

Summary Report
On The
Ion and Dom Claims

Work Period June 4th to September 21st, 2009

Located In
Dawson Mining District
On
NTS 115-O-15
63° 47' Latitude, 138° 50' Longitude

By
Bernie Kreft

October 8, 2009

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Location – The Ion Project is located in the Dawson Mining District on NTS mapsheet 115-O-15 at approximately 63° 47' north and 138° 50' west. The area evaluated is comprised of the ION-1 to 22 claims, and the adjacent Dom claims located in the general vicinity of the peak of Dominion Mountain.

Claim Name	Grant Numbers	Registered Owner	Expiry Date
Ion 1-10	YC75506 to YC75515	Bernard Kreft	2013/07/18 *
Ion 11-22	YC93780 to YC93791	”	as above *
Dom 173	YC31119	KSL Exploration (Yukon) Ltd.	2012/05/25
Dom 175	YC31121	“	“
Dom 177-182	YC31123 to YC31128	“	“
Dom 207-220	YC31153 to YC31166	“	“
Dom 242-250	YC31188 to YC31196	“	“
Dom 276	YC32722	“	“
Dom 278	YC32724	“	“
Dom 280	YC32726	“	“
Dom 282	YC32728	“	“

* pending acceptance of this report by the Dawson Mining Recorder

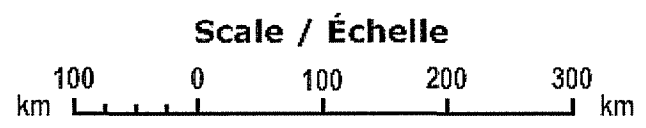
Access – Access was achieved by truck from Dawson, via the Hunker-Sulphur-Upper Gold Run roads, a total distance of about 57 kilometres with a one way traveling time of about 45 minutes. Care should be taken when traveling along the Upper Gold Run road as it is not regularly maintained.

Topography and Vegetation - The property lies within the un-glaciated Klondike Plateau, which is characterized by low rolling hills dissected by deeply incised stream valleys. This region experienced strong surface weathering during the early and mid-Tertiary, as a result, bedrock exposure is extremely limited with the effects of surface weathering extending to depths of as much as 80 metres or more. Overburden and regolithic material averages 2-3 metres in thickness, necessitating the use of mechanized trenching to expose bedrock. Permafrost is widespread on north facing slopes, and sporadically occurs in other areas. Overburden thickness, permafrost, slope gradient and other topographical factors affect the effectiveness of soil sampling. Down slope dispersion is also a common issue, with soil movement of 12-20 metres from source not uncommon on moderate slopes. Although snow cover is mostly gone by mid May, frost does not leave the ground sufficiently for exploration purposes until about mid June, with the exploration season lasting until early October. The property is mostly below tree line, higher elevations are covered by mixed spruce, birch, poplar and brush, with tree cover generally increasing at lower elevations and on south facing slopes, with brush and stunted trees predominating on north facing slopes and in areas of permafrost.

History And Previous Work – Exploration for the source of the placer gold in the Klondike has been of an ebb and flow nature since 1898. Although numerous significant discoveries such as Lone Star and Hunker Dome have been made, the source of the majority of the placer gold remains an enigma likely due to thick overburden, abundant vegetative cover and a variable thickness of regolithic material all conspiring to make historical methods of prospecting of limited use and effect. Discoveries since 2004 (Dysle, Veronika, Gay Gulch, Hunker Dome,

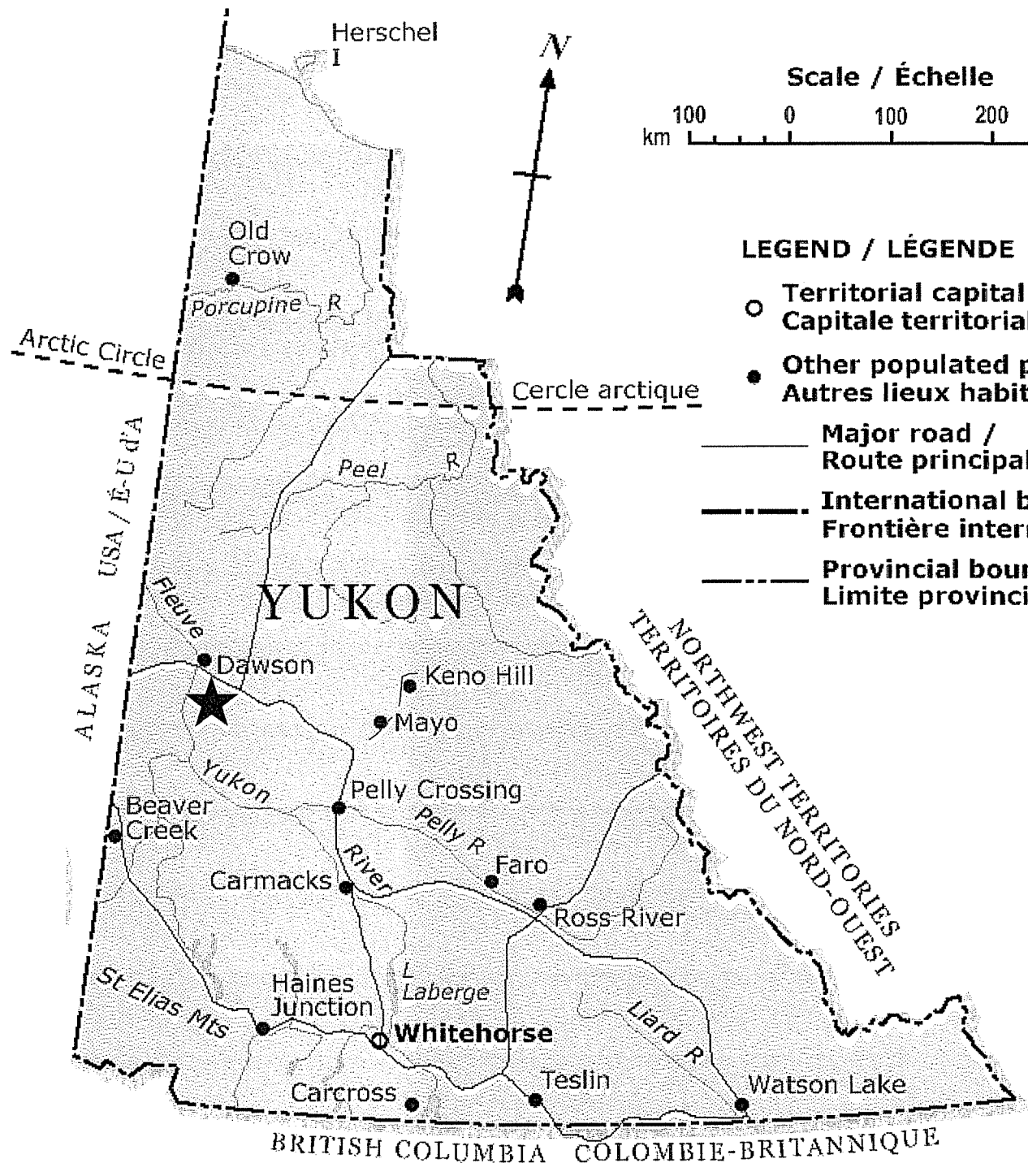
ARCTIC OCEAN
Océan Arctique

Beaufort Sea
Mer de Beaufort



LEGEND / LÉGENDE

- Territorial capital / Capitale territoriale
- Other populated places / Autres lieux habités
- Major road / Route principale
- - - International boundary / Frontière internationale
- - - Provincial boundary / Limite provinciale



