

Geochemical Report  
On The  
Val, Jual and RDU Claims

Claim Name	Grant Numbers	Registered Owner
Val 1-6	YC07772 to YC07777	Bernard Kreft
Val 8	YC07779	"
Val 10	YC07781	"
Val 12	YC07783	"
Val 14-15	YC07785 to YC07786	"
Val 17	YC07788	"
Val 19	YC07790	"
Jual 30-36	YC07829 to YC07835	"
Jual 39-40	YC07838 to YC07839	"
RDU 195-212	YC94004 to YC94021	"
RDU 217-224	YC94026 to YC94033	"
RDU 226-230	YC94035 to YC94039	"
RDU 236	YC94045	"
RDU 251-258	YC94060 to YC94067	"
RDU 281	YD07881	"
RDU 283	YD07883	"
RDU 285	YD07885	"
RDU 287	YD07887	"
RDU 289	YD07889	"
RDU 291	YD07891	"
RDU 293-295	YD07893 to YD07895	"
RDU 297	YD07897	"
RDU 299	YD07899	"

Work Period May 29<sup>th</sup> to June 5<sup>th</sup>, 2014

Located In  
Dawson Mining District

On

NTS 115-N-09

63° 32' Latitude, 140° 05' Longitude

By

Jarret & Justin Kreft

November 11<sup>th</sup>, 2014

## Table Of Contents

Location	Page 1
Claim Status Table	Page 1
Access	Page 1
Topography And Vegetation	Page 1
Yukon Map (figure 1)	Page 2
Regional Map (figure 2)	Page 3
Claim Map (figure 3)	Page 4
History And Previous Work	Page 5
Geology And Mineralization	Page 7
Geology Map (figure 4)	Page 8
Rock Sample Table	Page 9
Geophysical Data	Page 10
Current Work And Results	Page 10
Compilation Map (figure 5)	Page 11
Val-Jual Structure Gold on FVD Map (figure 6)	Page 12
Val-Jual eThk Map (figure 7)	Page 13
Val-Jual Gold Graph (figure 8)	Page 14
Conclusions	Page 15
Recommendations	Page 15
Geochemistry Maps (figures 9 to 14)	Page 16
Soil Sample Table	Page 22
Statement of Costs	Page 25
Statement of Qualifications	Page 26
Assay Sheets	At Back

**Location** – The Val-Jual Project is located on NTS map sheet 115-N-09, 70 kilometres south of Dawson City, Y.T, in the Dawson Mining District. It is situated on the height of land between Ten Mile Creek and Twenty Mile Creek, both tributaries of the Sixty Mile River. Latitude and longitude of the property is approximately 63°32'N, 140°05'W. A total of 73 Val, Jual and RDU claims comprise the project, with current claim data found on the following table:

Claim Name	Grant Numbers	Registered Owner	Expiry Date Y/M/D
Val 1-6	YC07772 to YC07777	Bernard Kreft	2016/10/29
Val 8	YC07779	"	"
Val 10	YC07781	"	"
Val 12	YC07783	"	"
Val 14-15	YC07785 to YC07786	"	"
Val 17	YC07788	"	"
Val 19	YC07790	"	"
Jual 30-36	YC07829 to YC07835	"	"
Jual 39-40	YC07838 to YC07839	"	"
RDU 195-212	YC94004 to YC94021	"	"
RDU 217-224	YC94026 to YC94033	"	"
RDU 226-230	YC94035 to YC94039	"	"
RDU 236	YC94045	"	"
RDU 251-258	YC94060 to YC94067	"	"
RDU 281	YD07881	"	"
RDU 283	YD07883	"	"
RDU 285	YD07885	"	"
RDU 287	YD07887	"	"
RDU 289	YD07889	"	"
RDU 291	YD07891	"	"
RDU 293-295	YD07893 to YD07895	"	"
RDU 297	YD07897	"	"
RDU 299	YD07899	"	"

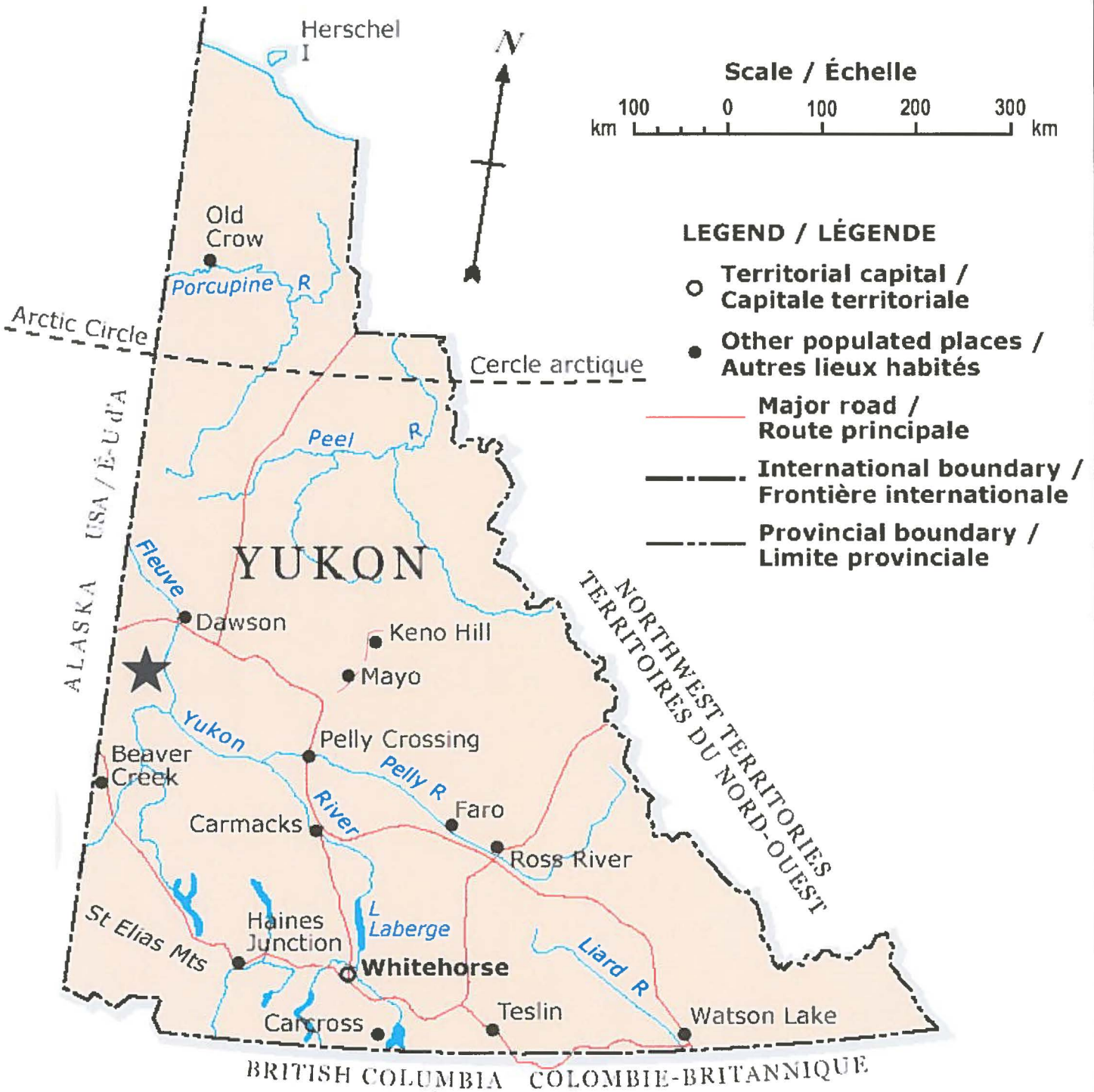
\* expiry date pending acceptance of this report by the Dawson Mining Recorder

