10	78	<10	65
ZZ26693		<20	0.05	<10	<10	90	<10	210
ZZ26694		<20	0.05	<10	<10	79	<10	182
ZZ26695		<20	0.11	<10	<10	80	<10	87
ZZ26696		<20	0.07	<10	<10	94	<10	136
ZZ26697		<20	0.10	<10	<10	89	<10	108
ZZ26698		<20	0.09	<10	<10	114	<10	160
ZZ26699		<20	0.09	<10	<10	92	<10	101
ZZ26700		<20	0.12	<10	<10	90	<10	103
ZZ26751		<20	0.14	<10	<10	94	<10	105
ZZ26752		<20	0.17	<10	<10	104	<10	76
ZZ26753		<20	0.16	<10	<10	112	<10	125



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26754		0.24	0.002	<0.2	3.61	19	<10	170	1.1	2	0.70	0.5	24	116	80	4.33
ZZ26755		0.22	<0.001	<0.2	3.01	10	<10	140	1.1	<2	0.68	<0.5	18	111	50	3.78
ZZ26756		0.34	<0.001	0.3	3.06	17	<10	130	1.1	2	0.82	<0.5	23	109	27	4.29
ZZ26757		0.24	<0.001	0.2	2.41	14	<10	110	0.7	<2	0.61	<0.5	20	93	42	3.77
ZZ26758		0.38	0.001	0.3	2.81	17	<10	90	0.9	<2	0.61	<0.5	21	84	40	3.89
ZZ26759		0.40	0.007	<0.2	2.57	18	490	100	0.8	<2	0.58	<0.5	21	106	35	3.91
ZZ26760		0.38	0.001	0.4	2.82	19	<10	100	1.0	<2	0.70	<0.5	12	108	7	4.27
ZZ26761		0.36	0.005	0.3	2.82	17	<10	110	1.0	<2	0.69	<0.5	21	99	22	4.12
ZZ26762		0.32	0.004	0.2	2.75	12	<10	120	0.8	<2	0.68	<0.5	22	107	36	3.69
ZZ26763		0.46	0.010	0.3	2.69	19	<10	100	0.8	<2	0.58	<0.5	22	110	37	4.29
ZZ26764		0.36	0.004	<0.2	2.13	17	<10	100	0.6	<2	0.50	<0.5	15	93	29	3.57
ZZ26765		0.32	0.001	<0.2	2.22	7	<10	180	<0.5	<2	0.59	<0.5	14	123	31	2.71
ZZ26766		0.36	0.002	0.2	2.74	10	<10	190	0.7	<2	0.92	<0.5	16	119	54	3.03
ZZ26767		0.46	0.002	<0.2	2.93	10	<10	150	0.8	<2	0.79	<0.5	20	166	50	3.94
ZZ26768		0.28	0.001	0.3	2.82	9	<10	140	0.8	<2	0.53	<0.5	19	132	42	3.77
ZZ26769		0.26	0.002	0.3	2.87	11	<10	150	0.9	<2	0.50	<0.5	20	140	38	4.15
ZZ26770		0.32	0.003	0.3	2.67	10	<10	140	0.8	<2	0.51	<0.5	16	101	53	3.65
ZZ26771		0.26	0.004	0.2	2.57	12	<10	120	0.6	<2	0.45	<0.5	16	83	37	3.53
ZZ26772		0.42	0.003	0.3	2.77	10	<10	160	0.7	<2	0.61	<0.5	16	92	48	3.41
ZZ26773		0.30	0.002	<0.2	2.21	13	<10	100	0.7	<2	0.38	<0.5	13	58	20	3.02
ZZ26774		0.24	0.013	0.2	1.67	10	<10	80	0.6	<2	0.23	<0.5	9	53	21	2.77
ZZ26775		0.30	0.008	<0.2	1.92	12	<10	80	0.5	<2	0.31	<0.5	12	60	26	3.18
ZZ26776		0.28	<0.001	<0.2	4.15	8	<10	160	1.3	<2	1.08	<0.5	18	83	47	3.66
ZZ26777		0.30	0.026	<0.2	2.13	12	<10	110	0.6	<2	0.50	<0.5	12	56	24	3.11
ZZ26778		0.36	0.004	0.2	2.07	15	<10	130	0.7	<2	0.61	<0.5	12	50	17	2.96
ZZ26779		0.32	0.016	3.3	2.03	20	<10	150	0.6	6	0.41	<0.5	14	62	35	3.33
ZZ26780		0.22	0.002	0.2	2.71	12	<10	140	0.7	<2	0.69	<0.5	12	58	30	3.14
ZZ26781		0.26	0.006	0.2	2.60	9	<10	260	0.7	<2	0.56	<0.5	12	52	25	3.18
ZZ26782		0.32	<0.001	<0.2	3.15	10	<10	160	0.8	<2	0.74	<0.5	16	82	15	3.37
ZZ26783		0.24	0.007	0.2	2.35	12	<10	120	0.6	<2	0.32	<0.5	12	54	50	2.95
ZZ26784		0.32	0.004	0.2	2.70	12	<10	130	0.6	<2	0.68	<0.5	18	106	31	3.59
ZZ26785		0.32	<0.001	0.2	2.68	9	<10	240	0.8	<2	0.65	<0.5	18	145	30	3.47
ZZ26786		0.34	0.001	0.2	2.71	8	<10	100	0.6	<2	0.32	<0.5	18	112	29	3.59
ZZ26787		0.34	0.001	0.2	2.65	8	<10	160	0.5	<2	0.47	<0.5	16	107	36	3.19
ZZ26788		0.36	0.002	<0.2	2.61	12	<10	170	0.5	<2	0.48	<0.5	17	113	37	3.21
ZZ26789		0.22	0.010	<0.2	2.19	12	<10	100	0.6	<2	0.26	<0.5	11	55	19	3.41
ZZ26790		0.28	0.005	0.3	3.20	24	<10	120	0.9	2	0.47	<0.5	32	116	30	3.90
ZZ26791		0.24	0.007	0.2	2.73	25	<10	120	0.9	<2	0.31	<0.5	19	65	21	3.50
ZZ26792		0.32	0.006	<0.2	2.77	19	<10	130	0.8	3	0.45	<0.5	21	93	52	4.16
ZZ26793		0.32	0.005	<0.2	2.42	17	<10	140	0.7	4	0.39	<0.5	18	89	35	4.25