Ion Project

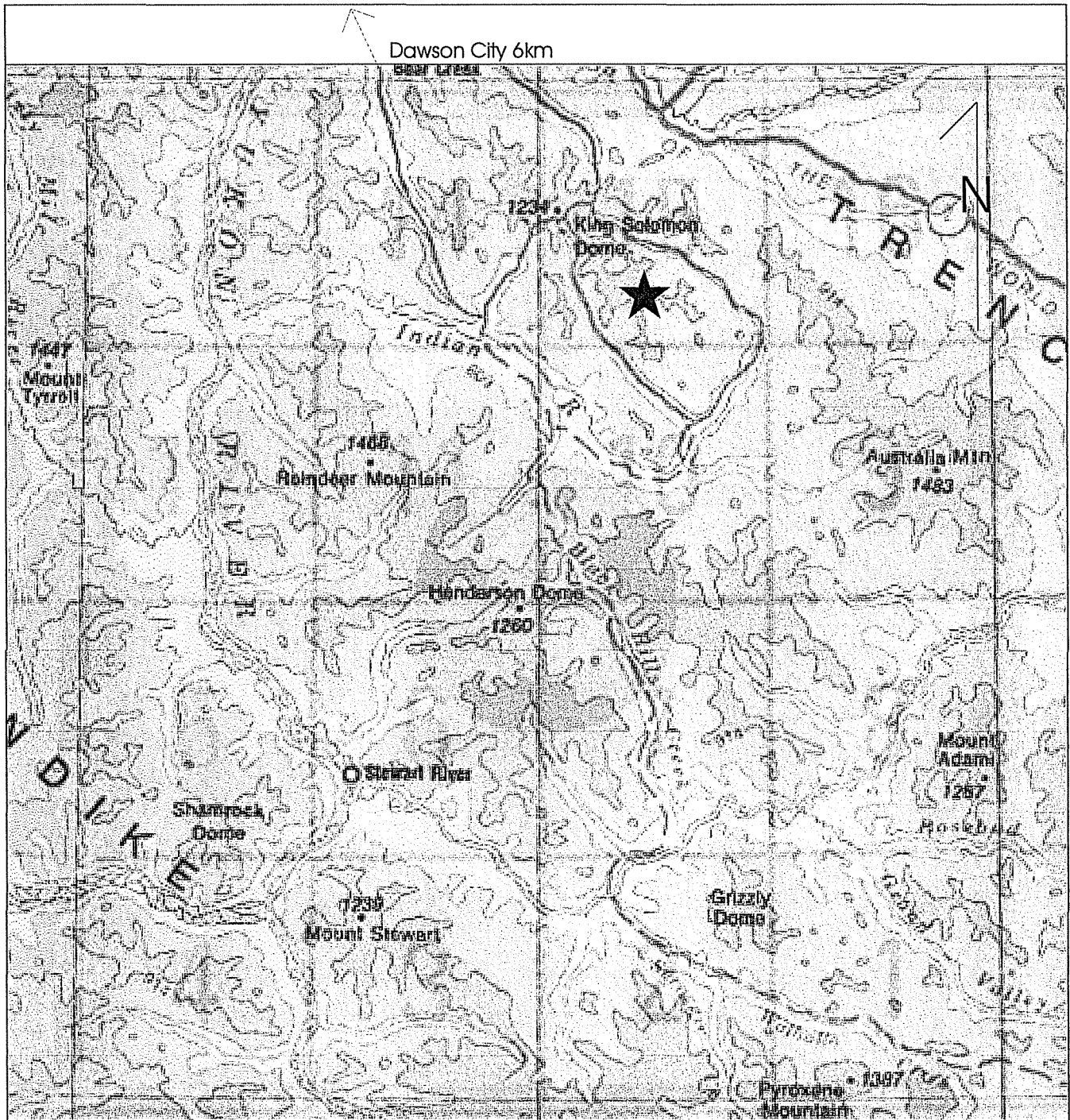


To Accompany: 2009 Ion Report

November 1st, 2009

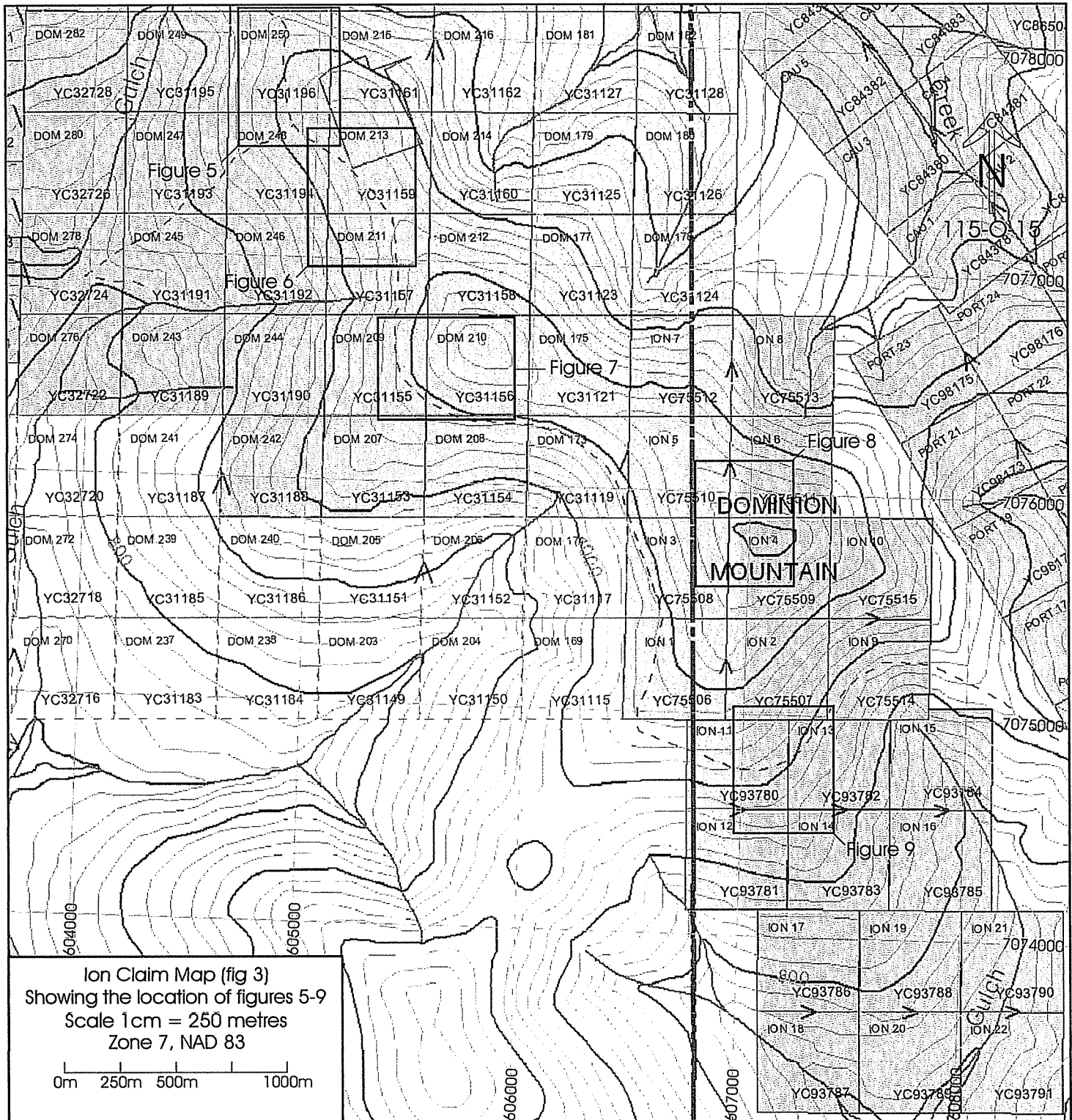
By: Bernie Kreft

Figure 1



Regional Map - Ion Target Evaluation Submission ★
 Fig.2

Scale approx. 1:600,000



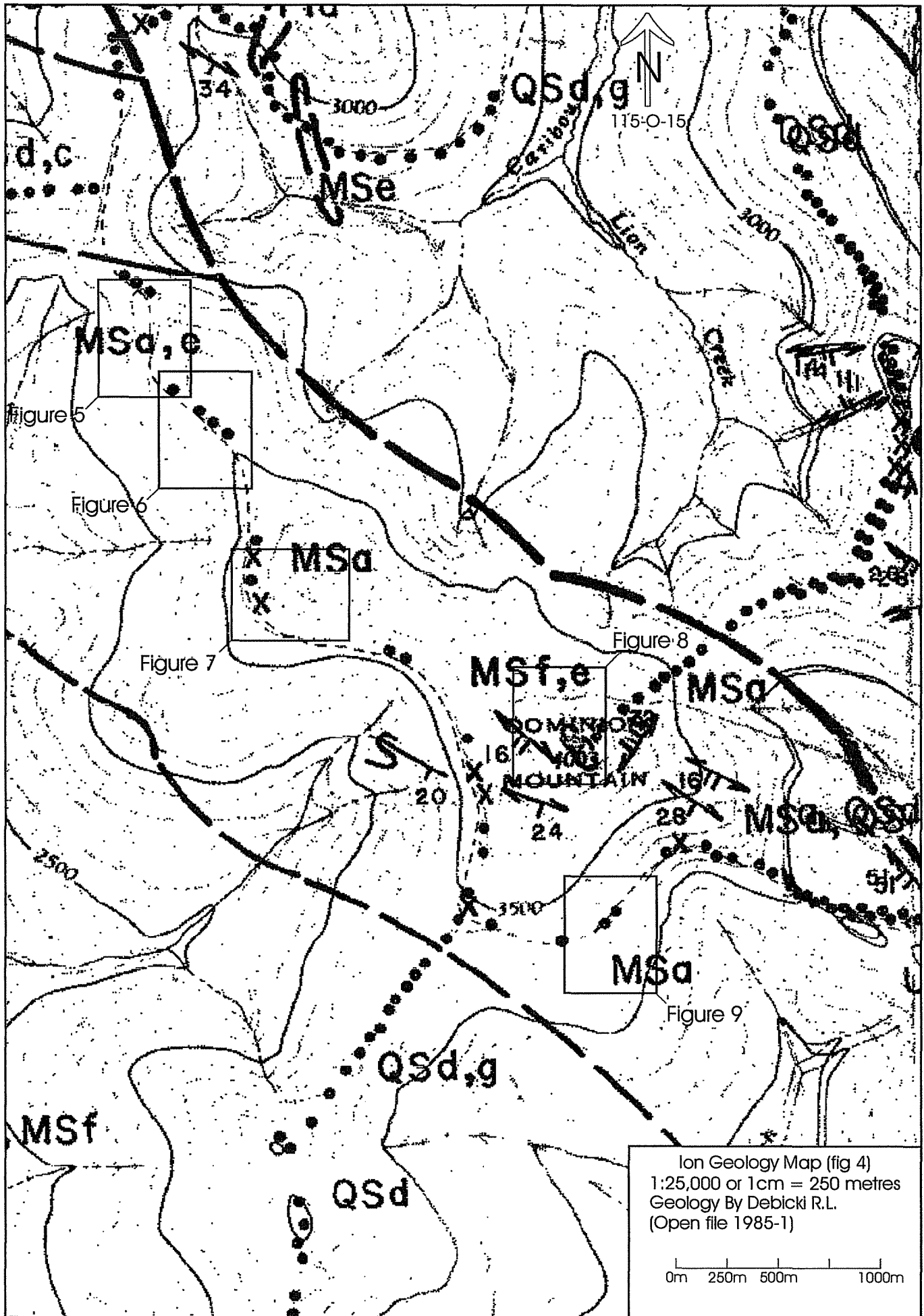
Laskey) have come about through the usage of soil geochemistry in combination with mechanized trenching.

Work during 2005 by the writer at Hunker Dome (Mitchell and Sheba occurrences) involved the use of an excavator to follow up 1980's era soil anomalies ranging in intensity from 21-164 ppb gold. Of the 5 trenches spotted to test these gold in soil anomalies, 4 encountered new mineralized showings with grades of up to 1622 ppb Au and 20.9 ppm Ag over 8.42 metres and areas with individual grab samples up to 60.8 g/t Au, from an area initially defined by a 59 ppb gold soil anomaly. The recent recognition that alteration haloes adjacent to veins often contain gold values equivalent to the vein itself, has significantly added to the potential tonnage that can be developed from what was once thought of as strictly a vein system.

Although hard-rock exploration in the vicinity of the Ion project has likely been conducted since 1898, the first recorded work consists of a soil sampling program conducted by United Keno Hill Mines in 1987. This work, detailed in AR 092600, resulted in the location of a northwest trending gold soil anomaly with values to 603 ppb Au on the northwest flank of Dominion Mountain. During 2008 the author (with support by the YMIP) tested the area with two soil sample lines; one cross-cut the northwest tip of the UKHM soil anomaly while the second line was designed as an 800 metre step-out to the southeast of the south-eastern most extent of the UKHM work. The cross-cut line encountered a 50 metre wide anomalous zone grading from 15-56 ppb Au at the plotted location of the UKHM anomaly. The step-out line encountered a single point value of 79 ppb Au, as well as several supporting values in the 10-20 ppb Au range. Geology, based on rock fragments from soil pits due to a lack of outcrop, consists of variably limonitic weakly pyritized and carbonate altered chlorite schist. It is thought that the anomalous soil sample sites at the Ion Project represent the surface trace of a regionally extensive thrust parallel gold bearing zone hosted by chlorite schist located within the hanging-wall of a regional scale thrust fault. This zone extends from the Aime prospect on lower Gold Run Creek through the Ion Project and onto the historical zones located at the headwaters of Green Gulch, for a total distance of at least 22 kilometres.

Geology – The property is situated on the southwest side of the Tintina Fault, within Yukon Tanana Terrane strata. The Y.T.T. has proven to be an under-explored, yet highly prospective belt of rocks, as witnessed by the recent significant discoveries at Underworld, Wolverine, Kudz Ze Kayah and Pogo. The potential for Pogo and Underworld type occurrences (along with other bulk-tonnage gold targets) has been recognized in the Yukon portion of the Y.T.T., with the area south and west of Dawson receiving considerable attention during 1993-2009 from numerous companies, including Newmont, Teck, Kennecott and Phelps Dodge as well as a plethora of junior exploration companies. This area is part of the Tintina Gold Belt.

The property is located in the hanging-wall of a south-west dipping thrust fault roughly paralleling Sulphur Creek. The property overlies a mixed sequence of chlorite-quartz +/- sericite +/- muscovite +/- biotite schist with rare coarse grained amphibolite interbeds. Lithological variations occur on a scale of metres to tens of metres and are a product of differences in original rock-type and differences in alteration.



LEGEND

LATE CRÉTACEOUS TO EARLY TERTIARY

Felsic intrusive and volcanic rocks

FI	Fla	light coloured quartz-feldspar rhyolite porphyry and rhyolite
	Flb	tan coloured latite and biotite-quartz latite porphyry
	Flc	latitic lapilli tuff
	Fl d	monolithic rhyolite
	Fl e	heterolithic rhyolite breccia
	Fl f	layered rhyolitic lapilli tuff

Intermediate intrusive and volcanic rocks, and associated sedimentary rocks

II	IIa	massive dark grey weathering intrusive andesite
	IIb	massive chocolate brown weathering extrusive andesite
	IIc	andesitic lapilli tuff
	IId	siltstone, greywacke, and conglomerate
	IIe	tan coloured dacite and amphibole-feldspar latite porphyry

EARLY CRÉTACEOUS AND / OR OLDER

Diabase dykes

DD	DD	dark brown diabase
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TRIASSIC OR OLDER

Rocks of varying metamorphic grade and degree and style of deformation

Felsic plutonic rocks

FP,QS	FPa	foliated equigranular biotite granodiorite
	FPb	foliated coarse grained granodiorite
	QSa	blocky weathering light grey to pinkish feldspar-quartz schist
	QSh	pink and green banded muscovite-feldspar-quartz gneiss
	FPc	porphyritic quartz monzonite and augen gneiss
	FPd	foliated fine to coarse grained quartz monzonite

Intermediate plutonic rocks

IP	IPa	weakly foliated chlorite metadiorite
	IPb	strongly foliated chlorite metadiorite

Mafic plutonic rocks

MP	MPa	weakly foliated amphibolite
	MPb	strongly foliated amphibolite

Quartzofeldspathic schistose rocks

QS	QSa	buff to pale green weathering well foliated muscovite-feldspar-quartz schist with quartz and feldspar porphyroclasts, and lithic fragments
	QSc	buff weathering well foliated muscovite-feldspar-quartz schist with quartz porphyroclasts
	QSe	buff weathering well foliated muscovite-feldspar-quartz schist
	QSe	light green weathering hornblende/muscovite-feldspar-quartz schist
	QSe	silvery grey weathering sericite-quartz schist
	QSe	buff to khaki weathering massive muscovite-feldspar-quartz cataclastite
	QSi	white to dark grey weathering well foliated feldspar-quartz mylonite with or without quartz porphyroblasts
	QSi	muscovite-quartz schist with more than 5% garnet, and with or without chlorite
	QSk	biotite-quartz schist, with or without calcite
	QSl	quartzite
	QSm	kyanite-garnet-muscovite-quartz schist

Carbonaceous rocks

CS	CSa	massive to foliated dark grey to black carbonaceous quartzite and muscovite-quartz schist
	CSb	black carbonaceous marble and carbonaceous muscovite-quartz-calcite schist
	CSc	muscovite-feldspar-quartz schist with carbonaceous wisps
	CSd	silty carbonaceous schist with mafic tuffaceous component

MB	Marble	
	MBa	cream and grey banded marble; with or without minor quartz, muscovite, and garnet
	MBb	massive cream to light grey marble
	MBc	marble with more than 5% garnets
	MBd	grey to dark grey muscovite-quartz-calcite schist, with or without garnet

MV	Mafic metavolcanic rocks	
	MVa	andesitic tuff to tuff breccia
	MVb	massive andesitic greenstone
	MVc	foliated andesitic greenstone

MS	Mafic schistose rocks	
	MSa	light to medium green and buff weathering chlorite-quartz schist
	MSb	dark green weathering chlorite schist
	MSc	silvery green weathering actinolite-chlorite schist
	MSd	grey-brown weathering quartz-amphibole schist
	MSe	light to medium green and buff weathering calcareous chlorite-quartz schist; calcite may be disseminated, in thin layers, or as small pink blebs
	MSf	silvery green weathering muscovite-chlorite-quartz schist with bluish quartz porphyroclasts
	MSg	garnet-feldspar-chlorite schist
	MSH	garnet-feldspar-amphibole schist
	MSi	mottled green and black biotite-epidote schist

UM	Ultramafic rocks	
	UMa	massive dark green serpentinite
	UMB	foliated dark green serpentinite
	UMc	foliated weakly altered serpentinite with or without chrysotile
	UMd	foliated strongly altered serpentinite, including talc schist and listwanite
	UMe	coarsely crystalline rusty weathering white marble