**Access** – Access is best achieved by helicopter from Dawson City, with numerous landing sites available at higher elevations and along the placer mined portion of Ten Mile Creek. Fixed wing aircraft can access the Lammers Airstrip, which is located at the mouth of Ten Mile Creek, approximately 8.5 kilometres east of the centre of the property. There is barge access to the mouth of the Sixty Mile River, 7 km east of the airstrip. Recent road construction has connected the barge landing to the airstrip and beyond to the network of placer mining roads running along the heavily placer mined Ten Mile Creek valley. A rough exploration road extends from the Ten Mile Creek valley bottom placer workings through the centre of the Jual showing and ends at the Teckphel showing.

**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 surficial weathering during the early to mid-Tertiary, as a result, natural bedrock exposures are rare and the effects of surface weathering extend to depths of as much as 80 metres or more. Overburden and regolithic material likely averages 1-2 metres in thickness, necessitating the use of mechanized trenching to efficiently expose bedrock. Permafrost is widespread on north facing slopes and sporadically occurs in other areas. Although snow cover is mostly gone by mid-May, frost does not leave the ground sufficiently to allow exploration work such as soil sampling until mid-June at the earliest. The property is 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

ARCTIC OCEAN  
OCÉAN ARCTIQUE

Beaufort Sea  
Mer de Beaufort



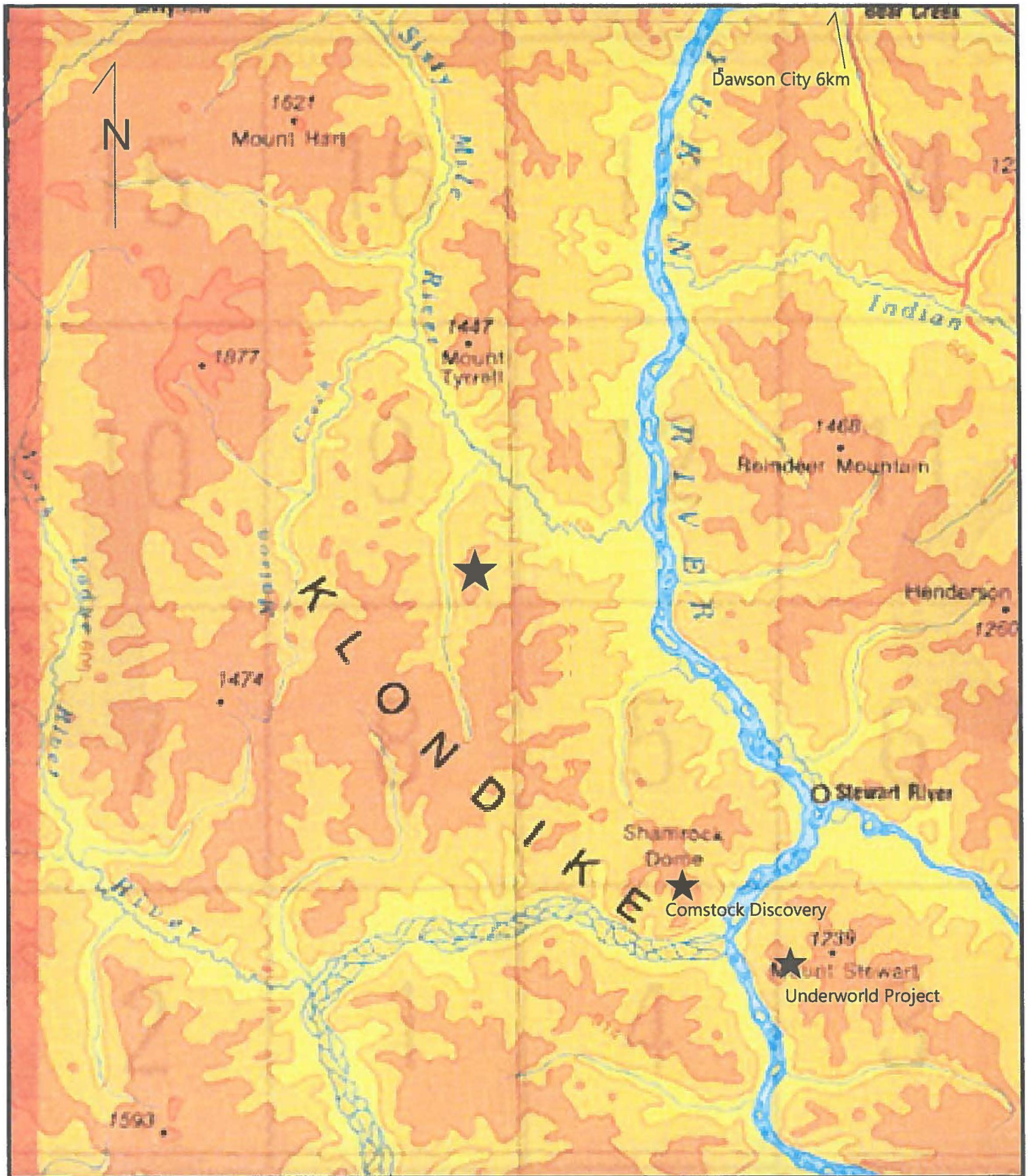
Val-Jual Project ★

To Accompany: 2014 Val-Jual Final

November 11, 2014

By: Jarret & Justin Kreft

Figure 1

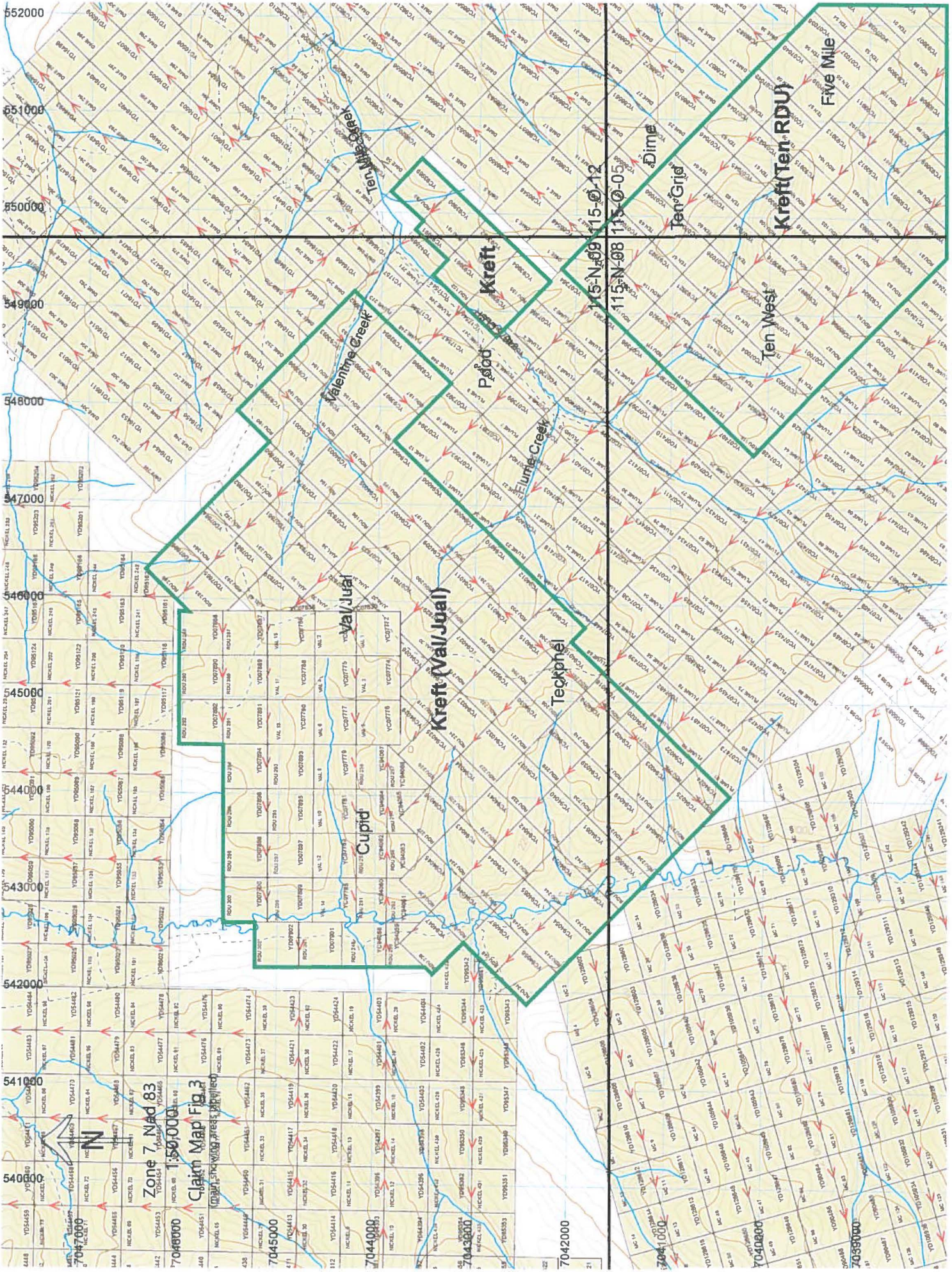


Val-Jual Project ★

By: Jarret & Justin Kreft November 11, 2014

0km 10km 25km

115-N E-1/2 and 115-O W-1/2 Figure 2



stunted trees predominating at higher elevations as well as on north facing slopes and in areas of permafrost or poor drainage.