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26754		10	<1	0.26	10	1.73	834	<1	0.03	87	1500	76	0.08	<2	3	189
ZZ26755		10	1	0.20	10	1.57	617	<1	0.05	84	1290	22	0.09	<2	2	203
ZZ26756		10	1	0.25	10	1.34	1125	<1	0.05	49	1420	33	0.05	<2	4	202
ZZ26757		10	<1	0.26	10	1.21	622	<1	0.05	55	1430	28	0.05	<2	2	116
ZZ26758		10	<1	0.14	10	1.13	753	1	0.06	42	1460	30	0.05	<2	3	149
ZZ26759		10	<1	0.15	10	1.19	549	<1	0.11	51	1400	30	0.03	<2	3	150
ZZ26760		10	<1	0.17	10	1.20	1255	1	0.04	31	1420	37	0.05	<2	6	108
ZZ26761		10	1	0.18	10	1.20	905	<1	0.05	48	1590	34	0.04	<2	4	114
ZZ26762		10	<1	0.28	10	1.60	809	<1	0.04	82	1370	50	0.03	<2	3	88
ZZ26763		10	<1	0.16	10	1.30	880	<1	0.05	61	1520	52	0.02	<2	4	139
ZZ26764		10	<1	0.12	10	1.08	622	<1	0.04	48	1110	27	0.03	2	2	86
ZZ26765		10	<1	0.34	10	1.21	377	<1	0.04	72	1240	9	0.02	2	2	150
ZZ26766		10	<1	0.38	10	1.57	562	<1	0.05	83	1310	24	0.02	<2	3	311
ZZ26767		10	<1	0.54	10	2.06	648	<1	0.05	112	1440	36	0.02	<2	2	302
ZZ26768		10	<1	0.28	10	1.82	919	<1	0.05	101	1260	31	0.06	2	3	134
ZZ26769		10	<1	0.17	10	1.59	1890	1	0.05	84	1330	35	0.06	3	4	84
ZZ26770		10	<1	0.13	10	1.23	1980	<1	0.05	57	1320	25	0.03	2	4	116
ZZ26771		10	<1	0.12	10	1.14	715	<1	0.05	54	1300	19	0.04	3	3	96
ZZ26772		10	<1	0.19	10	1.57	717	<1	0.04	71	1150	40	0.03	<2	3	235
ZZ26773		10	<1	0.06	10	0.99	549	<1	0.04	55	890	16	0.05	2	2	57
ZZ26774		<10	<1	0.04	10	0.53	374	1	0.03	31	1300	16	0.12	<2	1	37
ZZ26775		10	<1	0.05	10	0.91	451	<1	0.03	43	710	22	0.05	<2	2	63
ZZ26776		10	<1	0.15	10	1.96	699	<1	0.07	46	1430	40	0.02	2	5	192
ZZ26777		<10	<1	0.07	10	0.79	543	<1	0.04	35	1500	12	0.03	<2	3	84
ZZ26778		<10	<1	0.05	10	0.85	551	<1	0.05	35	1590	9	0.04	<2	2	91
ZZ26779		10	<1	0.08	10	0.85	758	1	0.04	39	1090	266	0.06	3	3	109
ZZ26780		10	<1	0.12	10	1.00	580	<1	0.05	43	840	29	0.03	<2	2	188
ZZ26781		10	<1	0.11	10	0.86	643	<1	0.05	35	1170	24	0.05	<2	2	253
ZZ26782		10	<1	0.03	<10	1.82	795	<1	0.05	57	650	13	0.04	<2	2	251
ZZ26783		<10	<1	0.06	10	0.80	570	<1	0.04	35	740	31	0.05	<2	2	63
ZZ26784		10	<1	0.28	10	1.75	812	<1	0.06	90	1250	20	0.03	<2	2	197
ZZ26785		10	<1	0.28	10	1.44	592	<1	0.06	86	1440	18	0.03	<2	3	125
ZZ26786		10	<1	0.18	10	1.57	887	<1	0.04	89	770	39	0.04	<2	2	45
ZZ26787		<10	<1	0.30	10	1.49	1190	<1	0.05	83	1090	22	0.02	<2	3	125
ZZ26788		10	1	0.30	10	1.52	579	<1	0.05	91	1170	11	0.02	<2	2	73
ZZ26789		10	<1	0.05	10	0.65	509	1	0.04	32	610	30	0.05	<2	2	59
ZZ26790		10	<1	0.14	10	1.74	1205	<1	0.04	68	770	27	0.05	<2	3	69
ZZ26791		10	<1	0.07	10	0.89	911	1	0.04	47	1110	29	0.09	<2	1	58
ZZ26792		10	1	0.15	10	1.34	1515	<1	0.02	63	1230	31	0.02	<2	4	105
ZZ26793		10	<1	0.11	10	1.19	721	<1	0.02	57	940	43	0.03	<2	2	62



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		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26754		<20	0.13	<10	<10	100	<10	161
ZZ26755		<20	0.13	<10	<10	90	<10	71
ZZ26756		<20	0.08	<10	<10	93	<10	96
ZZ26757		<20	0.11	<10	<10	85	<10	90
ZZ26758		<20	0.09	<10	<10	85	<10	81
ZZ26759		<20	0.11	<10	<10	90	<10	72
ZZ26760		<20	0.06	<10	<10	87	<10	167
ZZ26761		<20	0.10	<10	<10	90	<10	100
ZZ26762		<20	0.11	<10	<10	82	<10	132
ZZ26763		<20	0.11	<10	<10	94	<10	131
ZZ26764		<20	0.10	<10	<10	81	<10	78
ZZ26765		<20	0.12	<10	<10	64	<10	60
ZZ26766		<20	0.12	<10	<10	70	<10	64
ZZ26767		<20	0.15	<10	<10	86	<10	83
ZZ26768		<20	0.12	<10	<10	84	<10	103
ZZ26769		<20	0.10	<10	<10	89	<10	123
ZZ26770		<20	0.11	<10	<10	84	<10	95
ZZ26771		<20	0.11	<10	<10	82	<10	97
ZZ26772		<20	0.12	<10	<10	79	<10	102
ZZ26773		<20	0.10	<10	<10	72	<10	75
ZZ26774		<20	0.06	<10	<10	73	<10	62
ZZ26775		<20	0.11	<10	<10	78	<10	71
ZZ26776		<20	0.10	<10	<10	84	<10	88
ZZ26777		<20	0.14	<10	<10	81	<10	70
ZZ26778		<20	0.12	<10	<10	69	<10	71
ZZ26779		<20	0.10	<10	<10	73	<10	89
ZZ26780		<20	0.09	<10	<10	76	<10	79
ZZ26781		<20	0.10	<10	<10	76	<10	61
ZZ26782		<20	0.10	<10	<10	78	<10	90
ZZ26783		<20	0.11	<10	<10	66	<10	83
ZZ26784		<20	0.14	<10	<10	81	<10	89
ZZ26785		<20	0.18	<10	<10	95	<10	75
ZZ26786		<20	0.14	<10	<10	81	<10	79
ZZ26787		<20	0.14	<10	<10	75	<10	62
ZZ26788		<20	0.14	<10	<10	74	<10	69
ZZ26789		<20	0.10	<10	<10	83	<10	62
ZZ26790		<20	0.14	<10	<10	90	<10	74
ZZ26791		<20	0.06	<10	<10	74	<10	88
ZZ26792		<20	0.13	<10	<10	93	<10	96
ZZ26793		<20	0.13	<10	<10	98	<10	94



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26794		0.46	0.015	4.6	3.28	23	<10	210	0.9	9	0.93	1.4	39	202	107	5.03
ZZ26795		0.40	0.008	0.9	3.05	36	<10	170	0.9	10	0.54	<0.5	27	121	50	4.45
ZZ26796		0.24	0.002	0.3	2.79	28	<10	150	0.7	7	0.37	0.5	21	139	26	4.16
ZZ26797		0.24	0.001	<0.2	2.24	13	<10	130	0.5	4	0.27	<0.5	11	125	17	3.44
ZZ26798		0.34	<0.001	<0.2	2.72	13	<10	160	0.7	<2	0.75	<0.5	18	143	27	3.62
ZZ26799		0.38	0.002	<0.2	2.23	11	<10	130	0.6	3	0.52	<0.5	15	106	18	3.60
ZZ26800		0.34	0.001	0.3	3.15	16	<10	150	0.9	4	0.51	<0.5	20	100	22	4.14
ZZ26801		0.46	0.001	<0.2	2.68	6	<10	170	0.6	3	0.70	<0.5	16	98	26	3.50
ZZ26802		0.20	0.001	<0.2	2.02	8	<10	140	0.5	4	0.46	<0.5	12	73	23	3.24
ZZ26803		0.42	0.001	<0.2	2.28	8	<10	110	0.7	3	0.44	<0.5	13	84	25	3.27
ZZ26804		0.40	0.004	0.3	3.43	30	<10	330	1.0	2	0.88	2.1	20	147	58	3.97
ZZ26805		0.40	0.002	<0.2	3.56	12	<10	170	0.9	<2	0.98	1.0	20	158	73	4.17