SYMBOLS

• x ○	rock in rubble piles, felsenmeer and soil; small outcrop; area of outcrop.
—	geological boundary
—	f ₂ event thrust fault
—	f ₃ event thrust fault
~~~~~	fault or lineament
— DD	dyke.
x / \	bedding, top unknown (horizontal, inclined, vertical).
x / \	foliation (f ₁ or indeterminate) (horizontal, inclined, vertical).
# / \	foliation (apparent f ₂ ) (horizontal, inclined, vertical).
# / \	foliation (apparent f ₃ ) (horizontal, inclined, vertical).
—	lineation
Z Z Z	axial plane of small scale folds (inclined, vertical, with plunging fold axis).
x / \	joint (horizontal, inclined, vertical).
Au ⁹	mineral occurrence (see list of occurrences).

Geology by R.L. Debicki and G. Baldwin, 1984.

It is recommended that reference to this report be made in the following form:

Debicki, R.L. 1985. Bedrock geology and mineralization of the Klondike Area (east), 1150-9, 10, 11, 14, 15, 16, and 116B-2, Exploration and Geological Services Division Yukon; Indian and Northern Affairs Canada, Open File 1: 50,000 scale map with marginal notes.

Two main types of quartz veins are common on the property: foliaform and discordant. Foliaform veins are discontinuous along strike, and range up to 0.3m in thickness. No gold values, visible sulphides or evidence of alteration have been noted in, or associated with, this type of veining. Discordant veins are north to north-west trending, generally vertical, and cross-cut schistosity. They are typically 2 to 20 centimetres in width and occasionally anomalous in gold with values of up to 5.48 ppm Au over 18 centimetres in Trench #7. Veins are commonly limonitized and often contain trace amounts of pyrite. Pyritized, carbonatized, silicified and sericitized alteration zones adjacent to these quartz veins are occasionally weakly anomalous in gold, with a chip sample of weakly pyritized and carbonate altered quartz sericite schist from Trench #2, with no apparent veining, yielding 113 ppb Au over 0.9m. Weak fuchsite alteration was noted in schist within Trench #1. Alteration is discernible for up to 2.0 metres from the margins of single veins, while in areas where several parallel veins occur, semi-continuous alteration zones about 8.0 metres wide have been noted (Trench #7).

**Current Work And Results** – The 2009 work program consisted of prospecting and soil sampling followed by excavator trenching with exposed bedrock chip, channel or grab sampled. The soil sampling and prospecting was designed to further define and extend anomalous zones located during the 2008 season as well as to assess untested areas of the property. Trenching was completed to expose bedrock for sampling in the vicinity of anomalous soil sample sites. Analysis was completed by Chemex Labs, with all samples subjected to a 30g fire assay for gold with normal screening and sample prep procedures. Some soil samples were subjected to a multi-element ICP package (ME-ICP41).

A total of 142 soil samples were taken at intervals ranging from 12.5 metres to 50 metres from irregularly spaced lines. Samples were taken from the C horizon, which was generally found at 50 to 90 centimetres in depth, using hand held augers. Sample sites were marked in the field using flagging inscribed with the sample code, with material placed in industry standard soil sample envelopes.

Samples were taken along lines oriented approximately east-west, in an effort to intersect the predominant vein trend of the district (approximately north-south). Soil sampling encountered numerous anomalies which although often lacking good continuity between adjacent lines, were thought to be significant enough to justify further evaluation consisting of excavator trenching. Soil sampling and prospecting results will be discussed below on an individual line by line basis starting from the most northerly line and progressing south.

Line # 1 was located near the northern boundary of the property and extended across the access road. Initial sampling was conducted at 25 metre intervals with a total of 5 samples taken, yielding a high of 27 ppb Au. Subsequent fill-in at 12.5 metre intervals returned a high of 108 ppb Au east of the previous high value. Three samples consisting of weakly pyritized and iron-carbonate altered rock with occasional quartz veining, gathered from the road bed, returned a maximum of 111 ppb Au. Trench 7 was excavated to expose bedrock in this area.

Line # 2 was located approximately 150 metres south of Line # 1 and extended across the access

road. A total of 5 soil samples at 25 metre intervals, and one rock sample, were taken at this site. The soil samples were only weakly anomalous with a maximum value of 16 ppb Au. The rock sample (taken from the road bed) returned 76 ppb Au from fragments of schist cut by a quartz stringer with weak iron-carbonate alteration and pyritization adjacent to the vein.

Line # 3 was located approximately 250 metres south of Line # 2 and extended across the access road. A total of 12 soil samples at 25 metre intervals were taken from this line. A maximum value of 26 ppb Au was returned from near the east end of the line, just west of the main ridge crest.

Line # 4 was located approximately 250 metres south of Line # 3 and extended across the access road. A total of 8 soil samples at 25 metre intervals were taken from this line in an attempt to test potential for northerly extensions of the anomalous zone encountered on Line # 5. A maximum value of 58 ppb Au along with 136 ppm Cu and 200 ppm Zn was returned from a sample near the east end of the line.

Line # 5 was located approximately 50 metres south of Line # 4 and extended across the access road. Initial sampling was conducted at 25 metre intervals with a total of 9 samples taken, yielding highs of 141 ppb Au along with 117 ppm Cu and 115 ppb Au along with 74 ppm Cu. Subsequent fill-in totalling 4 samples narrowed the sample spacing to 12.5 metre intervals in the area of interest and returned a high of 11 ppb Au west (downhill) of the previous 141 ppb Au sample site. Trench 5, located on the downhill side of the road and Trench 6 located on the uphill side of the road were excavated to expose bedrock in the vicinity of these anomalous sites.

Line # 6 was located approximately 50 metres south of Line # 5 and extended across the access road. A total of 8 soil samples at 25 metre intervals were taken from this line in an attempt to test potential for southerly extensions of the anomalous zone encountered on Line # 5. A maximum value of 64 ppb Au along with 94 ppm Cu and 116 ppm Zn was returned from a sample near the central portion of the line.

Line # 7 was located approximately 50 metres south of Line # 6 and extended across the access road. A total of 8 soil samples at 25 metre intervals were taken from this line in an attempt to test potential for southerly extensions of the anomalous zone encountered on Line # 5. Two anomalous areas were encountered by this line. Near the western (downhill) end of the line, maximum values of 67 ppb Au along with 142 ppm Cu and 200 ppm Zn were returned from two samples, while a value of 41 ppb Au was returned from a sample near the east end of the line. Trench 3, located near the east end of the line and Trench 4 located near the west end of the line were spotted to test these anomalies.

Line # 8 was located approximately 75 metres south of Line # 7 and extended across the access road. A total of 6 soil samples at 25 metre intervals were taken from this line in an attempt to test potential for southerly extensions of the anomalous zone encountered on Line # 5. A maximum value of 28 ppb Au was returned from near the west end of this line.

Line # 9 was located approximately 50 metres south of Line # 8 and extended across the access road. A total of 7 soil samples at 25 metre intervals were taken from this line in an attempt to test potential for southerly extensions of the anomalous zone encountered on Line # 5. A maximum value of 17 ppb Au was returned from near the west end of this line.

Line # 10 was located approximately 100 metres south of Line # 9 and extended across the access road. A total of 8 soil samples at 25 metre intervals were taken from this line in an attempt to test potential for southerly extensions of the anomalous zone encountered on Line # 5. A maximum value of 9 ppb Au was returned from near the centre of this line.

Line # 11 was located approximately 700 metres south of Line # 10 and extended across the access road. A total of 14 soil samples at 50 metre intervals were taken from this line. A maximum value of 14 ppb Au, 85 ppm Cu and 171 ppm Zn was returned from a sample near the west end of this line.

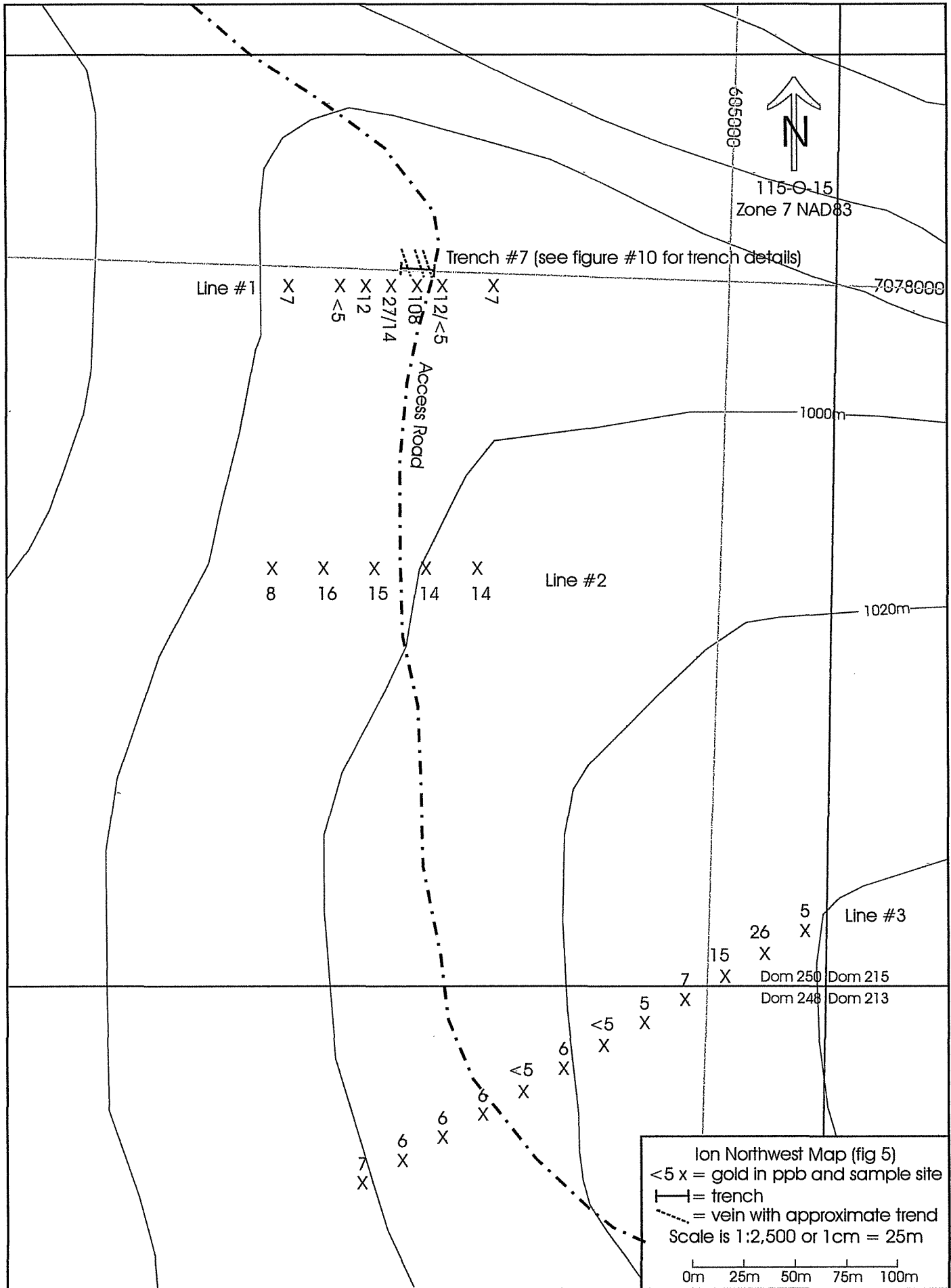