**History And Previous Work** – Placer gold mining has been conducted in the Ten Mile Creek drainage basin since 1898, with a total of 31,754 ozs of gold reportedly recovered during the period 1978-2006. Given that gold production records are often incomplete and gold is commonly not reported by the producer, it is likely that the actual amount is much higher. Placer gold generally occurs as small flakes and chunks with some quartz attached, with rare nuggets up to 3.5 ozs in size. Raw gold ranges in purity from 83%-84.5%, which is comparable in purity to gold from Thistle Creek (84%-89%), which is the closest significant placer gold producing creek to the Underworld Project. Given the generally narrow valley and overall small deposit size, the ground is considered rich by placer mining standards, with the most heavily mined section of Ten Mile Creek located between the mouth and left limit tributary Valentine Creek, which drains the east edge of the Jual Zone. Mining of reduced intensity continued upstream from Valentine Creek, past the mouth of Flume Creek (which drains the Teckphel Zone) with the current workings ending at the mouth of a right limit tributary draining the Ten West Zone which is part of the nearby Ten Project. The placer deposit characteristics are suggestive of a locally derived bedrock source(s), with a limited amount of associated sulphide mineralization.

Although there is a long history of placer mining, documented systematic hard-rock exploration did not commence until 1998. That year the Val and Jual claims, and nearby Ten claims were staked by Teck Corporation, and the intervening Flume claims were staked by Phelps Dodge as parts of regional exploration programs designed to explore for Pogo type occurrences in the Yukon. Significant placer gold production from Ten Mile Creek, as well as coincident highly anomalous gold-arsenic RGS stream silt geochemistry in the Ten Mile Creek area helped focus exploration efforts to the area.