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26794		10	1	0.59	10	1.93	3450	<1	0.02	128	1420	85	0.05	<2	7	176
ZZ26795		10	3	0.30	10	1.45	1405	<1	0.02	73	1130	60	0.05	2	3	163
ZZ26796		10	1	0.20	10	1.41	1130	<1	0.02	74	1020	35	0.05	<2	3	67
ZZ26797		10	1	0.12	10	0.97	626	<1	0.02	50	1030	16	0.10	<2	1	37
ZZ26798		10	<1	0.31	10	1.58	679	<1	0.02	78	1180	56	0.03	<2	3	134
ZZ26799		10	1	0.16	10	1.04	496	<1	0.03	39	1180	19	0.03	<2	3	115
ZZ26800		10	1	0.12	10	1.57	816	<1	0.02	58	1070	64	0.07	<2	3	128
ZZ26801		10	<1	0.21	10	1.94	574	<1	0.02	89	1100	19	<0.01	<2	3	185
ZZ26802		10	1	0.16	10	1.24	471	<1	0.01	65	1160	29	0.05	<2	2	120
ZZ26803		10	1	0.10	10	1.39	444	<1	0.01	74	970	18	0.03	<2	2	118
ZZ26804		10	1	0.21	10	2.24	2390	<1	0.02	102	1400	204	<0.01	<2	6	712
ZZ26805		10	1	0.20	10	2.52	1115	<1	0.03	122	1430	433	<0.01	<2	6	324



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26794		<20	0.14	<10	<10	96	<10	302
ZZ26795		<20	0.10	<10	<10	93	<10	146
ZZ26796		<20	0.14	<10	<10	95	<10	126
ZZ26797		<20	0.12	<10	<10	96	<10	82
ZZ26798		<20	0.12	<10	<10	87	<10	150
ZZ26799		<20	0.12	<10	<10	84	<10	72
ZZ26800		<20	0.10	<10	<10	93	<10	123
ZZ26801		<20	0.13	<10	<10	76	<10	87
ZZ26802		<20	0.11	<10	<10	78	<10	87
ZZ26803		<20	0.11	<10	<10	78	<10	89
ZZ26804		<20	0.09	<10	<10	91	<10	262
ZZ26805		<20	0.14	<10	<10	105	<10	589



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CERTIFICATE WH11157700

Project: 000
 P.O. No.:
 This report is for 128 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12- AUG- 2011.
 The following have access to data associated with this certificate:
 JOAN MARIACHER HEATHER SMITH

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- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26371		0.30	0.003	<0.2	3.39	10	<10	90	1.3	3	1.58	<0.5	20	32	46	3.59
ZZ26372		0.18	0.152	<0.2	2.65	55	<10	20	0.9	6	0.93	<0.5	17	25	38	3.17
ZZ26373		0.28	0.001	<0.2	3.34	10	<10	90	2.3	3	1.83	<0.5	17	33	66	4.27
ZZ26374		0.24	0.002	<0.2	3.06	18	<10	70	0.8	4	1.26	<0.5	17	75	24	3.86
ZZ26375		0.22	<0.001	0.2	2.93	8	<10	180	0.9	<2	0.93	<0.5	15	22	22	4.73
ZZ26376		0.28	0.004	0.2	3.47	26	<10	110	2.8	2	1.18	<0.5	26	36	28	4.35
ZZ26377		0.26	0.007	0.3	2.46	65	<10	90	2.7	2	1.04	0.5	19	34	93	3.76
ZZ26378		0.26	0.009	0.2	2.27	32	<10	90	1.9	5	0.73	<0.5	15	31	107	3.38
ZZ26379		0.26	0.006	0.3	2.64	26	<10	130	1.4	3	0.37	<0.5	18	41	98	4.19
ZZ26380		0.24	0.007	0.2	2.03	16	<10	80	1.9	2	0.72	<0.5	13	31	91	3.14
ZZ26391		0.30	0.001	0.3	2.06	40	<10	220	2.0	<2	0.59	2.1	17	32	32	4.53
ZZ26392		0.26	0.003	0.7	2.22	59	<10	270	2.1	<2	0.80	1.8	13	30	41	4.41
ZZ26393		0.30	0.017	0.7	1.96	60	<10	130	1.9	2	0.74	1.4	11	24	31	3.23
ZZ26394		0.26	<0.001	<0.2	2.21	29	<10	250	1.4	2	0.69	<0.5	10	32	20	3.11
ZZ26395		0.30	<0.001	0.2	2.64	59	<10	160	1.7	<2	0.61	<0.5	9	32	37	3.34
ZZ26396		0.30	0.001	<0.2	2.36	55	<10	180	1.4	3	0.62	<0.5	11	39	31	3.47
ZZ26397		0.18	<0.001	<0.2	1.68	23	<10	180	0.7	2	0.42	<0.5	16	67	44	3.84
ZZ26398		0.22	<0.001	<0.2	4.27	5	<10	410	1.2	2	0.88	<0.5	23	180	22	5.24
ZZ26399		0.20	0.001	<0.2	2.19	10	<10	210	0.6	<2	0.73	<0.5	20	39	25	4.48
ZZ26400		0.18	0.003	<0.2	1.87	5	<10	160	<0.5	2	0.37	<0.5	12	46	18	3.60
ZZ26411		0.26	0.001	<0.2	3.69	13	<10	280	1.2	2	0.70	<0.5	22	86	36	4.14
ZZ26412		0.22	<0.001	<0.2	3.31	9	<10	260	1.1	<2	0.85	<0.5	22	152	33	4.34
ZZ26413		0.28	0.005	<0.2	1.96	34	<10	140	1.2	3	0.33	<0.5	12	34	26	3.46
ZZ26414		0.44	<0.001	0.2	2.48	19	<10	170	1.1	3	0.31	<0.5	13	41	31	3.74
ZZ26415		Empty Bag														
ZZ26416		0.02	NSS	0.2	1.38	3	<10	110	<0.5	2	0.25	<0.5	8	55	16	2.68
ZZ26417		0.36	<0.001	<0.2	3.19	10	<10	310	0.9	2	1.14	<0.5	26	158	36	4.67
ZZ26418		0.24	<0.001	<0.2	2.88	11	<10	270	0.9	2	0.93	<0.5	20	100	36	4.10
ZZ26419		0.22	<0.001	<0.2	1.95	8	<10	150	0.6	<2	0.40	<0.5	12	54	22	3.25
ZZ26420		0.26	0.004	0.2	2.40	6	<10	170	0.7	2	0.31	<0.5	13	72	26	3.77
ZZ26437		0.32	0.002	<0.2	2.18	3	<10	140	1.3	<2	0.90	<0.5	7	26	28	2.74
ZZ26438		0.44	0.006	0.5	1.87	12	<10	180	1.0	4	0.41	<0.5	10	34	81	3.60
ZZ26439		0.46	0.005	<0.2	1.80	9	<10	110	0.6	<2	0.22	<0.5	10	36	36	3.42
ZZ26440		0.36	<0.001	<0.2	2.87	48	<10	340	1.8	<2	0.97	<0.5	9	25	36	2.73
ZZ26498		0.36	0.002	0.3	3.03	96	<10	270	1.3	4	0.69	0.5	21	68	37	4.53
ZZ26499		0.22	<0.001	<0.2	2.66	7	<10	290	0.9	<2	0.65	<0.5	17	80	23	4.30
ZZ26500		0.30	0.003	<0.2	3.39	45	<10	240	1.2	3	1.07	<0.5	24	101	33	4.82
ZZ26501		0.18	<0.001	0.2	3.01	12	<10	240	1.1	2	0.65	<0.5	21	94	38	4.17
ZZ26502		0.24	0.001	<0.2	2.51	10	<10	220	0.7	2	0.40	<0.5	19	110	29	4.00
ZZ26503		0.30	0.001	<0.2	3.05	13	<10	260	0.7	<2	0.74	<0.5	23	218	50	4.33