Line # 12 was located approximately 1100 metres south-east of Line # 11, at the ridge crest approximately 350 metres east of the access road. A total of 7 soil samples at 25 metre intervals were taken from this line in an attempt to test for northerly extensions to the anomalous zone encountered during 2008 fieldwork (sample DM8S-01: 38 ppb Au). A maximum value of 17 ppb Au was returned from a sample near the centre of this line.

Line # 13 was located approximately 200 metres south of Line # 12, on the ridge crest just to the north-west of the peak of Dominion Mountain. A total of 11 samples at 25 metre intervals were taken from this line in an attempt to test for southerly extensions to the 2008 anomalous site. A maximum value of 108 ppb Au was returned from the west-central portion of this line. Trench 2 was spotted to test this anomaly.

Line # 14 was located approximately 50 metres south of Line # 13, and extended across the peak of Dominion Mountain. A total of 9 samples at 25 metre intervals were taken from this line in an attempt to test for southerly extensions to the 2008 anomalous site. A maximum value of 19 ppb Au was returned from the east-central portion of this line.

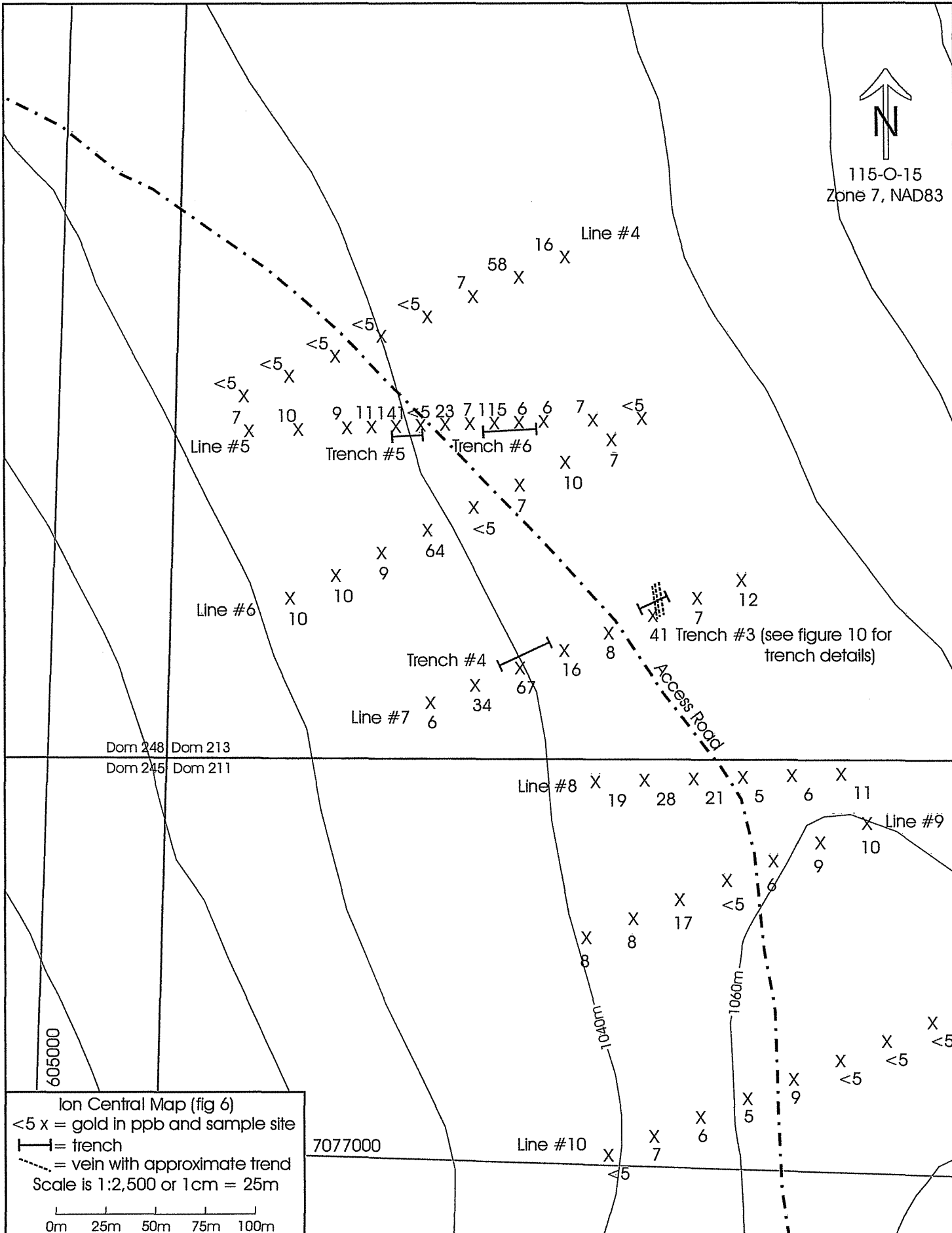
Line # 15 was located approximately 900 metres south of Line # 14, roughly paralleling the access road and approximately 100 metres north of it. A total of 7 samples at 25 metre intervals were taken from this line in an attempt to test for northerly extensions to an anomalous site located during 2008 fieldwork (IONS-32; 79 ppb Au). A maximum value of 17 ppb was returned from the central portion of this line.

Line # 16 was located approximately 150 metres south of Line # 15, roughly paralleling the access road and approximately 50 metres south of it. A total of 9 samples at 25 metre intervals were taken from this line in an attempt to test for southerly extensions to an anomalous site located during 2008 fieldwork (IONS-32; 79 ppb Au). A maximum value of 15 ppb was returned from the central portion of this line.



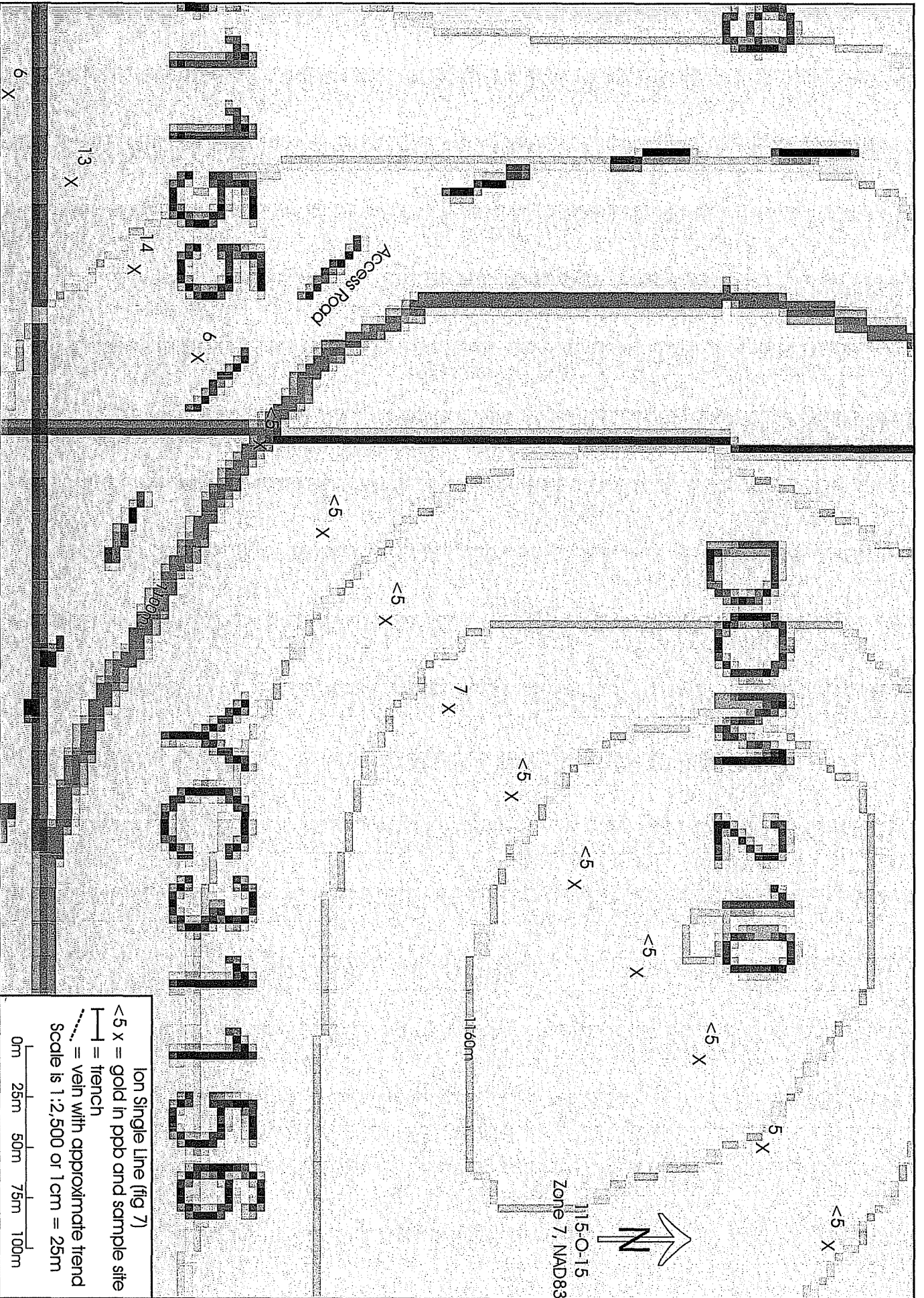


115-O-15  
Zone 7, NAD83



Ion Central Map (fig 6)  
<5 x = gold in ppb and sample site  
—|— = trench  
- - - = vein with approximate trend  
Scale is 1:2,500 or 1 cm = 25m

0m 25m 50m 75m 100m



Ion Single Line (fig 7)  
 <5 x = gold in ppb and sample site  
 — = trench  
 - - - = vein with approximate trend  
 Scale is 1:2,500 or 1cm = 25m  
 0m 25m 50m 75m 100m

115-O-15  
Zone 7, NAD83





Trenching consisted of a total of 7 trenches with an aggregate length of 139.2 metres and depths ranging from 1.6 metres at Trench # 3 to 4.5 metres in Trench # 5. Trenching was completed using a Hitachi ZX200 excavator equipped with a 42 inch toothed digging bucket. Frost was encountered in Trench # 2, but although significantly slowing the trench construction, it was not an absolute limiting factor as the trench was able to reach fresh bedrock. Exposed bedrock was channel or grab sampled as required, with select samples taken of discordant veins exposed in trenches 2 and 7. Sampling was completed in an east to west direction except in the case of select samples. All trenches were backfilled, with moss and other organic material spread over the backfilled trenches. All standing vegetation destroyed or severely damaged during trench construction was cut, bucked and scattered over the reclaimed trenches.

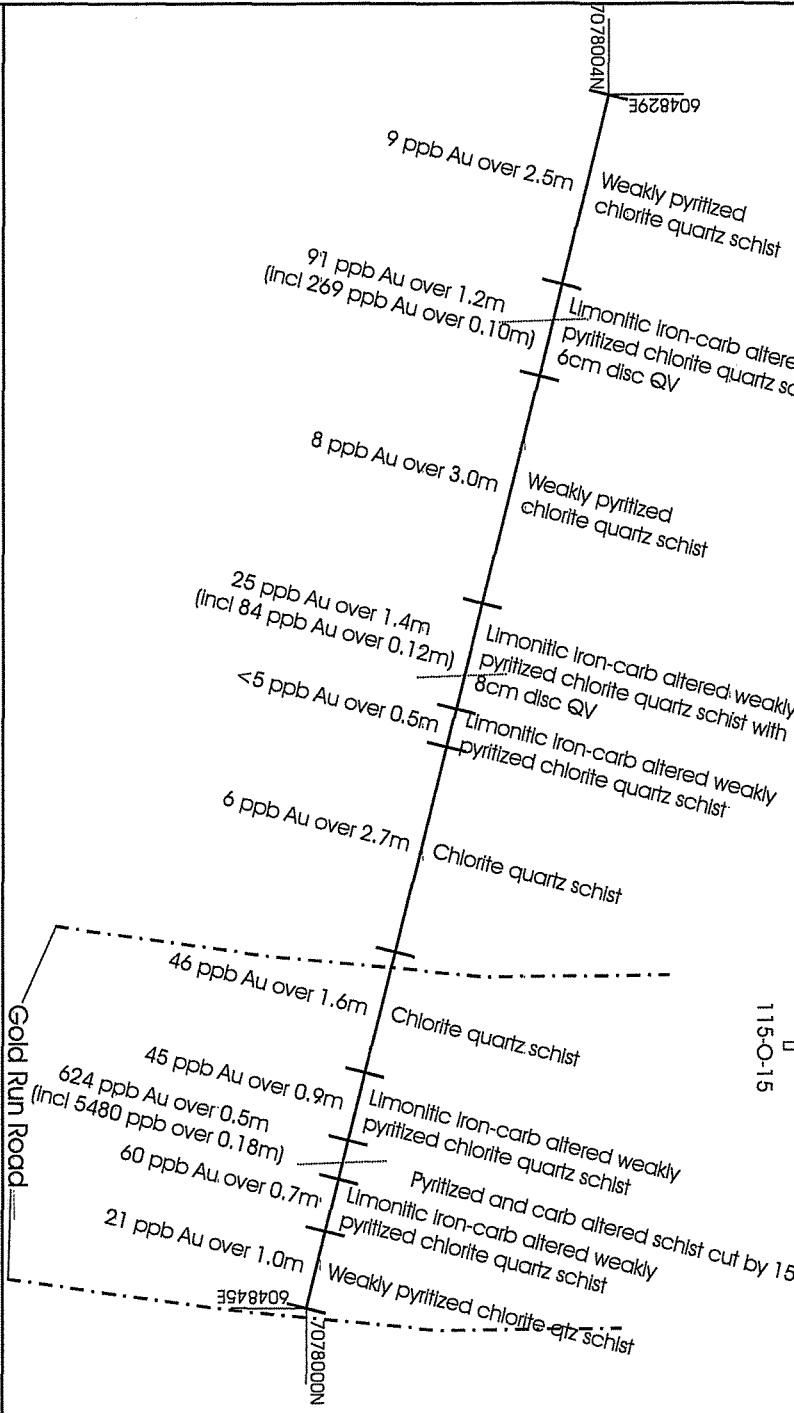
Trench Code	UTM East	UTM North	Length	Target	Samples	Best Result
BKIOT1	607295	7074893	9.3m	79 ppb soil	9	0.113 ppm Au over 0.9m
BKIOT2	606940	7075886	25.5m	108 ppb soil	16	0.113 ppm Au grab
BKIOT3	605310	7077276	18.3m	41 ppb soil	4	2.38 ppm Au over 1.3m
BKIOT4	605243	7077250	27.8m	67 ppb soil	14	0.047 ppm Au grab
BKIOT5	605183	7077361	15.4m	141 ppb soil	12	0.085 ppm Au over 0.8m
BKIOT6	605210	7077385	26.9m	115 ppb soil	11	0.071 ppm Au over 1.7m
BKIOT7	604837	7078002	16.0m	108 ppb soil	14	5.48 ppm Au over 0.15m

Trench BKIOT-1 was located adjacent to the north side of the access road, approximately 1.0km south of the peak of Dominion Mountain and was constructed to expose bedrock at the site of a 2008 soil sample that returned 79 ppb gold. A total of 8 channel samples and 1 grab sample were collected from this site. Bedrock consists of chlorite muscovite quartz schist with patchy iron-carbonate alteration. Several foliaform veins were encountered, but no definitive discordant veining was noted. The best result was 0.113 ppm over 0.9m from a sample of chlorite muscovite quartz schist with patchy iron-carbonate alteration and minor disseminated pyrite. A select grab sample of possible mariposite altered schist from within this anomalous section returned 0.153 ppm Au.

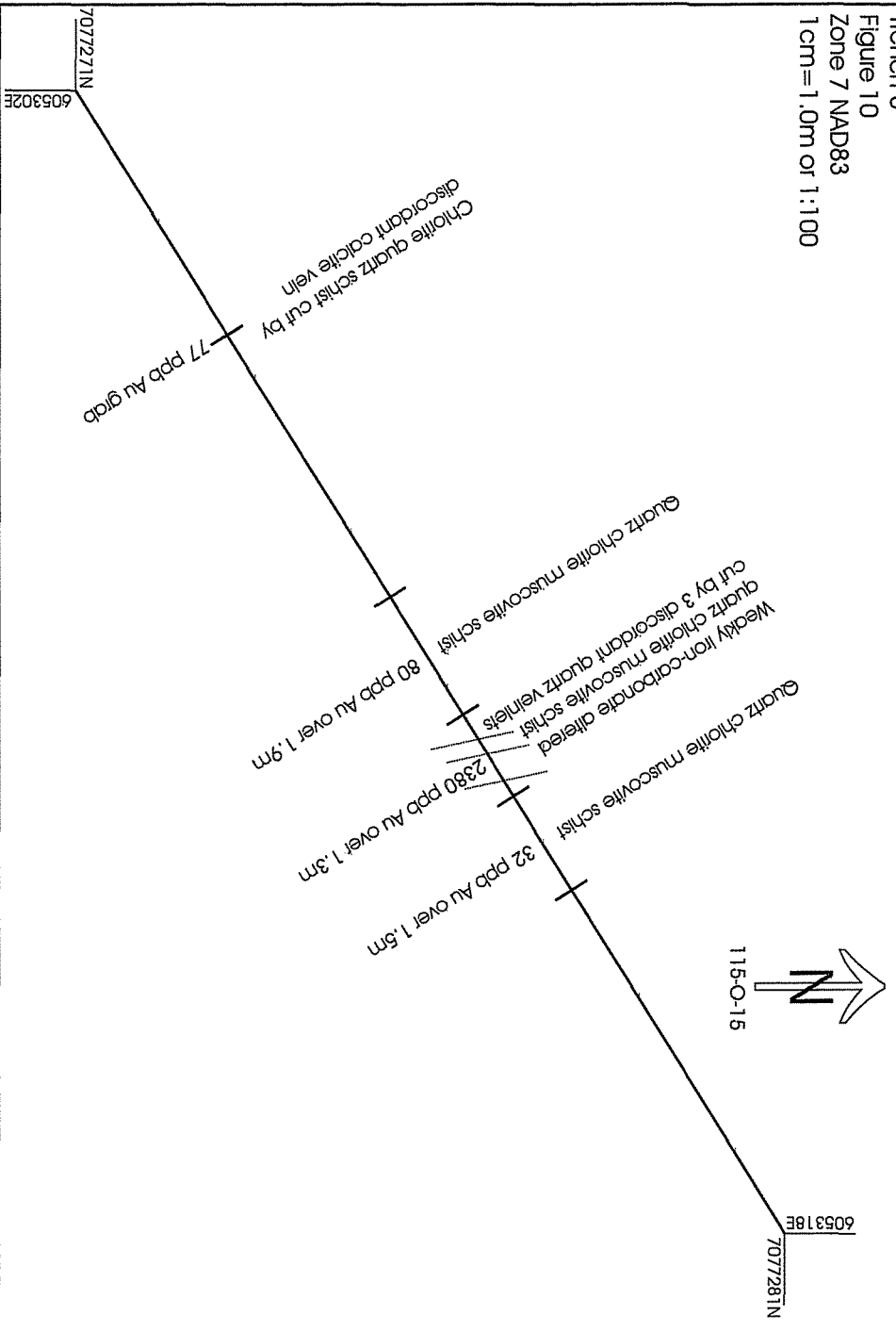
Trench BKIOT-2 was located just to the NW of the peak of Dominion Mountain, and was constructed to expose bedrock at the site of a 2009 soil sample that returned 108 ppb gold. A total of 14 channel samples and 2 grab samples were collected from this site. Bedrock consists of biotite quartz chlorite schist with patchy iron carbonate alteration and weak but pervasive pyritization. Several foliaform veins were encountered, as well as at least three discordant veins up to 1.6 metres in width. The best result was 0.113 ppm Au from a grab sample of rusty, weakly pyritized, quartz sericite schist (with no obvious veining) located in the trench wall.

Trench BKIOT-3 was located east of the access road at the headwaters of the left fork of Friday Gulch, and was constructed to expose bedrock at the site of 2009 soil sample that returned 41 ppb gold. A total of 3 channel samples and 1 representative grab sample were collected from this site. Bedrock consists of quartz chlorite muscovite schist. A 1.3 metre interval of weakly iron-carbonate altered quartz chlorite muscovite schist with 3 discordant quartz veinlets returned a program best (grade and width) value of 2.38 ppm Au. High background gold values up to 80 ppb Au were returned from the remainder of samples taken from this trench. See figure 10 for trench details.

Trench 7  
Figure 10  
Zone 7 NAD83  
1cm = 1.0m or 1:100



Trench 3  
Figure 10  
Zone 7 NAD83  
1cm = 1.0m or 1:100



Trench BKIOT-4 was located west of the access road at the headwaters of the left fork of Friday Gulch, and was constructed to expose bedrock at the site of 2009 soil sample that returned 67 ppb gold. A total of 14 representative grab samples were collected from this site. Bedrock consists of chlorite to chlorite quartz muscovite schist with no obvious veining, alteration or mineralization. The peak rock sample value was 47 ppb Au.

Trench BKIOT-5 was located west of the access road at the headwaters of the left fork of Friday Gulch, and was constructed to expose bedrock at the site of 2009 soil sample that returned 141 ppb gold. A total of 12 channel samples were collected from this site. Bedrock consists of biotite chlorite quartz schist with weak carbonate alteration, limonite and pyrite localized along bedding planes and horizons. The peak rock sample value was 85 ppb Au over 0.8 metres. No obvious veining was noted at this site and it is thought that the anomalous gold in soil value is related to traces of chalcopyrite mineralization associated with the bedding related alteration and mineralization.

Trench BKIOT-6 was located east of the access road at the headwaters at the left fork of Friday Gulch, and was constructed to expose bedrock at the site of 2009 soil sample that returned 115 ppb gold. A total of 11 channel samples were collected from this site. Bedrock consists of variably sheared and weakly carbonate altered chlorite muscovite quartz schist. Traces of disseminated pyrite and possibly chalcopyrite were noted associated with occasional calcite blebs. The peak rock sample value was 85 ppb Au over 0.8 metres. No obvious discordant veining was noted at this site and it is thought that the anomalous gold in soil value is related to traces of chalcopyrite mineralization associated with the bedding related alteration and mineralization.

Trench BKIOT-7 was located at, and west of the access road, at the headwaters of Meadow Gulch, and was constructed to expose bedrock at the site of a 2009 soil sample that returned 108 ppb gold. A total of 11 channel samples and 3 grab samples were collected from this site. Bedrock consists of limonitic and weakly iron-carbonate altered variably pyritized chlorite quartz schist. A total of 3 discordant veins up to 15 centimetres in width were encountered. A 0.5 metre channel sample across a 15 centimetre discordant vein and associated pyritized and iron-carbonate altered wallrock returned 0.624 ppm gold, while a grab sample of the same vein, and only limited wallrock, returned a program high value of 5.48 ppm Au over 0.18 metres. See figure 10 for trench details.