Work by Teck Corp during 1998-2001 on the Val-Jual project included prospecting, mapping, stream sediment sampling, and grid based soil sampling at 50m sample intervals on 100m or 200m spaced lines along with limited reconnaissance style soil sampling culminating in a total of 16 excavator trenches. Although lack of outcrop hampered mapping and prospecting efforts, trench locations were based more on ease of access as opposed to geochemical merit, and soil samples were taken from the B horizon (which in the un-glaciated Dawson Range invariably yields low and erratic metal values when compared to sampling within the C horizon), results were very encouraging, and helped partially define 3 main mineralized areas:

**Jual Zone:** Numerous intrusive hosted west to north-west trending flat to moderately dipping quartz veins and fault zones occur with many samples returning values in the 8-16 g/t Au range along with occasionally highly anomalous Ag-Pb-Cu. Strong west and north-west trending gold soil anomalies (values to 670 ppb Au) occur over a 1400m x 600m area and remain strongly open to the west. Trenching and chip sampling of 85 and 110 ppb gold in soil anomalies, peripheral to the higher soil sample results, yielded values of 1.6 g/t Au over 25.0 metres (including 11.1 g/t Au over 3.0 metres), and 1.0 g/t Au over 19.0 metres (including 8.5 g/t Au over 1.5m). Most of the highest grade gold in soil anomalies remained un-trenched due to steep topography or frozen overburden hindering trenching attempts.

**Cupid Zone:** This zone lies 3.0 kilometres to the west of the Jual Zone and contains quartz veined and iron carbonate altered granitic subcrop assaying up to 3.54 g/t Au along with occasional highly anomalous silver and lead, and several reconnaissance scale soil samples with up to 378 ppb Au. Based on the open-ended nature of the Jual Zone soil anomalies and the numerous geological, geochemical and mineralogical similarities between Jual and Cupid it is

felt that the 2 zones may in fact be part of a single intrusive hosted gold system approximately 5.5 square kilometres or larger in size.

**Teckphel Zone:** This zone is located approximately 2.0 kilometres to the south of Jual. Reconnaissance soil work by Teck partially defined a 600 metre wide gold-arsenic soil anomaly with values up to 295 ppb Au and 1505 ppm As. Work by Phelps Dodge on their adjacent portion of this zone returned anomalous gold-arsenic in soils over a 200 metre by 500 metre area, open to the west, with values up to 615 ppb Au and 895 ppm As. Phelps Dodge conducted rock sampling within soil pits and encountered several weakly anomalous gold values, with up to 159 ppb Au from a sample of brecciated and hematitic granite. This zone straddles the contact between a granitic intrusive presumed to be Triassic to Jurassic in age and a Devono-Mississippian schist unit.

**Kreft 2009:** Exploration completed during the 2009 field season by Bernie Kreft consisted of claim staking (24 claims) along the north edge of the property, as well as soil sampling (182 samples) consisting of a broad-space grid covering the Cupid Zone, and two reconnaissance lines over the Teckphel Zone. Soils at Cupid returned up to 378 ppb Au along with weakly anomalous Pb while sampling at Teckphel returned up to 164 ppb Au along with As-Pb-Ag; confirming previous results from these areas. The southern-most soil sample line on the Cupid grid encountered a single point with 189 ppb Au and weakly anomalous lead. Due to a lack of continuity with the main Cupid zone this sample will be known as the Cupid Junior Zone.

Exploration by Solomon Resources during the 2010 and 2011 field seasons consisted of airborne geophysical surveys, trenching and soil sampling resulting in exploration successes at the Jual, Cupid and Teckphel zones and culminating in a 3-hole 375m diamond drilling program at Teckphel. Results from the Solomon Program are discussed on a zone by zone basis as follows:

**Jual Zone:** Work consisted of 10 trenches using a helicopter portable excavator and soil sampling. Four of the trenches were designed to test results from the historic Teck trenches, with results of this confirmation sampling outlined in the table below:

Teck Trenching Program			Solomon Trenching Program				
Trench #	Au	Length	Trench #	Au	Length	Including	
	g/t	m		g/t	m	g/t	m
2	0.5	12	1	0.45	12	0.7	4
3	1.13	2	4	0.26	10		
5	1.2	6	7	0.88	4	1.5	2
6	1.81	2	10	0.36	10	0.68	2
9	1.6	25	Teck Trench 9 Not Resampled				
11	2.01	2	Teck Trench 11 Not Resampled				
15	1.0	19	Teck Trench 15 Not Resampled				

The remaining 6 trenches failed to return any anomalous gold values, but it appears they were randomly located away from areas with anomalous gold soil geochemistry and therefore may have been excavated prior to the receipt of soil sample results.

Soil sampling consisted of resampling the Teck grid at 50m sample intervals x 100m line intervals as well as expanding it to the east, west and south. Values of up to 787 ppb gold, along with weakly anomalous Pb-Cu were encountered, and appear to show east-west as well

as northwest trending zones. Most soil anomalies remain to be closed off with potential for significant expansion existing to the west in the direction of the Cupid Zone.

**Cupid Zone:** Work consisted of 50m sample interval x 100m line interval grid soil sampling along the ridge to the north of the highest gold in rock values from the Cupid Zone. This work returned values of up to 319 ppb Au along with weakly anomalous Pb-Cu. All soil anomalies remain to be closed off with potential for expansion existing southwards towards the main Cupid gold in rock anomalies and to the east towards the Jual Zone.

**Teckphel Zone:** Work consisted of 50m sample interval x 100m line interval grid soil sampling followed by a 3-hole drill program totalling 375 metres. Soil sampling encountered values of up to 1,436 ppb gold along with highly anomalous arsenic values often exceeding 1,000 ppm, with the majority of high gold values concentrated around the margins of a strong eThK anomaly thought to represent an altered intrusive body. The best diamond drill intersection returned 55 metres of 335 ppb Au associated with highly anomalous arsenic within a weakly limonitic and chlorite altered brecciated and veined pyrite and arsenopyrite mineralized quartz mica schist in contact with a granite body. Analyses of the granite body returned only erratically distributed values of greater than 100 ppb gold associated with weakly anomalous amounts of lead and arsenic.