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26371		10	1	0.42	10	0.87	459	<1	0.06	14	1680	12	0.03	<2	3	442
ZZ26372		10	1	0.11	10	0.75	796	2	0.02	20	2280	13	0.04	<2	2	62
ZZ26373		10	1	0.37	10	1.06	523	<1	0.04	8	1800	28	0.02	<2	5	150
ZZ26374		10	<1	0.34	10	0.77	475	<1	0.07	11	1800	10	0.05	<2	4	391
ZZ26375		10	<1	0.42	10	1.31	608	<1	0.02	5	1450	39	0.04	<2	6	75
ZZ26376		10	1	0.43	30	1.22	581	10	0.02	12	1040	69	0.03	<2	7	97
ZZ26377		10	<1	0.26	20	0.79	580	3	0.04	13	1100	72	0.02	<2	5	102
ZZ26378		10	<1	0.26	40	0.73	461	2	0.03	12	950	40	0.03	<2	5	67
ZZ26379		10	<1	0.21	20	0.85	467	3	0.02	17	780	33	0.05	<2	4	39
ZZ26380		10	<1	0.18	20	0.58	599	1	0.04	18	1120	49	0.02	<2	3	103
ZZ26391		10	<1	0.19	50	0.55	1600	7	0.01	18	1470	121	0.03	4	8	136
ZZ26392		10	<1	0.32	50	0.72	875	6	0.02	14	1490	382	0.03	9	10	189
ZZ26393		10	<1	0.13	30	0.48	1350	3	0.01	14	1390	241	0.02	<2	5	102
ZZ26394		10	<1	0.17	20	0.63	524	1	0.02	15	1290	31	0.03	<2	4	398
ZZ26395		10	<1	0.18	20	0.72	351	2	0.02	14	1080	46	0.07	<2	4	149
ZZ26396		10	<1	0.22	20	0.76	366	2	0.02	14	1210	36	0.05	<2	4	160
ZZ26397		10	<1	0.29	10	0.81	408	2	0.02	15	1380	43	0.14	<2	3	43
ZZ26398		10	<1	0.95	10	2.21	620	<1	0.03	34	1720	20	0.06	<2	7	233
ZZ26399		10	1	0.53	10	1.05	416	1	0.03	12	1640	18	0.07	<2	6	163
ZZ26400		10	<1	0.26	10	0.83	326	1	0.02	14	1280	15	0.08	<2	3	25
ZZ26411		10	<1	0.44	10	1.89	581	1	0.05	67	1350	17	0.09	<2	5	77
ZZ26412		10	<1	0.75	10	2.01	658	<1	0.02	64	1660	24	0.06	<2	6	102
ZZ26413		10	<1	0.10	20	0.64	467	1	0.01	16	920	36	0.06	<2	3	86
ZZ26414		10	1	0.10	10	0.86	754	2	0.02	18	880	43	0.09	2	4	76
ZZ26415																
ZZ26416		10	<1	0.19	10	0.66	325	1	0.03	23	1030	10	0.11	<2	3	41
ZZ26417		10	<1	0.56	10	2.20	1080	1	0.04	85	1730	28	0.03	<2	7	304
ZZ26418		10	<1	0.42	10	1.71	991	1	0.05	61	1640	24	0.06	<2	5	245
ZZ26419		10	<1	0.14	10	0.85	526	1	0.03	25	1190	20	0.13	<2	3	61
ZZ26420		10	<1	0.13	10	1.12	590	2	0.03	33	1220	23	0.15	<2	3	78
ZZ26437		10	<1	0.17	30	0.53	421	<1	0.03	12	1480	17	0.02	<2	3	139
ZZ26438		10	<1	0.10	20	0.59	588	2	0.01	18	980	68	0.06	<2	3	93
ZZ26439		10	1	0.06	10	0.51	545	1	0.01	21	610	19	0.05	<2	3	25
ZZ26440		10	<1	0.14	20	0.62	361	1	0.03	10	910	22	0.04	<2	4	416
ZZ26498		10	1	0.51	20	1.46	692	1	0.02	29	1650	139	0.08	<2	6	103
ZZ26499		10	<1	0.49	10	1.33	582	<1	0.02	19	1400	27	0.08	<2	6	139
ZZ26500		10	1	0.40	10	1.66	1095	<1	0.03	43	2110	56	0.05	<2	7	157
ZZ26501		10	1	0.38	10	1.53	978	1	0.04	50	1560	83	0.11	<2	5	105
ZZ26502		10	<1	0.22	10	1.30	702	1	0.03	51	1000	22	0.09	<2	4	95
ZZ26503		10	<1	0.45	10	2.14	663	1	0.06	126	1490	23	0.06	<2	5	253



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26371		<20	0.10	<10	<10	107	<10	64
ZZ26372		<20	0.02	<10	<10	44	<10	39
ZZ26373		<20	0.11	<10	<10	113	<10	65
ZZ26374		<20	0.15	<10	<10	121	<10	58
ZZ26375		<20	0.18	<10	<10	175	<10	92
ZZ26376		40	0.10	<10	<10	80	<10	73
ZZ26377		30	0.12	<10	20	70	<10	170
ZZ26378		30	0.12	<10	10	66	<10	91
ZZ26379		30	0.17	<10	10	86	<10	65
ZZ26380		20	0.12	<10	10	71	<10	77
ZZ26391		20	0.10	<10	<10	74	<10	253
ZZ26392		30	0.12	<10	10	76	<10	224
ZZ26393		20	0.07	<10	<10	57	<10	285
ZZ26394		20	0.11	<10	<10	68	<10	86
ZZ26395		<20	0.08	<10	<10	69	<10	120
ZZ26396		<20	0.11	<10	<10	81	<10	90
ZZ26397		<20	0.18	<10	<10	104	<10	97
ZZ26398		<20	0.34	<10	<10	183	<10	87
ZZ26399		<20	0.25	<10	<10	140	<10	53
ZZ26400		<20	0.21	<10	<10	117	<10	49
ZZ26411		<20	0.29	<10	<10	118	<10	72
ZZ26412		<20	0.28	<10	<10	122	<10	96
ZZ26413		<20	0.10	<10	<10	78	<10	67
ZZ26414		<20	0.14	<10	<10	93	<10	75
ZZ26415								
ZZ26416		<20	0.16	<10	<10	84	<10	50
ZZ26417		<20	0.29	<10	<10	137	<10	101
ZZ26418		<20	0.24	<10	<10	111	<10	83
ZZ26419		<20	0.19	<10	<10	96	<10	63
ZZ26420		<20	0.22	<10	<10	112	<10	74
ZZ26437		20	0.06	<10	<10	61	<10	44
ZZ26438		<20	0.11	<10	<10	79	<10	87
ZZ26439		<20	0.11	<10	<10	83	<10	64
ZZ26440		20	0.03	<10	<10	57	<10	45
ZZ26498		<20	0.25	<10	<10	122	<10	154
ZZ26499		<20	0.27	<10	<10	140	<10	88
ZZ26500		<20	0.17	<10	<10	128	<10	140
ZZ26501		<20	0.26	<10	<10	116	<10	129
ZZ26502		<20	0.25	<10	<10	113	<10	88
ZZ26503		<20	0.27	<10	<10	120	<10	114