**Conclusions** – Assay results from bedrock samples collected during the trenching program were generally lower than expected based on values returned from the soil sampling and experiences in the district trenching gold in soil anomalies of similar tenor. The best grade plus width bedrock gold value was returned from the lowest gold in soil value (41 ppb Au) trenched. Bedrock samples from the trench spotted on the highest gold in soil value (141 ppb Au) were somewhat lower than the soil value. Topographical variations have an obvious effect on soil geochemistry results, and suggest that soil samples should be assessed on a line by line basis, or be sorted according to topography, as opposed to lumping everything together.

Given a north trending and slightly westerly dipping vein system, the surface trace of the gold anomalous vein and associated wallrock alteration encountered by Trench #7 is inferred to lie just to the east of soil lines 2 and 3. Given a similar strike and dip for the veins encountered by Trench #3, their northerly extent is inferred to lie to the east of soil lines 6, 5 and 4 and to line up with the south extent of veining from Trench #7. Increasing overburden thickness and slope steepness are the likely reasons for only low gold in soil values along strike to the south of Trench #3. Results to date indicate at least 900 metres of potential strike length for the Ion vein system, given that only a small portion of this length has been tested, and that it remains fully open for strike and depth expansion, further work is recommended.

**Recommendations** – Further work is recommended to test the strike extent of the vein structures located by trenches BKIOT-3 and BKIOT-7. This work should focus on the area between these two trenches, and consist of extending lines 2, 3, 4 and 5 to the east as well as adding a few in-fill lines. Assuming positive results, this work should be followed by a small excavator trenching program of anomalous sites, as well as further soil sampling along strike to the south of Trench 3.

Sample	Type	Wei	Au ppm	Int.	Description
BKIOR09-1	Rock	0.52	0.009	grab	iron carbonate altered and weakly pyritized schist
BKIOR09-2	Rock	0.16	0.111	grab	as above with a hairline quartz vein
BKIOR09-3	Rock	0.16	0.076	grab	as above
BKIOR09-4	Rock	0.26	0.006	grab	chlorite schist with weak carbonate alteration
BKIOR09-5	Rock	0.3	< 0.005	grab	plain chlorite schist
BKIOR09-6	Rock	0.06	0.027	grab	small fragments of rusty chlorite schist
BKIOR09-7	Rock	0.8	< 0.005	grab	plain chlorite schist with trace diss pyrite
BKIOR09-8	Rock	0.08	< 0.005	grab	small fragments of rusty schist with hairline QV
BKIOR09-9	Rock	0.44	< 0.005	grab	large quartz block
BKIOT1-01	Rock	1.64	0.015	1.8m	chlorite-musc-qtz schist with patchy iron-carb alt.
BKIOT1-02	Rock	2.1	0.113	0.9m	as above with trace diss pyrite
BKIOT1-03	Rock	1.18	0.009	0.5m	as per BKIOT1-01
BKIOT1-04	Rock	2.02	0.02	1.0m	as per BKIOT1-02 with several qtz boudins
BKIOT1-05	Rock	2.3	0.021	1.6m	as above sheared
BKIOT1-06	Rock	0.1	0.153	grab	possibly mariposite alteration from BKIOT1-02
BKIOT1-07	Rock	1.72	0.021	1.1m	as per BKIOT1-02 with several qtz boudins
BKIOT1-08	Rock	1.68	0.026	1.0m	chlorite-musc-qtz schist with patchy iron-carb alt.
BKIOT1-09	Rock	1.78	0.013	1.4m	chlorite-musc-qtz schist with patchy iron-carb alt.
BKIOT2-01	Rock	1.4	0.013	1.7m	chlorite biotite qtz schist with weak carb alt and 0.5% diss py
BKIOT2-02	Rock	1.96	< 0.005	1.9m	as above with a 1cm discordant quartz vein
BKIOT2-03	Rock	1.22	< 0.005	1.6m	biotite qtz chlorite schist with patchy carb alt and 0.8% diss py
BKIOT2-04	Rock	1.72	< 0.005	2.3m	as above
BKIOT2-05	Rock	1.66	< 0.005	2.9m	as above
BKIOT2-06	Rock	2.04	0.016	2.1m	as above with limonitic horizons
BKIOT2-07	Rock	1.92	0.018	2.2m	as above with several qtz boudins
BKIOT2-08	Rock	1.14	0.009	2.3m	as above
BKIOT2-09	Rock	1.32	0.018	0.9m	biotite qtz chlorite schist with iron carb alt and 0.6% diss py
BKIOT2-10	Rock	1.24	0.008	0.7m	limonitic discordant qtz vein with trace diss pyrite
BKIOT2-11	Rock	1.12	0.009	0.8m	as above
BKIOT2-12	Rock	2.14	0.05	1.8m	biotite qtz chlorite schist with iron carb alt and 0.6% diss py
BKIOT2-13	Rock	2.4	0.009	2.0m	1.6m wide limonitic discordant qtz vein with alteration selvages
BKIOT2-14	Rock	0.52	0.008	grab	rusty weakly pyritized quartz sericite schist at BKIOT2-08
BKIOT2-15	Rock	1.46	0.009	2.3m	biotite qtz chlorite schist with patchy carb alt and 0.1% diss py
BKIOT2-16	Rock	0.92	0.113	grab	rusty weakly pyritized quartz sericite schist in trench wall at BKIOT2-02
BKIOT3-01	Rock	1.34	0.032	1.5m	qtz chlorite muscovite schist
BKIOT3-02	Rock	2.06	2.38	1.3m	weakly iron-carb alt qtz chlorite musc schist with 3 discordant qtz veins
BKIOT3-03	Rock	1.9	0.08	1.9m	qtz chlorite muscovite schist
BKIOT3-04	Rock	0.88	0.077	grab	chlorite qtz schist with discordant calcite vein
BKIOT4-01	Rock	1.34	0.005	grab	sheared chlorite schist with calcite along bedding planes
BKIOT4-02	Rock	1.24	0.033	grab	chlorite qtz muscovite schist with calcite along bedding planes
BKIOT4-03	Rock	0.9	0.027	grab	chlorite schist with calcite along bedding planes
BKIOT4-04	Rock	0.44	0.007	grab	chlorite qtz muscovite schist with calcite along bedding planes
BKIOT4-05	Rock	0.52	0.047	grab	chlorite schist with calcite along bedding planes
BKIOT4-06	Rock	0.52	0.023	grab	as above
BKIOT4-07	Rock	1.16	< 0.005	grab	as above trace diss py

BKIOT4-08	Rock	0.52	0.024	grab	as per -05 with a calcite boudin
BKIOT4-09	Rock	0.46	0.031	grab	chlorite schist with limonite along bedding
BKIOT4-10	Rock	0.58	0.005	grab	as above
BKIOT4-11	Rock	0.24	< 0.005	grab	as above trace diss py
BKIOT4-12	Rock	0.54	< 0.005	grab	as above
BKIOT4-13	Rock	0.4	0.007	grab	as above
BKIOT4-14	Rock	0.9	0.014	grab	chlorite schist with calcite along bedding planes
BKIOT5-01	Rock	2.26	0.021	0.8m	biotite chlorite qtz schist with weak bedding related carb alt and py
BKIOT5-02	Rock	2.16	0.012	1.0m	as above
BKIOT5-03	Rock	1.5	0.021	0.5m	as above
BKIOT5-04	Rock	2.08	< 0.005	1.8m	as above
BKIOT5-05	Rock	1.18	0.085	0.8m	as above
BKIOT5-06	Rock	1.92	0.013	1.3m	as above
BKIOT5-07	Rock	1.28	< 0.005	2.2m	as above
BKIOT5-08	Rock	1.98	< 0.005	1.5m	as above
BKIOT5-09	Rock	2.06	0.006	1.7m	as above
BKIOT5-10	Rock	1.8	0.042	2.4m	as above with increased limonite along horizons
BKIOT5-11	Rock	0.28	< 0.005	1.4m	as above
BKIOT5-12	Rock	2.5	0.029	1.3m	as above
BKIOT6-01	Rock	2.12	0.006	2.0m	weakly carb altered chlorite muscovite qtz schist with trace diss py
BKIOT6-02	Rock	2.18	< 0.005	1.4m	as above
BKIOT6-03	Rock	2.1	0.039	2.0m	as above
BKIOT6-04	Rock	2.28	0.005	1.7m	as above (also possible diss cpy)
BKIOT6-05	Rock	2.44	0.007	1.9m	as above
BKIOT6-06	Rock	2.7	< 0.005	2.4m	as above
BKIOT6-07	Rock	2.48	0.01	2.2m	as above minor shearing
BKIOT6-08	Rock	2.76	0.009	2.2m	as above heavily sheared
BKIOT6-09	Rock	2.1	0.071	1.7m	as above minor shearing (poss diss cpy related to calcite blebs)
BKIOT6-10	Rock	2.32	0.063	4.4m	as above minor shearing
BKIOT6-11	Rock	2.86	0.005	5.0m	as above minor shearing
BKIOT7-01	Rock	1.34	0.021	1.0m	weakly pyritized chlorite quartz schist
BKIOT7-02	Rock	1.66	0.06	0.7m	limonitic iron-carb altered weakly pyritized chlorite qtz schist
BKIOT7-03	Rock	2.16	0.624	0.5m	sample across 15cm qtz vein and wallrock alteration
BKIOT7-04	Rock	2.36	0.045	0.9m	limonitic iron-carb altered weakly pyritized chlorite qtz schist
BKIOT7-05	Rock	2.54	0.046	1.6m	chlorite qtz schist
BKIOT7-06	Rock	2.34	0.006	2.7m	chlorite qtz schist
BKIOT7-07	Rock	1.36	< 0.005	0.5m	limonitic iron-carb altered weakly pyritized chlorite qtz schist
BKIOT7-08	Rock	2.78	0.025	1.4m	limonitic iron-carb altered weakly pyritized chlorite qtz schist
BKIOT7-09	Rock	2.58	0.008	3.0m	weakly pyritized chlorite quartz schist
BKIOT7-10	Rock	2	0.091	1.2m	limonitic iron-carb altered weakly pyritized chlorite qtz schist
BKIOT7-11	Rock	2.02	0.009	2.5m	weakly pyritized chlorite quartz schist
BKIOT7-12	Rock	1.62	0.269	0.10m	limonitic discordant qtz vein with trace diss pyrite minor wallrock
BKIOT7-13	Rock	2.32	0.084	0.12m	limonitic discordant qtz vein with trace diss pyrite minor wallrock
BKIOT7-14	Rock	2.92	5.48	0.18m	limonitic discordant qtz vein with trace diss pyrite minor wallrock

Sample	Type	Wei	Au ppm	Ag	Cu	Pb	Sb	As	Zn	Line	Location
BKIOD09-001	Soil	0.24	0.027							Line # 01	50m E
BKIOD09-002	Soil	0.24	< 0.005							Line # 01	25m E
BKIOD09-003	Soil	0.16	0.007							Line # 01	start pt
BKIOD09-004	Soil	0.2	0.012							Line # 01	75m E
BKIOD09-028	Soil	0.28	0.007							Line # 01	100m E
BKIOD09-040	Soil	0.32	0.012							Line # 01	37.5m E
BKIOD09-041	Soil	0.38	0.014							Line # 01	50m E (repeat)
BKIOD09-042	Soil	0.16	0.108							Line # 01	62.5m E
BKIOD09-043	Soil	0.36	< 0.005							Line # 01	75m E (repeat)
BKIOD09-005	Soil	0.18	0.015							Line # 02	50m E
BKIOD09-006	Soil	0.1	0.016							Line # 02	25m E
BKIOD09-007	Soil	0.44	0.008							Line # 02	start pt
BKIOD09-008	Soil	0.26	0.014							Line # 02	75m E
BKIOD09-009	Soil	0.3	0.014							Line # 02	100m E
BKIOD09-010	Soil	0.24	0.006	< 0.2	50	< 2	2	< 2	34	Line # 03	75m E
BKIOD09-011	Soil	0.16	0.006	< 0.2	47	3	< 2	4	36	Line # 03	50m E