**Geology And Mineralization** – The project is situated on the southwest side of the Tintina Fault, within Yukon Tanana Terrane (YTT) strata. The YTT 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 YTT, with the area south and west of Dawson receiving considerable attention since 1993 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 that extends from south-eastern Yukon to south-western Alaska, and includes the Fort Knox, Dublin Gulch, Brewery Creek, Pogo and Donlin Creek deposits. Mineralization at these deposits covers a wide spectrum of high-grade mesothermal veins, intrusion hosted sheeted veins, large-tonnage and low-grade disseminations and stockworks, skarns and mantos, with the majority of this mineralization being intrusion related.

A recent significant surge in local exploration activity has occurred since the discovery by Underworld Resources of the Golden Saddle and Arc deposits at the White Gold Project. At Golden Saddle, intrusion-related gold mineralization is preferentially hosted within metamorphosed felsic intrusive units, as well as felsic and mafic metavolcanic rocks, with the principal host rock a granitoid that has been metamorphosed to an augen gneiss. Gold mineralization is associated with quartz veins, stockwork and breccia zones, as well as pyrite veinlets and disseminations, with better-grade gold mineralization found in proximity to ultramafic units. The alteration assemblage includes pervasive albite, carbonate, sericite and silicification. The main mineralized zone strikes to the northeast, with a gentle to moderate dip to the northwest. The generally lower grade and smaller Arc Deposit is hosted by metasedimentary rocks (quartzite), and is typified by hydrothermal breccias and silicification, with mineralization associated with arsenic, which is distinct to the Golden Saddle deposit which contains limited to no arsenic.

Work by Phelps Dodge on their Flume claims, which are adjacent to the Val-Jual property, has encountered gold values within quartz arsenopyrite galena veins, narrow pyrite and arsenopyrite



bearing fault zones, skarn altered material with galena and sphalerite as well as silicified and bleached felsic or granitic intrusive material with variable amounts of sulphide.

The Val-Jual property is primarily underlain by a Triassic to Jurassic quartz monzonite intrusion which cuts Proterozoic and/or Palaeozoic metamorphic basement rocks comprised of brown weathering muscovite biotite psammitic schist, biotite schist, graphitic schist, muscovite-biotite quartzite, variable quartz-mica schist, and muscovite-chlorite granodiorite gneiss. These metasedimentary rocks locally exhibit hornfelsing at the contact with the intrusion. Structurally interleaved with the metasedimentary rocks are a suite of deformed and metamorphosed Middle Palaeozoic intrusions represented by melanocratic quartz augen gneiss, leucocratic feldspar augen gneiss and granitic pegmatite. Two main phases of the Triassic to Jurassic intrusion have been distinguished. One phase consists of a fresh, pink coloured, medium grained to rarely fine grained, equigranular biotite quartz monzonite with 10-15% biotite. The second phase is white in colour, fine grained to almost aphanitic with 4% fine biotite, commonly exhibits clay alteration along with possible potassic alteration, and generally resembles an altered intrusive occurring at Pogo. Iron-carbonate alteration is also relatively common within the intrusive in the Val-Jual project area. Although current mapping shows the intrusive as being fully unroofed, the presence of widespread metasedimentary rocks within the Jual Zone trenches suggests that the erosion depth is much less.

Auriferous mineralization within the Jual Zone trenches, and at the Cupid Zone, is predominantly associated with vein or stockwork zones within fractured and brecciated, silicified and occasionally bleached (albitized?) intrusive and lesser metasedimentary rocks. Two styles of quartz veins occur, a brittle milky white variety with aggregates of minor galena and/or pyrite and a cryptocrystalline pale coloured, commonly vuggy variety with minor galena, pyrite and chalcopryite. The vuggy vein and stockwork zones with minor fine galena tend to carry higher gold values. Significant gold values associated with minor amounts of disseminated pyrite and/or galena have also been noted within altered areas of the intrusion. The Teckphel Zone is located at the contact between intrusive and metasedimentary units which are variably silicified, carbonate altered, bleached (albitized?) and faulted or brecciated. Soil and rock sample data shows a strong gold-arsenic correlation, suggesting the style of mineralization here is distinct to that at the Jual and Cupid Zones which commonly contain only limited arsenic. The table below summarizes geochemical data of rock grab samples with the highest gold values from various zones in the Val-Jual Project area. See figure 3, Claim Map, for location details.