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26504		0.34	<0.001	<0.2	2.49	9	<10	200	0.6	2	0.79	<0.5	24	140	50	4.50
ZZ26505		0.30	0.002	0.2	3.24	20	<10	180	1.0	4	0.75	<0.5	20	110	61	4.06
ZZ26506		0.24	0.006	0.2	3.21	28	<10	190	1.2	4	0.63	<0.5	20	114	67	4.16
ZZ26507		0.20	0.010	1.0	2.73	38	<10	130	1.1	6	1.03	0.7	20	93	74	3.74
ZZ26508		0.30	0.014	2.0	3.44	61	<10	180	1.6	13	0.91	3.9	23	150	99	4.83
ZZ26509		0.38	0.002	<0.2	2.86	19	<10	150	0.9	3	0.51	<0.5	22	100	50	3.97
ZZ26510		0.30	0.002	<0.2	3.20	17	<10	170	0.9	4	0.68	<0.5	19	110	47	3.88
ZZ26511		0.14	0.002	<0.2	2.70	8	<10	160	0.7	2	0.53	<0.5	15	148	35	3.86
ZZ26512		0.34	<0.001	0.2	3.28	16	<10	130	0.9	2	0.53	<0.5	14	101	30	4.09
ZZ26513		0.16	<0.001	0.4	2.93	16	<10	170	0.9	2	0.75	<0.5	23	178	45	3.89
ZZ26514		0.18	0.004	0.5	3.03	9	<10	140	0.7	3	0.97	<0.5	17	175	33	3.81
ZZ26515		0.16	<0.001	0.2	2.60	15	<10	110	0.8	<2	0.59	<0.5	15	95	32	3.59
ZZ26516		0.28	0.035	0.2	2.57	27	<10	120	1.2	<2	0.58	<0.5	13	69	45	3.49
ZZ26517		0.28	0.019	0.2	2.92	28	<10	200	0.9	<2	0.48	<0.5	18	89	48	4.34
ZZ26518		Empty Bag														
ZZ26521		0.34	0.003	<0.2	1.84	7	<10	110	1.3	3	0.80	<0.5	10	29	31	3.25
ZZ26522		0.44	0.002	0.4	2.37	6	<10	120	2.3	3	1.19	0.5	10	16	38	2.49
ZZ26523		0.42	0.005	0.4	2.27	30	<10	80	2.4	11	0.82	<0.5	14	28	64	3.19
ZZ26524		0.28	0.361	0.8	2.28	49	<10	90	1.8	20	0.79	<0.5	21	41	159	4.01
ZZ26525		0.18	0.002	0.3	2.68	22	<10	130	1.6	3	0.73	<0.5	16	39	41	3.57
ZZ26526		0.52	0.001	0.3	2.58	16	<10	130	1.8	<2	0.87	<0.5	22	37	47	3.96
ZZ26527		0.48	0.003	<0.2	3.26	13	<10	230	1.3	<2	0.95	<0.5	26	61	51	5.84
ZZ26528		0.28	0.002	<0.2	2.21	6	<10	180	0.6	<2	0.47	<0.5	16	43	28	4.34
ZZ26529		0.38	0.004	<0.2	3.24	9	<10	230	0.9	<2	1.23	<0.5	20	61	38	4.35
ZZ26530		0.30	0.005	<0.2	3.71	18	<10	190	1.1	<2	1.70	<0.5	24	56	42	4.31
ZZ26671		0.24	<0.001	<0.2	2.86	34	<10	250	1.5	<2	0.94	<0.5	8	33	21	3.05
ZZ26672		0.28	<0.001	<0.2	2.02	37	<10	140	1.1	<2	0.52	<0.5	10	38	27	3.24
ZZ26673		0.22	<0.001	<0.2	2.16	84	<10	150	1.3	<2	0.48	<0.5	13	36	37	3.76
ZZ26674		0.28	0.001	0.2	2.70	77	<10	230	1.5	<2	0.36	<0.5	19	40	39	5.03
ZZ26675		0.16	<0.001	0.3	2.29	95	<10	150	1.7	<2	0.40	<0.5	18	40	49	4.20
ZZ26676		0.30	0.004	<0.2	2.19	7	<10	190	0.7	<2	0.76	<0.5	21	65	28	4.27
ZZ26677		0.28	0.008	0.2	2.24	12	<10	100	0.9	<2	0.71	<0.5	18	58	91	3.86
ZZ26678		0.26	<0.001	0.2	2.54	25	<10	210	0.9	<2	0.56	<0.5	20	54	36	4.14
ZZ26679		0.24	0.005	<0.2	2.55	15	<10	160	0.8	<2	0.81	<0.5	25	52	27	4.14
ZZ26680		0.22	<0.001	<0.2	3.15	14	<10	190	1.0	<2	0.39	<0.5	15	31	25	3.71
ZZ26681		0.22	<0.001	<0.2	2.49	17	<10	150	0.7	<2	0.27	<0.5	15	58	18	3.63
ZZ26682		0.22	0.002	<0.2	2.44	7	<10	220	0.6	<2	0.43	<0.5	19	49	35	3.74
ZZ26683		0.30	<0.001	<0.2	3.60	16	<10	160	1.1	<2	0.47	0.5	20	37	36	4.43
ZZ26701		0.22	0.002	<0.2	2.86	13	<10	180	0.9	<2	0.80	<0.5	24	71	32	3.69
ZZ26702		0.36	<0.001	<0.2	2.78	9	<10	210	0.9	<2	0.43	<0.5	21	78	29	3.74