BKIOD09-012	Soil	0.28	0.006	< 0.2	63	7	2	4	49	Line # 03	25m E
BKIOD09-013	Soil	0.32	0.007	< 0.2	56	7	< 2	3	53	Line # 03	start pt
BKIOD09-087	Soil	0.12	< 0.005	< 0.2	25	6	< 2	4	37	Line # 03	100m E
BKIOD09-088	Soil	0.42	0.006							Line # 03	125m E
BKIOD09-089	Soil	0.28	< 0.005	< 0.2	51	2	< 2	3	37	Line # 03	150m E
BKIOD09-090	Soil	0.6	0.005							Line # 03	175m E
BKIOD09-091	Soil	0.42	0.007	0.2	39	7	< 2	7	58	Line # 03	200m E
BKIOD09-092	Soil	0.36	0.015							Line # 03	225m E
BKIOD09-093	Soil	0.34	0.026	< 0.2	72	5	< 2	7	69	Line # 03	250m E
BKIOD09-094	Soil	0.44	0.005							Line # 03	275m E
BKIOD09-048	Soil	0.3	< 0.005							Line # 04	start pt
BKIOD09-049	Soil	0.46	< 0.005							Line # 04	25m E
BKIOD09-050	Soil	0.3	< 0.005							Line # 04	50m E
BKIOD09-051	Soil	0.36	< 0.005							Line # 04	75m E
BKIOD09-052	Soil	0.4	< 0.005							Line # 04	100m E
BKIOD09-053	Soil	0.4	0.007							Line # 04	125m E
BKIOD09-054	Soil	0.3	0.058	< 0.2	136	30	< 2	8	200	Line # 04	150m E
BKIOD09-055	Soil	0.3	0.016							Line # 04	175m E
BKIOD09-029	Soil	0.26	0.023	< 0.2	44	5	< 2	4	54	Line # 05	100m E
BKIOD09-030	Soil	0.32	0.141	< 0.2	117	4	< 2	4	72	Line # 05	75m E
BKIOD09-031	Soil	0.3	0.009	< 0.2	61	5	< 2	5	66	Line # 05	50m E
BKIOD09-032	Soil	0.2	0.01	< 0.2	30	7	< 2	6	58	Line # 05	25m E
BKIOD09-033	Soil	0.3	0.007	< 0.2	33	7	< 2	8	96	Line # 05	start pt
BKIOD09-034	Soil	0.32	0.115	< 0.2	74	9	< 2	8	112	Line # 05	125m E
BKIOD09-035	Soil	0.32	0.006	< 0.2	51	10	< 2	2	99	Line # 05	150m E
BKIOD09-036	Soil	0.38	0.007	< 0.2	54	5	< 2	2	112	Line # 05	175m E
BKIOD09-037	Soil	0.28	< 0.005	< 0.2	51	13	< 2	3	188	Line # 05	200m E
BKIOD09-044	Soil	0.26	0.011							Line # 05	62.5m E
BKIOD09-045	Soil	0.3	< 0.005							Line # 05	87.5m E
BKIOD09-046	Soil	0.28	0.007							Line # 05	112.5m E

BKIOD09-047	Soil	0.28	0.006							Line # 05	137.5m E
BKIOD09-056	Soil	0.5	0.01							Line # 06	start pt
BKIOD09-057	Soil	0.34	0.01							Line # 06	25m E
BKIOD09-058	Soil	0.36	0.009							Line # 06	50m E
BKIOD09-059	Soil	0.26	0.064	< 0.2	94	8	< 2	3	116	Line # 06	75m E
BKIOD09-060	Soil	0.42	< 0.005							Line # 06	100m E
BKIOD09-061	Soil	0.34	0.007							Line # 06	125m E
BKIOD09-062	Soil	0.4	0.01							Line # 06	150m E
BKIOD09-063	Soil	0.44	0.007							Line # 06	175m E
BKIOD09-064	Soil	0.4	0.012	0.4	85	10	2	3	83	Line # 07	start pt
BKIOD09-065	Soil	0.26	0.007	< 0.2	74	4	< 2	4	65	Line # 07	25m W
BKIOD09-066	Soil	0.38	0.041	< 0.2	62	16	< 2	2	81	Line # 07	50m W
BKIOD09-067	Soil	0.38	0.008	< 0.2	34	9	< 2	3	60	Line # 07	75m W
BKIOD09-068	Soil	0.4	0.016	< 0.2	61	12	2	4	75	Line # 07	100m W
BKIOD09-069	Soil	0.32	0.067	0.2	142	9	2	7	200	Line # 07	125m W
BKIOD09-070	Soil	0.5	0.034	< 0.2	113	11	2	6	163	Line # 07	150m W
BKIOD09-071	Soil	0.34	0.006	< 0.2	81	5	< 2	< 2	96	Line # 07	175m W
BKIOD09-014	Soil	0.16	0.005	< 0.2	35	4	< 2	6	43	Line # 08	50m W
BKIOD09-015	Soil	0.34	0.006	< 0.2	24	< 2	< 2	< 2	50	Line # 08	25m W
BKIOD09-016	Soil	0.32	0.011	< 0.2	37	3	< 2	8	47	Line # 08	start pt
BKIOD09-017	Soil	0.2	0.021	< 0.2	62	12	< 2	9	61	Line # 08	75m W
BKIOD09-018	Soil	0.32	0.028	< 0.2	75	12	< 2	4	69	Line # 08	100m W
BKIOD09-019	Soil	0.34	0.019	< 0.2	86	5	< 2	3	99	Line # 08	125m W
BKIOD09-072	Soil	0.3	0.01							Line # 09	start pt
BKIOD09-073	Soil	0.36	0.009							Line # 09	25m W
BKIOD09-074	Soil	0.28	0.006							Line # 09	50m W
BKIOD09-075	Soil	0.34	< 0.005							Line # 09	75m W
BKIOD09-076	Soil	0.44	0.017							Line # 09	100m W
BKIOD09-077	Soil	0.54	0.008							Line # 09	125m W
BKIOD09-078	Soil	0.28	0.008							Line # 09	150m W
BKIOD09-079	Soil	0.46	< 0.005							Line # 10	start pt
BKIOD09-080	Soil	0.52	0.007							Line # 10	25m E
BKIOD09-081	Soil	0.36	0.006							Line # 10	50m E
BKIOD09-082	Soil	0.36	0.005							Line # 10	75m E
BKIOD09-083	Soil	0.42	0.009							Line # 10	100m E
BKIOD09-084	Soil	0.64	< 0.005							Line # 10	125m E
BKIOD09-085	Soil	0.42	< 0.005							Line # 10	150m E
BKIOD09-086	Soil	0.38	< 0.005							Line # 10	175m E
BKIOD09-095	Soil	0.38	0.006	0.3	36	3	< 2	3	68	Line # 11	start pt
BKIOD09-096	Soil	0.34	0.013	0.2	58	11	3	9	100	Line # 11	50m E
BKIOD09-097	Soil	0.32	0.014	0.4	85	13	< 2	8	171	Line # 11	100m E
BKIOD09-098	Soil	0.4	0.006	0.2	67	7	< 2	3	100	Line # 11	150m E
BKIOD09-099	Soil	0.42	< 0.005	< 0.2	63	3	< 2	< 2	74	Line # 11	200m E
BKIOD09-100	Soil	0.4	< 0.005	0.2	46	6	< 2	< 2	81	Line # 11	250m E
BKIOD09-101	Soil	0.42	< 0.005	0.2	75	17	< 2	9	208	Line # 11	300m E
BKIOD09-102	Soil	0.52	0.007	< 0.2	75	25	< 2	4	94	Line # 11	350m E
BKIOD09-103	Soil	0.42	< 0.005	0.2	30	4	< 2	6	38	Line # 11	400m E

BKIOD09-104	Soil	0.4	< 0.005	< 0.2	41	4	< 2	4	38	Line # 11	450m E
BKIOD09-105	Soil	0.52	< 0.005	< 0.2	28	< 2	< 2	< 2	29	Line # 11	500m E
BKIOD09-106	Soil	0.44	< 0.005	< 0.2	44	< 2	< 2	< 2	39	Line # 11	550m E
BKIOD09-107	Soil	0.42	0.005	0.2	46	< 2	< 2	6	49	Line # 11	600m E
BKIOD09-108	Soil	0.26	< 0.005	< 0.2	40	3	2	3	57	Line # 11	650m E
BKIOD09-109	Soil	0.56	0.01							Line # 12	start pt
BKIOD09-110	Soil	0.28	0.005							Line # 12	25m W
BKIOD09-111	Soil	0.42	0.017							Line # 12	50m W
BKIOD09-112	Soil	0.5	0.009							Line # 12	75m W
BKIOD09-113	Soil	0.38	0.014							Line # 12	100m W
BKIOD09-114	Soil	0.38	< 0.005							Line # 12	125m W
BKIOD09-115	Soil	0.34	< 0.005							Line # 12	150m W
BKIOD09-116	Soil	0.36	< 0.005							Line # 13	start pt
BKIOD09-117	Soil	0.36	0.012							Line # 13	25m W
BKIOD09-118	Soil	0.34	< 0.005							Line # 13	50m W
BKIOD09-119	Soil	0.46	0.007							Line # 13	75m W
BKIOD09-120	Soil	0.4	0.007							Line # 13	100m W
BKIOD09-121	Soil	0.46	0.016							Line # 13	125m W
BKIOD09-122	Soil	0.46	0.108							Line # 13	150m W
BKIOD09-123	Soil	0.32	0.017							Line # 13	175m W
BKIOD09-124	Soil	0.2	0.018							Line # 13	200m W
BKIOD09-125	Soil	0.16	< 0.005							Line # 13	225m W
BKIOD09-126	Soil	0.18	< 0.005							Line # 13	250m W
BKIOD09-150	Soil	0.38	< 0.005							Line # 14	start pt
BKIOD09-151	Soil	0.42	< 0.005							Line # 14	25m E
BKIOD09-152	Soil	0.44	< 0.005							Line # 14	50m E
BKIOD09-153	Soil	0.4	< 0.005							Line # 14	75m E
BKIOD09-154	Soil	0.44	0.005							Line # 14	100m E
BKIOD09-155	Soil	0.34	0.019							Line # 14	125m E
BKIOD09-156	Soil	0.5	0.01							Line # 14	150m E
BKIOD09-157	Soil	0.3	< 0.005							Line # 14	175m E
BKIOD09-158	Soil	0.38	< 0.005							Line # 14	200m E
BKIOD09-021	Soil	0.42	0.016							Line # 15	start pt
BKIOD09-022	Soil	0.28	0.013							Line # 15	25m E
BKIOD09-023	Soil	0.3	0.01							Line # 15	50m E
BKIOD09-024	Soil	0.24	0.01							Line # 15	75m E
BKIOD09-025	Soil	0.34	0.017							Line # 15	100m E
BKIOD09-026	Soil	0.22	0.011							Line # 15	125m E
BKIOD09-027	Soil	0.24	0.009							Line # 15	150m E
BKIOD09-127	Soil	0.34	< 0.005							Line # 16	start pt
BKIOD09-128	Soil	0.46	0.006							Line # 16	25m W
BKIOD09-129	Soil	0.3	0.008							Line # 16	50m W
BKIOD09-130	Soil	0.5	0.007							Line # 16	75m W
BKIOD09-131	Soil	0.42	< 0.005							Line # 16	100m W
BKIOD09-132	Soil	0.5	0.015							Line # 16	125m W
BKIOD09-133	Soil	0.5	0.007							Line # 16	150m W
BKIOD09-134	Soil	0.3	< 0.005							Line # 16	175m W
BKIOD09-135	Soil	0.54	0.007							Line # 16	200m W

## Statement Of Qualifications

I, Bernie Kreft, conducted the exploration work described herein.

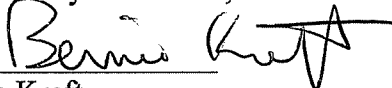
I have over 23 years prospecting experience in the Yukon.

This report is based on fieldwork conducted or witnessed by myself, and includes information from various publicly available assessment reports.

This report is based on fieldwork completed during the 2009 field season.

This report is based on fieldwork completed on the Ion and Dom quartz claims.

Respectfully Submitted,

  
Bernie Kreft

Bernie Kreft

## Statement Of Costs

✓ Truck Costs For ½ portion 3 Round-Trips, Whse-Dawson (1536km x \$0.59/km)	=	\$906.24
✓ Truck Costs For Daily Round-Trips, Dawson-Property (912km x \$0.59/km)	=	\$538.08
✓ Trucking Excavator From Ion Property	=	\$624.75
✓ ZX200 Excavator Wet But No Operator (36 hours x \$120/hour)	=	\$4320.00
✓ Room, Board And Camp Supplies (26 man-days x \$50/day)	=	\$1300.00
✓ Sample Analysis on 90 rock and 153 soils	=	\$5378.52
✓ Wages Bernie Kreft (8 days x \$350/day)	=	\$2800.00
✓ Wages Jarret Kreft (6 days x \$175/day)	=	\$1050.00
✓ Wages Justin Kreft (6 days x \$175/day)	=	\$1050.00
✓ Wages Shari Thompson (6 days x \$200/day)	=	\$1200.00
✓ Chainsaw (4 days x \$35/day)	=	\$140.00
✓ Satellite Phone (8 days x \$25/day)	=	\$200.00
✓ Coureur Des Bois (staking 12 claims)	=	\$1890.00
✓ Report Preparation And Duplication	=	<u>\$2000.00</u>
	<b>TOTAL</b>	= <b>\$23397.59</b>



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**CERTIFICATE OF ANALYSIS VA09059961**

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23
		Recvd Wt. kg	Au ppm
		0.02	0.005
Brew 1		0.36	
Brew 2		0.42	
Brew 3		0.34	
Brew 4		0.44	
Brew 5		0.56	
Brew 6		0.38	
Brew 7		0.54	
Brew 8		0.40	
Brew 9		0.36	
Brew 10		0.56	
Brew 11		0.44	
Brew 12		0.42	
Brew 13		0.28	
Brew 14		0.42	
Brew 15		0.34	