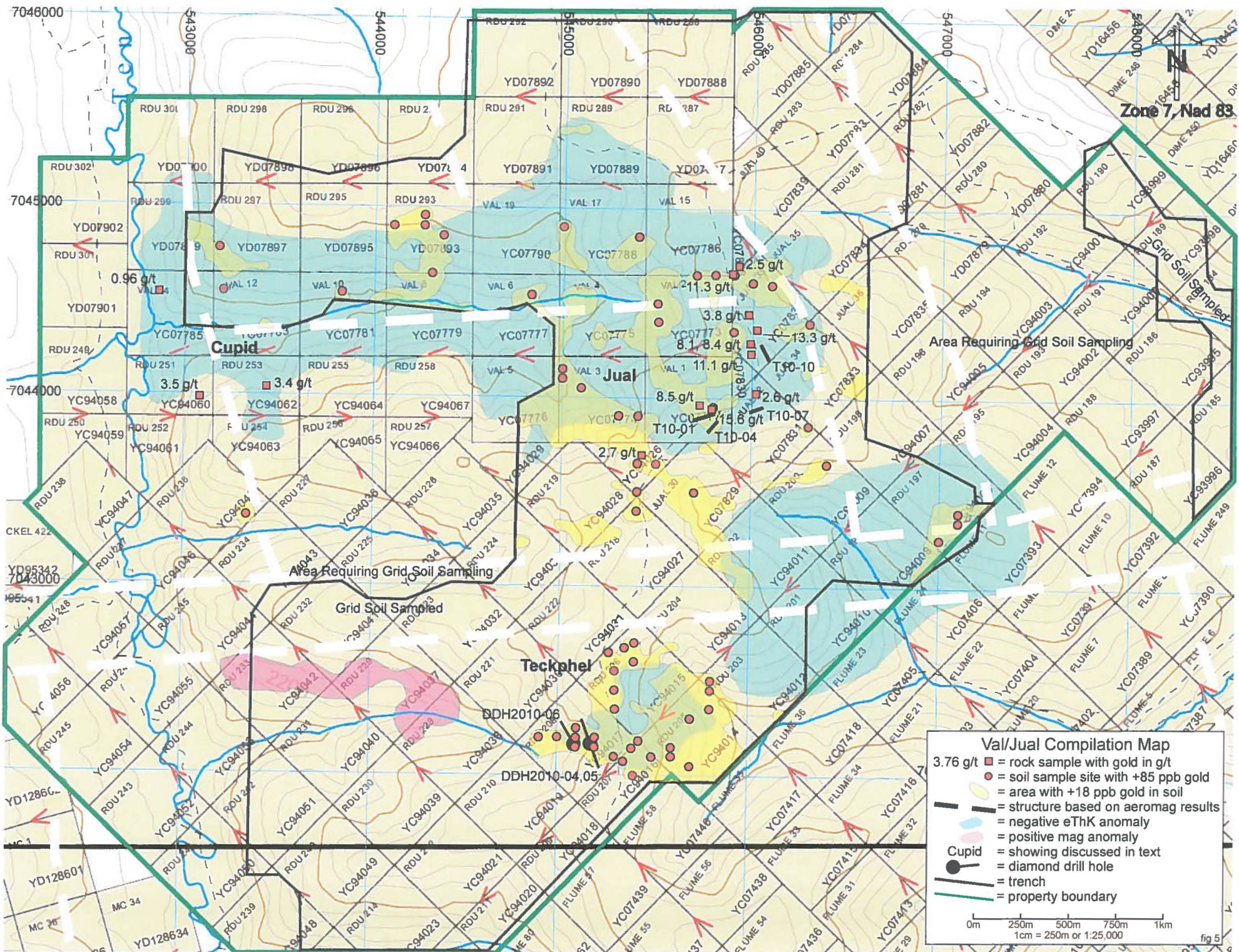
Sample	Au ppb	Ag ppm	As ppm	Pb ppm	Sb ppm	Zone	Assessment Report
00520	3760	1.0	<5	356	<5	Ten West	094041
7186	3810	>30.0	>10000	524	250	Jual Zone	094041
7193	11130	<0.2	<5	12	<5	Jual Zone	"
596	11280	0.6	<5	2	<5	Jual Zone	"
598	8710	4.2	<5	2578	<5	Jual Zone	"
6794	2050	10.0	260	1468	<5	Jual Zone	"
11088	1290	8.0	<5	>10000	<5	Galena Cr-Five Mile	"
536	3480	8.6	<5	8458	<5	Galena Cr-Five Mile	"
540	1540	>30.0	10	>10000	<5	Galena Cr-Five Mile	"
7100	5360	0.6	30	50	<5	Galena Cr-Five Mile	094447
565	960	0.4	5	66	<5	Cupid	094041
6875	3540	1.4	<5	368	<5	Cupid	"
77093	102	1.6	71	146	7	Teckphel	094202
77094	159	0.7	150	92	<5	Teckphel	"
64651	180	2.3	2052	1695	<5	Ten	"
64653	180	<0.2	4085	15	<5	Ten	"
185417	134	<0.4	646	11	<5	Ten	094447

**Geophysical Data** – During 2002 the GSC sponsored an airborne geophysical survey (Multisensor Airborne Geophysical Survey; GSC Open File 4310) which covered a broad area including the Val-Jual Project. Subsequent Solomon Resources work programs included a property scale airborne magnetic and radiometric geophysical survey. When combined this work shows that the Jual, Teckphel and Cupid mineralized zones are all associated with strong negative eTh/K anomalies. Given that thorium enrichment generally does not accompany potassium during hydrothermal alteration processes, eTh/K ratios provide an excellent way to distinguish between potassic alteration and anomalous potassium related to normal lithological variations. The gold bearing zones defined to date show an excellent correlation with this “potassic” zone, with much of the alteration zone between the Jual and Cupid zones remaining relatively un-explored. Magnetic data from both property and regional scale surveys outlines numerous parallel northwest trending magnetically low lineaments which likely represent fault structures dissecting the project. These northwest trending structures appear to end within, or be sinistrally offset as much as 1.25 kilometres by later east northeast trending cross-faults. This proposed structural regime would contain numerous dilational zones favourable for the introduction of mineralization. A similar structural regime occurs at the White Gold deposit's Golden Saddle Zone, which is located where a north south structure is sinistrally offset by an east-west cross-fault.

**Current Work And Results** – Exploration work completed during the 2014 field season consisted of soil and rock sampling at the Cupid Junior Zone, and a single soil sample line along with prospecting at the Jual Zone. Soil samples were taken from the lower B to upper C horizon, found at an average depth of 50 centimetres, using hand held augers. Sampling conditions were good on the south facing slope at Cupid Junior, while work at the flat lying and topographically higher Jual Zone encountered several patches of frozen ground likely due to a late spring thaw. Sample sites were marked in the field using flagging inscribed with the sample code, with sample medium placed in industry standard soil sample envelopes. All samples were analyzed by ACME, with soils prepped by SS80 (100g to -80 mesh assay), rocks prepped by PRP7-250 (250g split and pulverize assay) and analyses completed using their AQ201 (36 element aqua regia ICP-MS) package. All rock samples that returned greater than 0.5 g/t Au were subjected to their FA430 (fire assay with AAS finish) method, with FA430 results grading more than 10 g/t Au subjected to the G6Gr (fire assay with gravimetric finish) package.

Exploration at the Cupid Junior Zone yielded 17 soil samples with a maximum value of 26.1 ppb Au and 9 rock samples with a maximum value of <0.5 ppb Au. The highest Au in soil value is associated with 71.6 ppm Pb and 122 ppm As, with both values considered to be highly anomalous for those elements on a property scale. Bedrock exposed in a series of small hand-dug pits just to the east of the anomalous sample site consists of variably fractured and limonitic quartzite with trace disseminated pyrite.