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		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26504		10	<1	0.33	10	2.34	736	1	0.05	91	1440	21	0.05	<2	3	180
ZZ26505		10	1	0.38	10	2.14	670	2	0.05	71	1250	31	0.07	<2	5	180
ZZ26506		10	1	0.37	20	1.65	580	4	0.03	49	1260	31	0.05	<2	7	160
ZZ26507		10	1	0.25	20	1.11	645	3	0.04	35	1450	140	0.07	<2	5	175
ZZ26508		10	1	0.35	20	1.63	1065	1	0.02	61	1540	428	0.03	<2	10	91
ZZ26509		10	1	0.11	10	1.01	493	1	0.04	40	990	28	0.07	<2	4	115
ZZ26510		10	1	0.09	10	1.16	512	1	0.06	43	1090	36	0.05	<2	4	165
ZZ26511		10	<1	0.17	10	1.58	475	1	0.03	87	990	9	0.08	<2	3	76
ZZ26512		10	1	0.08	10	1.26	513	1	0.03	47	980	21	0.07	<2	3	91
ZZ26513		10	1	0.27	10	2.10	683	1	0.02	114	1340	21	0.09	<2	3	214
ZZ26514		10	<1	0.18	10	1.27	395	<1	0.07	44	1170	12	0.01	<2	5	280
ZZ26515		10	1	0.28	10	1.09	329	<1	0.01	36	920	12	0.05	<2	3	117
ZZ26516		10	1	0.21	20	0.99	322	2	0.01	29	1230	19	0.05	3	5	97
ZZ26517		10	1	0.19	10	0.93	303	1	0.03	34	970	11	0.05	<2	4	178
ZZ26518																
ZZ26521		10	<1	0.33	30	0.69	578	<1	0.01	11	1800	45	0.01	2	4	71
ZZ26522		10	1	0.28	30	0.69	643	1	0.02	8	1540	69	<0.01	<2	3	161
ZZ26523		10	1	0.28	20	0.64	617	2	0.02	10	1180	45	0.01	2	3	147
ZZ26524		10	<1	0.21	20	0.61	579	3	0.03	16	1270	88	0.04	2	3	112
ZZ26525		10	<1	0.34	20	0.91	515	3	0.01	17	1040	43	0.03	<2	5	67
ZZ26526		10	1	0.35	20	0.93	555	2	0.02	17	1550	38	0.02	<2	5	150
ZZ26527		10	1	0.59	10	1.36	751	1	0.03	21	2210	28	0.05	<2	7	171
ZZ26528		10	<1	0.22	10	0.97	413	2	0.02	14	1220	30	0.07	<2	4	95
ZZ26529		10	<1	0.44	10	1.16	563	1	0.04	15	1590	21	0.05	<2	5	402
ZZ26530		10	<1	0.43	10	0.90	589	1	0.07	13	1840	31	0.04	<2	4	784
ZZ26671		10	<1	0.22	30	0.73	374	1	0.03	13	1360	22	0.02	2	5	499
ZZ26672		10	<1	0.18	20	0.74	347	1	0.02	16	1410	24	0.08	<2	4	125
ZZ26673		10	1	0.21	30	0.72	298	3	0.02	16	1370	30	0.16	3	4	114
ZZ26674		10	1	0.25	20	0.85	510	4	0.02	20	1580	31	0.18	2	4	167
ZZ26675		10	<1	0.20	30	0.94	482	3	0.01	15	1290	33	0.07	<2	5	86
ZZ26676		10	1	0.45	10	0.99	506	1	0.01	17	1780	48	0.02	<2	4	171
ZZ26677		10	<1	0.30	10	0.80	386	2	0.03	20	1240	48	0.02	<2	4	121
ZZ26678		10	<1	0.35	10	1.05	505	2	0.02	19	1590	33	0.05	2	4	140
ZZ26679		10	<1	0.24	10	0.87	793	1	0.03	19	1880	25	0.03	<2	5	211
ZZ26680		10	1	0.20	10	0.85	416	1	0.02	19	1240	11	0.07	<2	2	75
ZZ26681		10	<1	0.08	10	0.90	423	1	0.03	20	1120	20	0.10	<2	3	54
ZZ26682		10	1	0.22	10	0.96	527	1	0.04	21	1400	34	0.10	<2	3	183
ZZ26683		10	<1	0.21	10	1.40	841	1	0.02	21	1690	44	0.06	<2	6	49
ZZ26701		10	<1	0.36	10	1.15	869	1	0.04	39	1860	31	0.07	<2	4	158
ZZ26702		10	1	0.27	10	1.21	589	1	0.02	44	1340	28	0.07	<2	3	106



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		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26504		<20	0.20	<10	<10	105	<10	97
ZZ26505		<20	0.19	<10	<10	102	<10	100
ZZ26506		<20	0.19	<10	<10	112	<10	102
ZZ26507		<20	0.11	<10	<10	95	<10	256
ZZ26508		<20	0.13	<10	<10	110	10	1155
ZZ26509		<20	0.13	<10	<10	93	<10	66
ZZ26510		<20	0.14	<10	<10	95	<10	80
ZZ26511		<20	0.17	<10	<10	102	<10	57
ZZ26512		<20	0.08	<10	<10	101	<10	64
ZZ26513		<20	0.13	<10	<10	91	<10	74
ZZ26514		<20	0.15	<10	<10	111	<10	64
ZZ26515		<20	0.14	<10	<10	98	<10	55
ZZ26516		<20	0.13	<10	<10	88	<10	71
ZZ26517		<20	0.15	<10	<10	105	<10	48
ZZ26518								
ZZ26521		20	0.13	<10	<10	83	<10	70
ZZ26522		30	0.07	<10	10	58	<10	99
ZZ26523		30	0.10	<10	10	69	<10	78
ZZ26524		20	0.10	<10	10	86	<10	121
ZZ26525		20	0.14	<10	10	82	<10	91
ZZ26526		20	0.15	<10	10	100	<10	92
ZZ26527		<20	0.26	<10	<10	161	<10	98
ZZ26528		<20	0.21	<10	<10	155	<10	84
ZZ26529		<20	0.20	<10	<10	149	<10	91
ZZ26530		<20	0.12	<10	<10	141	<10	66
ZZ26671		20	0.09	<10	<10	70	<10	57
ZZ26672		<20	0.12	<10	<10	78	<10	66
ZZ26673		20	0.10	<10	10	77	<10	63
ZZ26674		20	0.14	<10	10	90	<10	78
ZZ26675		20	0.10	<10	10	84	<10	61
ZZ26676		<20	0.21	<10	<10	142	<10	89
ZZ26677		<20	0.15	<10	<10	109	<10	70
ZZ26678		<20	0.20	<10	<10	125	<10	72
ZZ26679		<20	0.15	<10	<10	127	<10	59
ZZ26680		<20	0.13	<10	<10	117	<10	52
ZZ26681		<20	0.17	<10	<10	117	<10	62
ZZ26682		<20	0.18	<10	<10	112	<10	94
ZZ26683		<20	0.17	<10	<10	128	<10	143
ZZ26701		<20	0.19	<10	<10	104	<10	83
ZZ26702		<20	0.23	<10	<10	110	<10	72