Brew 16		0.38	
Brew 17		0.36	
Brew 18		0.38	
Brew 19		0.42	
Brew 20		0.44	
Brew 21		0.46	
Brew 22		0.42	
Brew 23		0.44	
Brew 24		0.38	
Brew 25		0.48	
Brew 26		0.46	
Brew 27		0.26	
Brew 28		0.36	
Brew 29		0.32	
Brew 30		0.40	<
Brew 31		0.38	<
Brew 32		0.52	
Brew 33		0.44	
Brew 34		0.46	
Brew 35		0.40	
Brew 36		0.34	
Brew 37		0.42	
BKIOD09-1		0.24	0.027
BKIOD09-2		0.24	<0.005
BKIOD09-3		0.16	0.007

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Page: 3 - A  
Total # Pages: 3 (A)  
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## CERTIFICATE OF ANALYSIS VA09059961

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23
		Recvd Wt. kg	Au ppm
		0.02	0.005
BKIOD09-4		0.20	0.012
BKIOD09-5		0.18	0.015
BKIOD09-6		0.10	0.016
BKIOD09-7		0.44	0.008
BKIOD09-8		0.26	0.014
BKIOD09-9		0.30	0.014
BKIOD09-10		0.24	0.006
BKIOD09-11		0.16	0.006
BKIOD09-12		0.28	0.006
BKIOD09-13		0.32	0.007
BKIOD09-14		0.16	0.005
BKIOD09-15		0.34	0.006
BKIOD09-16		0.32	0.011
BKIOD09-17		0.20	0.021
BKIOD09-18		0.32	0.028
BKIOD09-19		0.34	0.019
BKIOD09-21		0.42	0.016
BKIOD09-22		0.28	0.013
BKIOD09-23		0.30	0.010
BKIOD09-24		0.24	0.010
BKIOD09-25		0.34	0.017
BKIOD09-26		0.22	0.011
BKIOD09-27		0.24	0.009
BKIOD09-28		0.28	0.007
BKIOD09-29		0.26	0.023
BKIOD09-30		0.32	0.141
BKIOD09-31		0.30	0.009
BKIOD09-32		0.20	0.010
BKIOD09-33		0.30	0.007
BKIOD09-34		0.32	0.115
BKIOD09-35		0.32	0.006
BKIOD09-36		0.38	0.007
BKIOD09-37		0.28	<0.005



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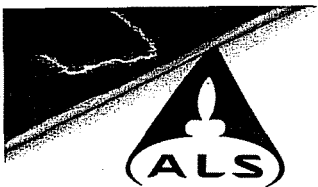
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 Total # Pages: 6 (A)  
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**CERTIFICATE OF ANALYSIS VA09069919**

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23
		Recvd Wt.	Au
		kg	ppm
		0.02	0.005
BKIOD09-40		0.32	0.012
BKIOD09-41		0.38	0.014
BKIOD09-42		0.16	0.108
BKIOD09-43		0.36	<0.005
BKIOD09-44		0.26	0.011
BKIOD09-45		0.30	<0.005
BKIOD09-46		0.28	0.007
BKIOD09-47		0.28	0.006
BKIOD09-48		0.30	<0.005
BKIOD09-49		0.46	<0.005
BKIOD09-50		0.30	<0.005
BKIOD09-51		0.36	<0.005
BKIOD09-52		0.40	<0.005
BKIOD09-53		0.40	0.007
BKIOD09-54		0.30	0.058
BKIOD09-55		0.30	0.016
BKIOD09-56		0.50	0.010
BKIOD09-57		0.34	0.010
BKIOD09-58		0.36	0.009
BKIOD09-59		0.26	0.064
BKIOD09-60		0.42	<0.005
BKIOD09-61		0.34	0.007
BKIOD09-62		0.40	0.010
BKIOD09-63		0.44	0.007
BKIOD09-64		0.40	0.012
BKIOD09-65		0.26	0.007
BKIOD09-66		0.38	0.041
BKIOD09-67		0.38	0.008
BKIOD09-68		0.40	0.016
BKIOD09-69		0.32	0.067
BKIOD09-70		0.50	0.034
BKIOD09-71		0.34	0.006
BKIOD09-72		0.30	0.010
BKIOD09-73		0.36	0.009
BKIOD09-74		0.28	0.006
BKIOD09-75		0.34	<0.005
BKIOD09-76		0.44	0.017
BKIOD09-77		0.54	0.008
BKIOD09-78		0.28	0.008
BKIOD09-79		0.46	<0.005



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Total # Pages: 6 (A)  
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Account: KREBER

## CERTIFICATE OF ANALYSIS VA09069919

Sample Description	Method Analyte Units LOR	WEI-21	AU-AA23
		Recvd Wt. kg	Au ppm
BKIOD09-80		0.52	0.007
BKIOD09-81		0.36	0.006
BKIOD09-82		0.36	0.005
BKIOD09-83		0.42	0.009
BKIOD09-84		0.64	<0.005
BKIOD09-85		0.42	<0.005
BKIOD09-86		0.38	<0.005
BKIOD09-87		0.12	<0.005
BKIOD09-88		0.42	0.006
BKIOD09-89		0.28	<0.005
BKIOD09-90		0.60	0.005
BKIOD09-91		0.42	0.007
BKIOD09-92		0.36	0.015
BKIOD09-93		0.34	0.026
BKIOD09-94		0.44	0.005
BKIOD09-95		0.38	0.006
BKIOD09-96		0.34	0.013
BKIOD09-97		0.32	0.014
BKIOD09-98		0.40	0.006
BKIOD09-99		0.42	<0.005
BKIOD09-100		0.40	<0.005
BKIOD09-101		0.42	<0.005
BKIOD09-102		0.52	0.007
BKIOD09-103		0.42	<0.005
BKIOD09-104		0.40	<0.005
BKIOD09-105		0.52	<0.005
BKIOD09-106		0.44	<0.005
BKIOD09-107		0.42	0.005
BKIOD09-108		0.26	<0.005
BKIOD09-109		0.56	0.010
BKIOD09-110		0.28	0.005
BKIOD09-111		0.42	0.017
BKIOD09-112		0.50	0.009
BKIOD09-113		0.38	0.014
BKIOD09-114		0.38	<0.005
BKIOD09-115		0.34	<0.005
BKIOD09-116		0.36	<0.005
BKIOD09-117		0.36	0.012
BKIOD09-118		0.34	<0.005
BKIOD09-119		0.46	0.007

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Finalized Date: 30-JUL-2009  
Account: KREBER**CERTIFICATE OF ANALYSIS VA09069919**

Sample Description	Method Analyte Units LOR	WEI-21	AU-AA23
		Recvd Wt. kg 0.02	Au ppm 0.005
BKIOD09-120		0.40	0.007
BKIOD09-121		0.46	0.016
BKIOD09-122		0.46	0.108
BKIOD09-123		0.32	0.017
BKIOD09-124		0.20	0.018
BKIOD09-125		0.16	<0.005
BKIOD09-126		0.18	<0.005
BKIOD09-127		0.34	<0.005
BKIOD09-128		0.46	0.006
BKIOD09-129		0.30	0.008
BKIOD09-130		0.50	0.007
BKIOD09-131		0.42	<0.005
BKIOD09-132		0.50	0.015
BKIOD09-133		0.50	0.007
BKIOD09-134		0.30	<0.005
BKIOD09-135		0.54	0.007
BGRD09-01		0.32	
BGRD09-02		0.30	
BGRD09-03		0.34	
BGRD09-04		0.44	
BGRD09-05		0.38	
BGRD09-06		0.60	
BGRD09-07		0.48	
BGRD09-08		0.34	
BGRD09-09		0.44	
BGRD09-10		0.42	
BGRD09-11		0.34	
BGRD09-12		0.34	
BGRD09-13		0.34	
BGRD09-14		0.24	
BGRD09-15		0.56	
BGRD09-16		0.28	
BGRD09-17		0.36	
BGRD09-18		0.64	
BGRD09-19		0.44	
BGRD09-20		0.44	
BGRD09-21		0.32	
BGRD09-22		0.38	
BGRD09-23		0.34	
BGRD09-24		0.36	



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Page: 2 - A  
Total # Pages: 2 (A)  
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Account: KREBER

## CERTIFICATE OF ANALYSIS VA09098557

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23
		Recvd Wt. kg	Au ppm
		0.02	0.005
GRD09-201		0.40	.
GRD09-202		0.34	.
GRD09-203		0.40	.
GRD09-204		0.46	.
GRD09-205		0.46	.
GRD09-206		0.48	.
GRD09-207		0.42	.
GRD09-208		0.50	.
GRD09-209		0.52	.
BKIOD09-150		0.38	<0.005
BKIOD09-151		0.42	<0.005
BKIOD09-152		0.44	<0.005
BKIOD09-153		0.40	<0.005
BKIOD09-154		0.44	0.005
BKIOD09-155		0.34	0.019
BKIOD09-156		0.50	0.010
BKIOD09-157		0.30	<0.005
BKIOD09-158		0.38	<0.005



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Page: 2 - A  
 Total # Pages: 2 (A - C)  
 Finalized Date: 12-SEP-2009  
 Account: KREBER

## CERTIFICATE OF ANALYSIS VA09095641

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	
		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
BKIOD09-10		<0.2	1.85	<2	<10	70	<0.5	<2	0.17	<0.5	17	205	50	2.20	<10	<1
BKIOD09-11		<0.2	1.82	4	<10	80	<0.5	<2	0.16	<0.5	14	147	47	2.41	<10	<1
BKIOD09-12		<0.2	2.57	4	<10	140	<0.5	2	0.17	<0.5	24	89	63	3.95	10	1
BKIOD09-13		<0.2	2.80	3	<10	120	<0.5	<2	0.12	<0.5	19	128	56	3.87	10	<1
BKIOD09-14		<0.2	2.14	6	<10	100	<0.5	<2	0.12	<0.5	19	21	35	3.24	<10	<1
BKIOD09-15		<0.2	2.17	<2	<10	50	<0.5	<2	0.17	<0.5	13	9	24	2.96	<10	1
BKIOD09-16		<0.2	1.87	8	<10	60	<0.5	<2	0.12	<0.5	13	10	37	2.84	10	<1
BKIOD09-17		<0.2	2.68	9	<10	80	<0.5	2	0.05	<0.5	16	22	62	4.02	<10	1
BKIOD09-18		<0.2	2.24	4	<10	110	<0.5	<2	0.08	<0.5	17	20	75	3.50	<10	<1
BKIOD09-19		<0.2	2.45	3	<10	130	<0.5	<2	0.15	<0.5	24	25	86	3.91	10	1
BKIOD09-29		<0.2	2.45	4	<10	30	<0.5	<2	0.11	<0.5	16	37	44	3.25	10	<1
BKIOD09-30		<0.2	2.58	4	<10	90	<0.5	<2	0.13	<0.5	18	42	117	3.58	10	<1
BKIOD09-31		<0.2	2.33	5	<10	120	<0.5	<2	0.19	<0.5	18	33	61	3.45	10	<1
BKIOD09-32		<0.2	1.68	6	<10	150	<0.5	<2	0.14	<0.5	10	28	30	2.67	10	<1
BKIOD09-33		<0.2	1.79	8	<10	170	<0.5	<2	0.14	<0.5	12	29	33	2.89	10	<1
BKIOD09-34		<0.2	2.57	8	<10	60	<0.5	<2	0.10	0.5	22	40	74	4.01	10	<1
BKIOD09-35		<0.2	3.16	2	<10	70	<0.5	<2	0.08	<0.5	19	58	51	4.19	10	<1
BKIOD09-36		<0.2	1.76	2	<10	40	<0.5	<2	0.06	<0.5	9	16	54	2.79	10	<1
BKIOD09-37		<0.2	2.55	3	<10	40	<0.5	<2	0.13	1.1	19	56	51	3.63	10	<1



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Page: 2 - B  
 Total # Pages: 2 (A - C)  
 Finalized Date: 12-SEP-2009  
 Account: KREBER

**CERTIFICATE OF ANALYSIS VA09095641**

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	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
BKIOD09-10		0.02	<10	2.11	354	<1	<0.01	75	360	<2	0.48	2	2	8	<20	0.04
BKIOD09-11		0.01	10	1.65	386	1	<0.01	52	400	3	<0.01	<2	3	7	<20	0.05
BKIOD09-12		0.02	10	2.06	656	1	<0.01	32	320	7	<0.01	2	9	11	<20	0.06
BKIOD09-13		0.02	10	2.12	510	1	<0.01	45	260	7	<0.01	<2	9	7	<20	0.06
BKIOD09-14		0.02	10	1.29	485	1	<0.01	13	230	4	<0.01	<2	3	9	<20	0.08
BKIOD09-15		0.02	<10	1.42	429	<1	<0.01	7	250	<2	0.14	<2	1	7	<20	0.08
BKIOD09-16		0.02	<10	1.16	458	<1	<0.01	9	300	3	0.19	<2	2	7	<20	0.06
BKIOD09-17		0.02	10	1.41	663	1	<0.01	15	270	12	0.14	<2	5	5	<20	0.04
BKIOD09-18		0.02	10	1.31	774	1	<0.01	15	260	12	0.10	<2	7	7	<20	0.06
BKIOD09-19		0.02	<10	1.95	933	1	<0.01	17	420	5	0.10	<2	5	8	<20	0.06
BKIOD09-29		0.01	<10	1.89	1085	<1	<0.01	20	450	5	<0.01	<2	6	3	<20	0.04
BKIOD09-30		0.01	<10	1.99	1125	<1	<0.01	24	400	4	<0.01	<2	7	6	<20	0.05
BKIOD09-31		0.01	<10	1.83	843	<1	<0.01	20	380	5	<0.01	<2	5	7	<20	0.05
BKIOD09-32		0.02	10	0.73	380	<1	<0.01	17	280	7	<0.01	<2	4	11	<20	0.05
BKIOD09-33		0.02	10	0.99	461	<1	<0.01	18	290	7	<0.01	<2	4	10	<20	0.05
BKIOD09-34		0.01	<10	1.86	1415	<1	<0.01	23	460	9	<0.01	<2	7	4	<20	0.02
BKIOD09-35		0.01	10	2.30	1375	<1	<0.01	30	410	10	<0.01	<2	12	3	<20	0.01
BKIOD09-36		0.01	<10	1.05	674	<1	<0.01	6	190	5	<0.01	<2	6	3	<20	0.01
BKIOD09-37		0.01	<10	1.75	1825	<1	<0.01	26	580	13	<0.01	<2	10	3	<20	0.03