Follow up work at the Jual Zone yielded 10 rock samples and 54 soil samples from a single prospecting and soil sample line. This work helped define what appear to be two distinct styles of mineralization; a gold only assemblage near the north end of the line, and a gold base metal assemblage near the south end of the line. The gold only assemblage yielded results of 10.2 g/t Au from a grab sample of an intrusive hosted bifurcating quartz vein and 41.8 g/t Au (the highest gold value on the property to date) from a grab sample of a bleached and brecciated intrusive. Soil samples in the immediate vicinity of these high grade rock samples returned up to 95.5 ppb Au. The gold base metal assemblage yielded a rock sample with values up to 0.52 g/t Au and 9858.1 ppm Pb along with weakly anomalous arsenic and copper, and soil samples with up to 20.2 ppb Au and 67.6ppm Pb. Bedrock in this area is predominantly limonitic granite, with



Zone 7, Nad 83

Area Requiring Grid Soil Sampling

Area Requiring Grid Soil Sampling

Grid Soil Sampled

Cupid

Teckphel

DDH2010-06

DDH2010-04.05

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

2.6 g/t

13.3 g/t

11.3 g/t

3.5 g/t

3.4 g/t

0.96 g/t

2.5 g/t

3.8 g/t

8.1 g/t

8.4 g/t

11.1 g/t

8.5 g/t

15.8 g/t

2.7 g/t

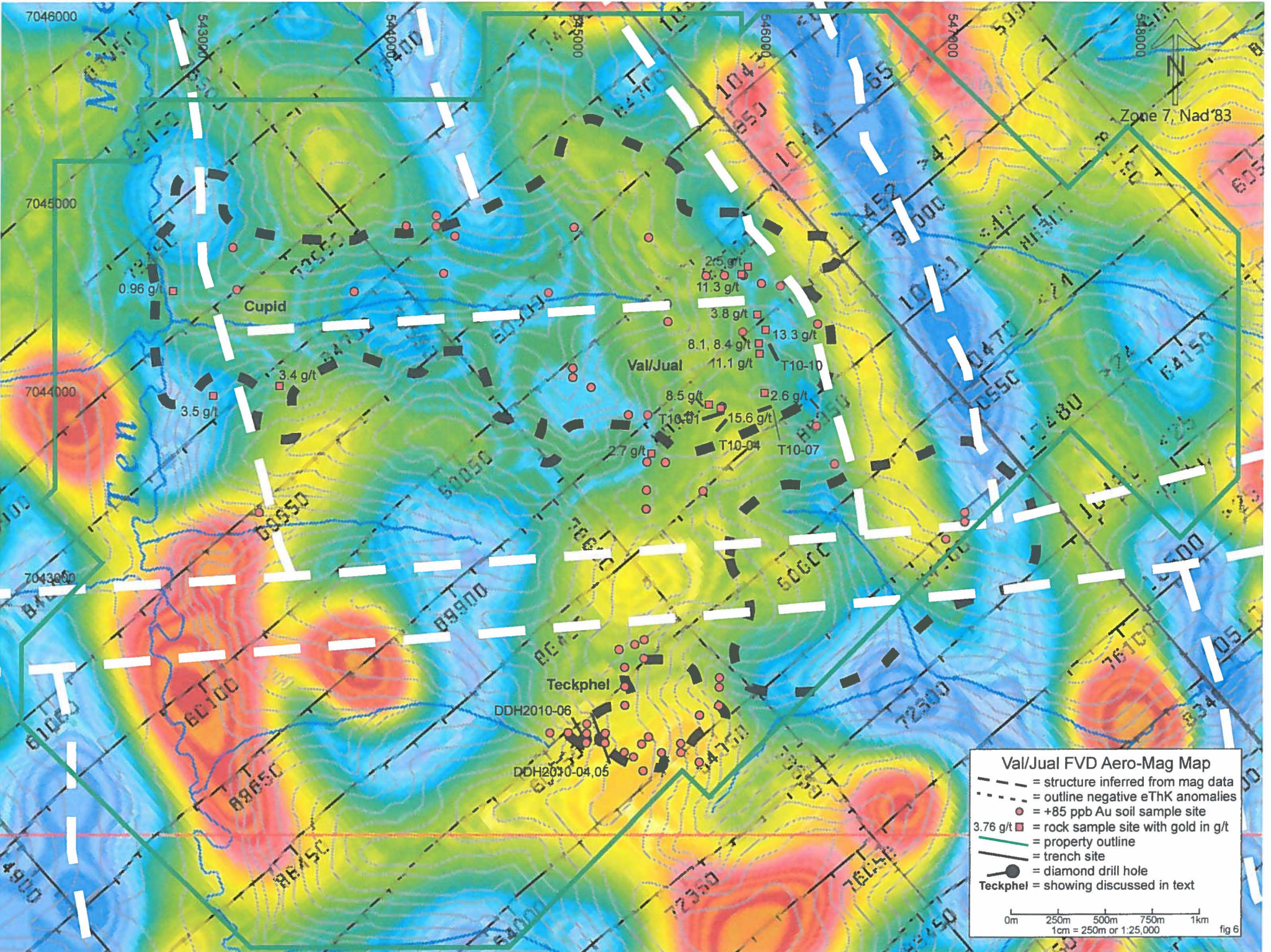
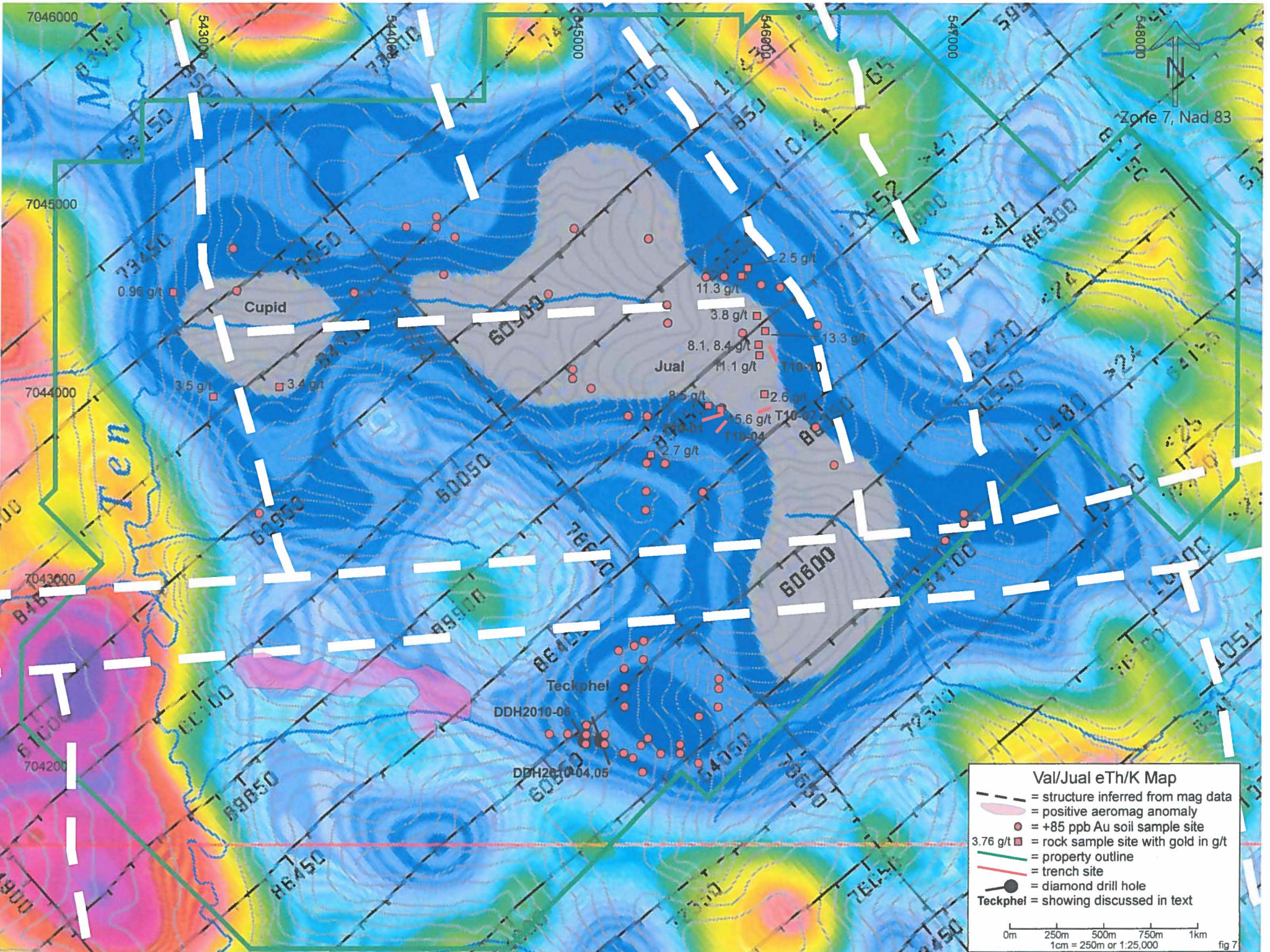