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		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26703		0.28	0.011	<0.2	2.30	8	<10	150	0.6	<2	0.65	<0.5	24	62	33	3.68
ZZ26704		0.26	0.001	<0.2	2.95	6	<10	230	1.0	<2	0.80	<0.5	24	70	31	3.82
ZZ26705		0.26	<0.001	<0.2	2.96	6	<10	180	0.9	<2	0.37	<0.5	17	119	29	3.72
ZZ26706		0.20	<0.001	<0.2	2.69	7	<10	150	0.7	<2	0.26	<0.5	15	81	22	3.78
ZZ26707		0.32	0.004	0.2	2.63	11	<10	180	0.8	<2	0.66	<0.5	25	112	46	4.07
ZZ26708		0.30	0.004	0.6	2.92	32	<10	160	1.4	3	0.61	0.7	28	84	66	4.22
ZZ26709		0.26	0.006	0.2	2.79	52	<10	130	1.3	<2	0.58	0.6	16	58	53	3.75
ZZ26710		0.26	0.003	0.4	2.57	30	<10	150	0.9	2	0.46	<0.5	19	83	47	4.12
ZZ26711		0.22	0.008	<0.2	3.15	23	<10	70	1.2	<2	1.35	<0.5	28	71	54	4.06
ZZ26712		0.32	0.004	<0.2	2.46	14	<10	120	0.7	<2	0.45	<0.5	12	57	33	3.29
ZZ26713		0.22	0.002	<0.2	3.54	11	<10	110	1.1	<2	1.05	<0.5	19	74	45	3.84
ZZ26714		0.12	<0.001	0.2	2.58	13	<10	160	0.7	<2	0.38	<0.5	13	96	29	3.52
ZZ26715		0.24	0.001	<0.2	3.44	16	<10	150	1.1	2	0.73	<0.5	24	137	54	3.92
ZZ26716		0.46	0.001	0.2	3.40	16	<10	310	1.2	<2	1.17	<0.5	30	236	51	4.57
ZZ26717		0.26	0.001	<0.2	1.60	15	<10	140	0.5	<2	0.32	<0.5	11	70	21	3.24
ZZ26718		0.18	<0.001	<0.2	2.17	26	<10	160	<0.5	2	0.66	<0.5	13	73	18	4.24
ZZ26719		0.30	0.001	<0.2	2.16	24	<10	200	0.5	<2	0.32	<0.5	11	106	20	3.41
ZZ26720		0.56	0.010	0.2	2.21	53	<10	240	1.4	<2	0.71	<0.5	9	36	26	3.23
ZZ26721		0.38	0.004	0.6	2.51	45	<10	210	1.5	3	0.60	<0.5	10	32	41	3.32
ZZ26722		0.34	0.006	1.7	1.95	72	<10	130	1.4	2	0.61	<0.5	11	27	115	4.02
ZZ26723		0.48	0.001	0.2	2.45	19	<10	110	1.7	<2	1.10	<0.5	10	26	29	2.93
ZZ26724		0.22	0.001	<0.2	1.64	11	<10	120	0.8	<2	0.26	<0.5	6	30	24	2.93
ZZ26725		0.32	0.002	<0.2	2.12	8	<10	140	1.0	<2	0.61	<0.5	11	62	59	3.66
ZZ26726		0.20	0.002	<0.2	2.44	6	<10	90	1.1	<2	0.96	<0.5	11	24	34	2.72
ZZ26727		0.42	<0.001	<0.2	1.76	4	<10	100	0.8	<2	0.54	<0.5	6	20	21	2.48
ZZ26728		0.30	0.002	0.4	2.44	26	<10	90	1.7	5	0.59	<0.5	9	25	43	2.81
ZZ26729		0.38	0.002	<0.2	2.78	7	<10	140	1.7	<2	0.77	<0.5	11	51	30	3.28
ZZ26730		0.28	<0.001	0.2	2.01	7	<10	140	0.7	<2	0.48	<0.5	7	27	28	2.84
ZZ26731		0.24	0.003	<0.2	2.48	10	<10	150	0.7	<2	0.95	<0.5	14	71	17	3.89
ZZ26732		0.14	0.004	<0.2	1.96	7	<10	170	<0.5	<2	0.28	<0.5	10	49	16	3.33
ZZ26733		0.18	0.002	<0.2	1.66	7	<10	100	<0.5	<2	0.30	<0.5	10	61	14	3.90
ZZ26734		0.18	0.005	<0.2	2.14	6	<10	180	0.5	<2	0.33	<0.5	14	52	28	3.46
ZZ26735		0.16	0.007	<0.2	2.14	10	<10	90	<0.5	<2	0.21	<0.5	11	58	20	4.28
ZZ26736		0.18	0.005	<0.2	2.75	12	<10	140	0.6	<2	0.39	<0.5	20	48	28	3.35
ZZ26737		0.20	0.001	<0.2	2.67	8	<10	150	0.8	<2	0.40	<0.5	15	56	18	3.91
ZZ26738		0.20	0.001	<0.2	2.79	9	<10	130	0.7	<2	0.28	<0.5	12	32	22	4.16
ZZ26739		0.18	0.003	<0.2	2.73	9	<10	160	0.8	<2	0.30	<0.5	14	90	22	3.43
ZZ26740		0.18	0.005	<0.2	2.33	16	<10	120	0.7	2	0.30	<0.5	11	67	25	3.42
ZZ26741		0.24	0.007	0.2	2.12	64	<10	80	1.1	2	0.63	<0.5	14	56	42	3.51
ZZ26742		0.28	0.005	<0.2	2.73	15	<10	130	1.0	<2	0.86	<0.5	14	81	26	3.69



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26703		10	<1	0.20	10	0.82	637	1	0.02	32	1840	26	0.03	<2	4	157
ZZ26704		10	1	0.47	20	1.37	910	1	0.03	40	1960	20	0.06	<2	5	179
ZZ26705		10	<1	0.38	10	1.57	503	1	0.02	54	1040	19	0.06	<2	3	70
ZZ26706		10	1	0.25	10	1.26	618	1	0.03	37	1060	24	0.09	<2	4	43
ZZ26707		10	<1	0.39	10	1.40	756	2	0.02	48	1630	71	0.05	<2	4	182
ZZ26708		10	<1	0.29	20	1.27	847	2	0.02	56	1500	126	0.07	<2	4	198
ZZ26709		10	<1	0.24	20	1.02	527	4	0.02	37	1110	189	0.05	<2	4	106
ZZ26710		10	<1	0.19	10	1.05	601	3	0.01	42	1280	44	0.09	<2	5	93
ZZ26711		10	1	0.21	10	1.37	464	1	0.07	37	1480	24	0.02	<2	4	123
ZZ26712		10	1	0.09	10	0.72	321	2	0.03	27	920	19	0.07	2	3	86
ZZ26713		10	1	0.16	10	1.48	547	1	0.06	48	1290	16	0.06	<2	5	262
ZZ26714		10	<1	0.09	10	0.96	453	1	0.03	43	1120	20	0.10	3	2	67
ZZ26715		10	<1	0.15	10	1.40	451	1	0.06	64	1230	28	0.06	2	4	229
ZZ26716		10	1	0.56	10	2.50	1220	1	0.03	135	1660	44	0.03	<2	6	215
ZZ26717		10	<1	0.13	10	0.61	441	1	0.02	23	1250	11	0.12	<2	1	79
ZZ26718		10	1	0.10	10	0.53	452	1	0.04	22	1160	32	0.11	4	1	151
ZZ26719		10	<1	0.08	10	0.76	323	1	0.02	29	680	32	0.05	2	3	69
ZZ26720		10	1	0.15	20	0.67	380	2	0.02	17	1240	42	0.02	3	4	274
ZZ26721		10	1	0.15	30	0.65	579	4	0.02	16	1280	66	0.10	3	3	167
ZZ26722		10	<1	0.16	30	0.50	2180	10	0.03	19	1480	265	0.02	12	6	94
ZZ26723		10	1	0.20	30	0.61	745	2	0.04	13	1580	48	0.01	<2	5	186
ZZ26724		10	<1	0.05	10	0.20	199	3	0.02	13	1000	26	0.09	2	1	46
ZZ26725		10	<1	0.33	20	0.86	466	1	0.02	17	1360	28	0.03	2	4	48
ZZ26726		10	<1	0.18	20	0.63	526	1	0.03	10	1740	37	0.03	<2	3	79
ZZ26727		10	<1	0.16	20	0.49	255	<1	0.03	10	1020	22	0.01	<2	2	45
ZZ26728		10	<1	0.12	20	0.60	721	1	0.02	14	920	86	0.02	3	3	112
ZZ26729		10	1	0.32	20	0.92	669	1	0.03	25	1270	48	0.03	<2	4	63
ZZ26730		10	<1	0.12	10	0.51	301	1	0.03	13	1030	29	0.07	3	2	57
ZZ26731		10	1	0.38	10	0.94	391	<1	0.03	17	2120	18	0.02	2	4	78
ZZ26732		10	<1	0.06	10	0.63	367	<1	0.02	20	870	22	0.06	2	2	32
ZZ26733		10	<1	0.07	10	0.80	556	1	0.02	18	1050	12	0.11	<2	2	26
ZZ26734		10	<1	0.06	10	0.73	458	1	0.02	21	1000	15	0.09	<2	2	57
ZZ26735		10	1	0.07	10	0.84	433	1	0.01	21	690	13	0.06	2	3	19
ZZ26736		10	<1	0.07	10	0.70	407	1	0.03	23	930	17	0.06	<2	3	143
ZZ26737		10	<1	0.13	10	1.35	535	1	0.04	16	1190	16	0.07	2	5	33
ZZ26738		10	<1	0.17	10	1.03	550	1	0.04	15	910	12	0.08	2	5	32
ZZ26739		10	<1	0.26	10	1.33	473	1	0.03	39	960	10	0.08	<2	4	32
ZZ26740		10	<1	0.27	10	1.00	311	1	0.02	29	860	17	0.08	<2	3	53
ZZ26741		10	<1	0.10	20	0.75	336	2	0.03	25	1310	39	0.03	<2	4	80
ZZ26742		10	<1	0.33	10	1.19	387	1	0.04	32	1310	11	0.02	<2	6	119