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**CERTIFICATE OF ANALYSIS VA09095641**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
BKIOD09-10		<10	<10	36	<10	34
BKIOD09-11		<10	<10	48	<10	36
BKIOD09-12		<10	<10	96	<10	49
BKIOD09-13		<10	<10	87	<10	53
BKIOD09-14		<10	<10	61	<10	43
BKIOD09-15		<10	<10	38	<10	50
BKIOD09-16		<10	<10	39	<10	47
BKIOD09-17		<10	<10	53	<10	61
BKIOD09-18		<10	<10	57	<10	69
BKIOD09-19		<10	<10	58	<10	99
BKIOD09-29		<10	<10	61	<10	54
BKIOD09-30		<10	<10	64	<10	72
BKIOD09-31		<10	<10	67	<10	66
BKIOD09-32		<10	<10	52	<10	58
BKIOD09-33		<10	<10	48	<10	96
BKIOD09-34		<10	<10	64	<10	112
BKIOD09-35		<10	<10	82	<10	99
BKIOD09-36		<10	<10	46	<10	112
BKIOD09-37		<10	<10	86	<10	188



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## CERTIFICATE OF ANALYSIS VA09095640

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	
		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
BKIOD09-54		<0.2	2.50	8	<10	120	<0.5	2	0.08	0.8	22	12	136	4.28	10	<1
BKIOD09-59		<0.2	2.81	3	<10	30	<0.5	2	0.13	0.5	24	45	94	3.98	10	1
BKIOD09-64		0.4	2.76	3	<10	60	<0.5	<2	0.27	0.6	22	33	85	4.51	10	1
BKIOD09-65		<0.2	2.95	4	<10	100	<0.5	<2	0.06	<0.5	14	22	74	4.22	10	<1
BKIOD09-66		<0.2	1.87	2	<10	60	<0.5	<2	0.17	0.5	14	9	62	3.12	10	<1
BKIOD09-67		<0.2	2.42	3	<10	60	<0.5	<2	0.13	<0.5	13	34	34	3.19	10	<1
BKIOD09-68		<0.2	2.62	4	<10	40	<0.5	<2	0.10	<0.5	20	36	61	3.76	<10	<1
BKIOD09-69		0.2	2.02	7	<10	110	<0.5	<2	0.20	0.7	16	28	142	3.35	10	1
BKIOD09-70		<0.2	2.15	6	<10	150	<0.5	<2	0.18	0.8	18	30	113	3.45	10	1
BKIOD09-71		<0.2	2.32	<2	<10	130	<0.5	<2	0.23	<0.5	23	35	81	3.65	10	1
BKIOD09-87		<0.2	1.84	4	<10	140	<0.5	<2	0.13	<0.5	10	108	25	2.43	10	<1
BKIOD09-89		<0.2	1.93	3	<10	110	<0.5	2	0.25	<0.5	16	210	51	2.57	<10	<1
BKIOD09-91		0.2	1.38	7	<10	260	<0.5	<2	0.35	<0.5	11	50	39	2.61	<10	<1
BKIOD09-93		<0.2	2.16	7	<10	130	<0.5	<2	0.14	<0.5	19	20	72	3.77	10	<1
BKIOD09-95		0.3	2.26	3	<10	50	<0.5	<2	0.04	<0.5	11	8	36	3.22	10	1
BKIOD09-96		0.2	1.90	9	<10	140	<0.5	<2	0.08	<0.5	16	34	58	3.01	<10	<1
BKIOD09-97		0.4	1.72	8	<10	140	<0.5	<2	0.10	1.0	24	27	85	4.31	<10	<1
BKIOD09-98		0.2	1.81	3	<10	110	<0.5	<2	0.13	<0.5	22	8	67	4.38	10	<1
BKIOD09-99		<0.2	2.16	<2	<10	50	<0.5	<2	0.09	<0.5	16	28	63	3.27	<10	<1
BKIOD09-100		0.2	2.71	<2	<10	100	<0.5	2	0.11	<0.5	19	16	46	4.02	10	1
BKIOD09-101		0.2	2.33	9	<10	90	<0.5	<2	0.06	0.5	18	61	75	3.32	<10	<1
BKIOD09-102		<0.2	2.91	4	<10	80	<0.5	<2	0.11	<0.5	21	219	75	3.67	10	<1
BKIOD09-103		0.2	1.80	6	<10	30	<0.5	<2	0.10	<0.5	12	9	30	2.76	<10	<1
BKIOD09-104		<0.2	2.19	4	<10	80	<0.5	2	0.09	<0.5	11	21	41	2.65	10	<1
BKIOD09-105		<0.2	1.61	<2	<10	20	<0.5	<2	0.14	<0.5	9	5	28	1.99	10	1
BKIOD09-106		<0.2	2.27	<2	<10	40	<0.5	<2	0.13	<0.5	17	23	44	3.14	<10	1
BKIOD09-107		0.2	2.15	6	<10	50	<0.5	<2	0.16	<0.5	23	14	46	3.15	<10	<1
BKIOD09-108		<0.2	2.22	3	<10	70	<0.5	<2	0.23	<0.5	18	19	40	3.43	<10	<1



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## CERTIFICATE OF ANALYSIS VA09095640

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	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
BKIOD09-54		0.02	10	1.60	1645	<1	<0.01	14	370	30	0.01	<2	11	4	<20	0.01
BKIOD09-59		0.01	<10	2.50	1255	<1	<0.01	25	440	8	<0.01	<2	6	3	<20	0.06
BKIOD09-64		0.01	10	2.10	1565	1	<0.01	18	780	10	0.03	2	20	7	<20	0.01
BKIOD09-65		0.02	<10	1.85	728	1	<0.01	11	120	4	0.04	<2	4	5	<20	0.06
BKIOD09-66		0.01	<10	1.13	1290	1	<0.01	8	760	16	0.04	<2	8	4	<20	0.01
BKIOD09-67		0.01	<10	1.74	1135	1	<0.01	17	640	9	0.03	<2	10	4	<20	0.02
BKIOD09-68		0.01	<10	1.91	988	1	<0.01	18	570	12	0.04	2	8	2	<20	0.02
BKIOD09-69		0.02	10	1.45	1025	1	<0.01	18	590	9	0.03	2	9	7	<20	0.02
BKIOD09-70		0.01	10	1.61	952	1	<0.01	20	560	11	0.03	2	8	8	<20	0.02
BKIOD09-71		0.02	10	1.91	823	1	<0.01	24	520	5	0.11	<2	5	12	<20	0.04
BKIOD09-87		0.02	10	1.10	275	1	<0.01	39	240	6	0.11	<2	3	10	<20	0.05
BKIOD09-89		0.01	<10	2.10	416	<1	<0.01	74	380	2	0.08	<2	5	11	<20	0.04
BKIOD09-91		0.04	10	0.80	493	1	<0.01	30	640	7	0.07	<2	5	23	<20	0.05
BKIOD09-93		0.03	10	1.18	634	1	<0.01	18	370	5	0.06	<2	4	8	<20	0.05
BKIOD09-95		0.01	<10	1.58	610	1	<0.01	3	210	3	0.05	<2	4	3	<20	0.01
BKIOD09-96		0.02	10	0.86	673	1	<0.01	21	230	11	0.05	3	6	8	<20	0.03
BKIOD09-97		0.02	10	1.08	907	2	<0.01	20	480	13	0.07	<2	8	11	<20	0.01
BKIOD09-98		0.01	10	1.14	999	1	<0.01	10	610	7	0.06	<2	5	8	<20	0.01
BKIOD09-99		0.01	<10	1.55	935	1	<0.01	15	300	3	0.04	<2	5	6	<20	0.01
BKIOD09-100		0.01	<10	1.59	1545	1	<0.01	12	410	6	0.16	<2	5	7	<20	0.04
BKIOD09-101		0.02	10	1.34	1225	1	<0.01	33	350	17	0.19	<2	5	4	<20	0.04
BKIOD09-102		0.01	10	2.51	1010	1	<0.01	70	330	25	0.30	<2	12	6	<20	0.03
BKIOD09-103		0.01	<10	1.41	540	<1	<0.01	5	370	4	0.35	<2	2	3	<20	0.05
BKIOD09-104		0.02	<10	1.32	420	<1	<0.01	10	320	4	0.27	<2	3	6	<20	0.05
BKIOD09-105		0.01	<10	1.29	696	<1	<0.01	4	510	<2	0.13	<2	2	3	<20	0.04
BKIOD09-106		0.01	<10	1.89	697	<1	<0.01	18	380	<2	0.14	<2	4	7	<20	0.03
BKIOD09-107		0.02	<10	1.82	870	<1	<0.01	13	430	<2	1.00	<2	2	5	<20	0.03
BKIOD09-108		0.02	10	1.52	576	1	<0.01	14	530	3	1.06	2	3	8	<20	0.05



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**CERTIFICATE OF ANALYSIS VA09095640**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
BKIOD09-54		<10	<10	63	<10	200
BKIOD09-59		<10	<10	69	<10	116
BKIOD09-64		<10	<10	95	<10	83
BKIOD09-65		<10	<10	61	<10	65
BKIOD09-66		<10	<10	43	<10	81
BKIOD09-67		<10	<10	68	<10	60
BKIOD09-68		<10	<10	69	<10	75
BKIOD09-69		<10	<10	44	<10	200
BKIOD09-70		<10	<10	54	<10	163
BKIOD09-71		<10	<10	61	<10	96
BKIOD09-87		<10	<10	51	<10	37
BKIOD09-89		<10	<10	49	<10	37
BKIOD09-91		<10	<10	48	<10	58
BKIOD09-93		<10	<10	55	<10	69
BKIOD09-95		<10	<10	51	<10	68
BKIOD09-96		<10	<10	45	<10	100
BKIOD09-97		<10	<10	44	<10	171
BKIOD09-98		<10	<10	44	<10	100
BKIOD09-99		<10	<10	46	<10	74
BKIOD09-100		<10	<10	82	<10	81
BKIOD09-101		<10	<10	50	<10	208
BKIOD09-102		<10	<10	79	<10	94
BKIOD09-103		<10	<10	41	<10	38
BKIOD09-104		<10	<10	46	<10	38
BKIOD09-105		<10	<10	28	<10	29
BKIOD09-106		<10	<10	55	<10	39
BKIOD09-107		<10	<10	35	<10	49
BKIOD09-108		<10	<10	51	<10	57



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**CERTIFICATE OF ANALYSIS VA09059960**

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23
		Recvd Wt.	Au
		kg	ppm
		0.02	0.005
BKIOR09-1		0.52	0.009
BKIOR09-2		0.16	0.111
BKIOR09-3		0.16	0.076
BKCCR09-01			
BKCCR09-02			
BKCCR09-03		0.38	
BKCCR09-04		0.66	
BKCCR09-05		0.80	
BKCCR09-06		1.00	
BKCCR09-07		1.06	



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**CERTIFICATE OF ANALYSIS VA09069918**

Sample Description	Method Analyte Units LOR	WEI-21	AU-AA23
		Recvd Wt. kg	Au ppm
		0.02	0.005
BKIOR09-4		0.26	0.006
BKIOR09-5		0.30	<0.005
BKIOR09-6		0.06	0.027
BKIOR09-7		0.80	<0.005
BKIOR09-8		0.08	<0.005
BKIOR09-9		0.44	<0.005



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## CERTIFICATE OF ANALYSIS VA09098558

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21
		Recvd Wt. kg	Au ppm	Au ppm
		0.02	0.005	0.05
BKIOT1-01		1.64	0.015	
BKIOT1-02		2.10	0.113	
BKIOT1-03		1.18	0.009	
BKIOT1-04		2.02	0.020	
BKIOT1-05		2.30	0.021	
BKIOT1-06		0.10	0.153	
BKIOT1-07		1.72	0.021	
BKIOT1-08		1.68	0.026	
BKIOT1-09		1.78	0.013	
BKIOT2-01		1.40	0.013	
BKIOT2-02		1.96	<0.005	
BKIOT2-03		1.22	<0.005	
BKIOT2-04		1.72	<0.005	
BKIOT2-05		1.66	<0.005	
BKIOT2-06		2.04	0.016	
BKIOT2-07		1.92	0.018	
BKIOT2-08		1.14	0.009	
BKIOT2-09		1.32	0.018	
BKIOT2-10		1.24	0.008	
BKIOT2-11		1.12	0.009	
BKIOT2-12		2.14	0.050	
BKIOT2-13		2.40	0.009	
BKIOT2-14		0.52	0.008	
BKIOT2-15		1.46	0.009	
BKIOT2-16		0.92	0.113	
BKIOT3-01		1.34	0.032	
BKIOT3-02		2.06	2.38	
BKIOT3-03		1.90	0.080	
BKIOT3-04		0.88	0.077	
BKIOT4-01		1.34	0.005	
BKIOT4-02		1.24	0.033	
BKIOT4-03		0.90	0.027	
BKIOT4-04		0.44	0.007	
BKIOT4-05		0.52	0.047	
BKIOT4-06		0.52	0.023	
BKIOT4-07		1.16	<0.005	
BKIOT4-08		0.52	0.024	
BKIOT4-09		0.46	0.031	
BKIOT4-10		0.58	0.005	
BKIOT4-11		0.24	<0.005	



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## CERTIFICATE OF ANALYSIS VA09098558

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21
		Recvd Wt. kg	Au ppm	Au ppm
		0.02	0.005	0.05
BKIOT4-12		0.54	<0.005	
BKIOT4-13		0.40	0.007	
BKIOT4-14		0.90	0.014	
BKIOT5-01		2.26	0.021	
BKIOT5-02		2.16	0.012	
BKIOT5-03		1.50	0.021	
BKIOT5-04		2.08	<0.005	
BKIOT5-05		1.18	0.085	
BKIOT5-06		1.92	0.013	
BKIOT5-07		1.28	<0.005	
BKIOT5-08		1.98	<0.005	
BKIOT5-09		2.06	0.006	
BKIOT5-10		1.80	0.042	
BKIOT5-11		0.28	<0.005	
BKIOT5-12		2.50	0.029	
BKIOT6-01		2.12	0.006	
BKIOT6-02		2.18	<0.005	
BKIOT6-03		2.10	0.039	
BKIOT6-04		2.28	0.005	
BKIOT6-05		2.44	0.007	
BKIOT6-06		2.70	<0.005	
BKIOT6-07		2.48	0.010	
BKIOT6-08		2.76	0.009	
BKIOT6-09		2.10	0.071	
BKIOT6-10		2.32	0.063	
BKIOT6-11		2.86	0.005	
BKIOT7-01		1.34	0.021	
BKIOT7-02		1.66	0.060	
BKIOT7-03		2.16	0.624	
BKIOT7-04		2.36	0.045	
BKIOT7-05		2.54	0.046	
BKIOT7-06		2.34	0.006	
BKIOT7-07		1.36	<0.005	
BKIOT7-08		2.78	0.025	
BKIOT7-09		2.58	0.008	
BKIOT7-10		2.00	0.091	
BKIOT7-11		2.02	0.009	
BKIOT7-12		1.62	0.269	
BKIOT7-13		2.32	0.084	
BKIOT7-14		2.92	5.48	