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26703		<20	0.16	<10	<10	106	<10	78
ZZ26704		<20	0.24	<10	<10	104	<10	90
ZZ26705		<20	0.25	<10	<10	109	<10	73
ZZ26706		<20	0.25	<10	<10	115	<10	98
ZZ26707		<20	0.20	<10	<10	104	<10	139
ZZ26708		<20	0.15	<10	<10	95	<10	265
ZZ26709		<20	0.14	<10	10	88	<10	273
ZZ26710		<20	0.14	<10	<10	106	<10	105
ZZ26711		<20	0.11	<10	<10	96	<10	55
ZZ26712		<20	0.10	<10	<10	88	<10	56
ZZ26713		<20	0.09	<10	<10	85	<10	71
ZZ26714		<20	0.12	<10	<10	100	<10	71
ZZ26715		<20	0.14	<10	<10	94	<10	74
ZZ26716		<20	0.14	<10	<10	108	<10	120
ZZ26717		<20	0.09	<10	<10	87	<10	64
ZZ26718		<20	0.06	<10	<10	70	<10	53
ZZ26719		<20	0.13	<10	<10	97	<10	76
ZZ26720		20	0.09	<10	10	72	<10	65
ZZ26721		<20	0.08	<10	10	70	<10	105
ZZ26722		20	0.11	<10	10	70	<10	199
ZZ26723		20	0.08	<10	10	68	<10	84
ZZ26724		<20	0.09	<10	<10	87	<10	57
ZZ26725		<20	0.20	<10	10	109	<10	74
ZZ26726		<20	0.08	<10	<10	61	<10	66
ZZ26727		20	0.11	<10	<10	57	<10	43
ZZ26728		<20	0.06	<10	<10	54	<10	145
ZZ26729		<20	0.16	<10	10	77	<10	82
ZZ26730		<20	0.09	<10	<10	69	<10	56
ZZ26731		<20	0.16	<10	<10	121	<10	59
ZZ26732		<20	0.15	<10	<10	92	<10	68
ZZ26733		<20	0.16	<10	<10	134	<10	87
ZZ26734		<20	0.14	<10	<10	99	<10	70
ZZ26735		<20	0.17	<10	<10	116	<10	74
ZZ26736		<20	0.13	<10	<10	89	<10	60
ZZ26737		<20	0.25	<10	<10	123	<10	79
ZZ26738		<20	0.22	<10	<10	135	<10	78
ZZ26739		<20	0.22	<10	<10	97	<10	61
ZZ26740		<20	0.13	<10	<10	94	<10	70
ZZ26741		<20	0.10	<10	<10	77	<10	94
ZZ26742		<20	0.19	<10	<10	103	<10	59



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ26743		0.24	0.004	<0.2	2.36	53	<10	80	0.8	<2	0.61	<0.5	29	165	24	5.87
ZZ26744		0.20	0.003	<0.2	2.64	10	<10	140	0.6	<2	0.38	<0.5	12	72	25	3.65
ZZ26745		0.22	0.003	<0.2	2.94	10	<10	140	0.7	<2	0.37	<0.5	11	50	21	3.15
ZZ26746		0.14	0.002	<0.2	1.72	9	<10	120	0.5	<2	0.54	<0.5	13	57	21	2.80
ZZ26747		0.22	0.003	<0.2	1.83	23	<10	80	0.5	<2	0.18	<0.5	10	60	29	3.27
ZZ26748		0.24	0.003	<0.2	2.56	9	<10	120	0.8	<2	0.43	<0.5	15	51	39	3.46
ZZ26749		0.22	0.002	<0.2	2.84	19	<10	110	0.8	<2	0.15	<0.5	16	199	28	4.35
ZZ26750		0.16	0.005	0.7	2.82	62	<10	150	1.1	4	0.38	1.4	17	90	42	4.43



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CERTIFICATE OF ANALYSIS WH11157700

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ26743		10	1	0.10	10	0.96	358	3	0.04	45	1260	36	0.04	3	4	91
ZZ26744		10	1	0.08	10	0.82	344	1	0.03	27	710	14	0.05	2	3	67
ZZ26745		10	1	0.08	10	0.67	331	1	0.03	22	820	9	0.06	<2	3	117
ZZ26746		10	<1	0.14	10	0.78	300	1	0.04	24	1020	15	0.08	<2	2	94
ZZ26747		10	<1	0.07	10	0.65	262	1	0.02	25	540	16	0.06	<2	2	31
ZZ26748		10	<1	0.23	10	1.12	503	2	0.03	44	830	13	0.03	<2	3	132
ZZ26749		10	<1	0.26	10	1.72	365	2	0.03	64	590	16	0.05	<2	3	18
ZZ26750		10	<1	0.30	10	1.48	1210	2	0.03	44	1270	215	0.10	2	5	41

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



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CERTIFICATE OF ANALYSIS WH11157700

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ26743		<20	0.11	<10	<10	93	<10	38
ZZ26744		<20	0.12	<10	<10	97	<10	57
ZZ26745		<20	0.11	<10	<10	76	<10	52
ZZ26746		<20	0.10	<10	<10	76	<10	49
ZZ26747		<20	0.13	<10	<10	86	<10	55
ZZ26748		<20	0.15	<10	<10	85	<10	62
ZZ26749		<20	0.31	<10	<10	110	<10	60
ZZ26750		<20	0.15	<10	<10	106	<10	1100

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CERTIFICATE OF ANALYSIS WH11157700

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

Statement of Expenditures
OOO 1-68 Mineral Claims
December 7, 2011

Expenses

Capital Helicopters
ALS Chemex

\$10,977.76
28,358.42

Total

\$39,336.18





2°26' 22°48'
Grid north
Magnetic north
Annual change decreasing 22.9'

693000mN

692800mN

692600mN

**CENTRAL RESOURCES CORP.
STRATEGIC METALS LTD.**

FIGURE 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SAMPLE LOCATION
OOO PROPERTY

0 500 1 km
UTM ZONE 7, NAD 83, 115J/08

FILE:....2011/OO/FIGURES/F_5_Property_Location.wor DATE: FEB 2012

095816