fig 6



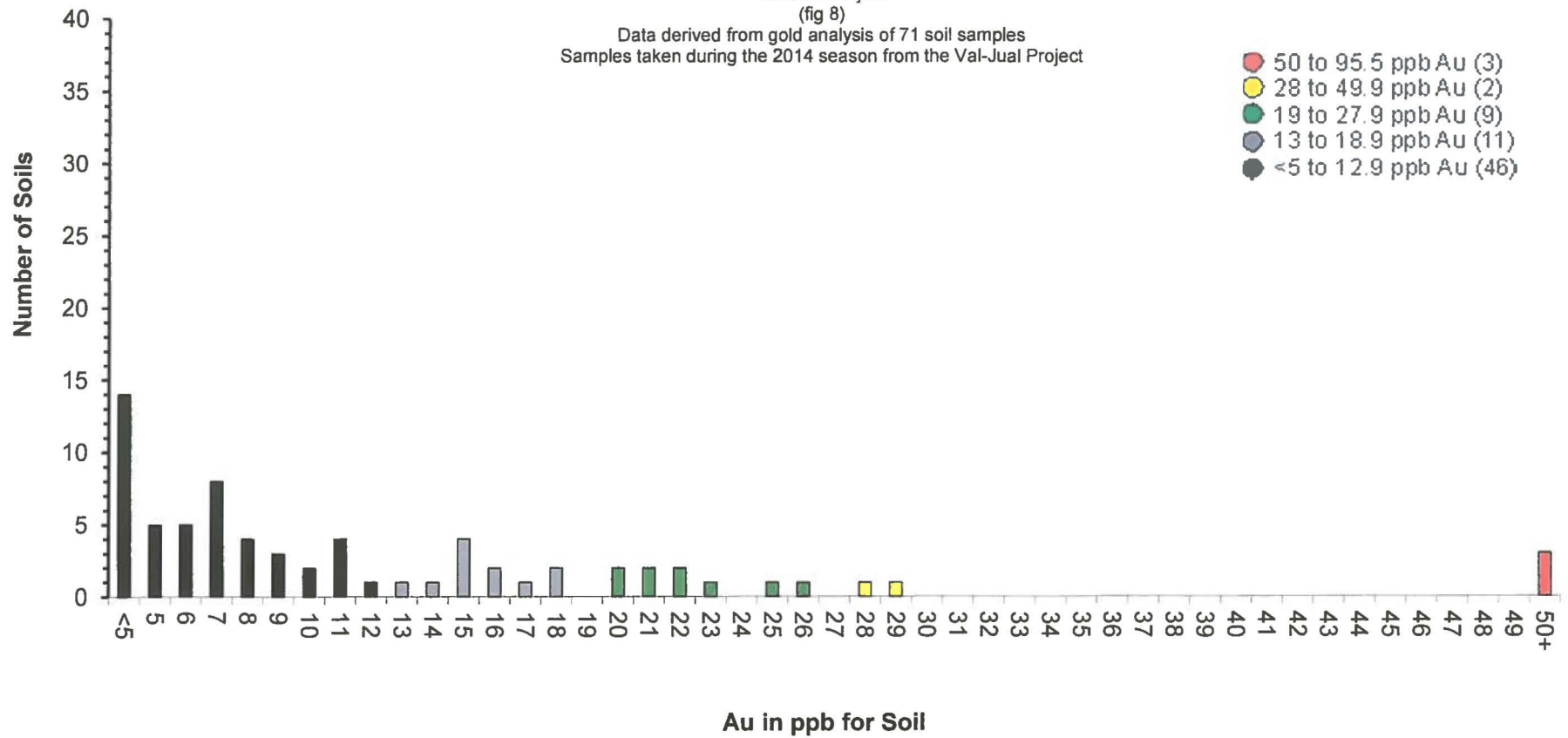
**Val/Jual eTh/K Map**

- = structure inferred from mag data
- = positive aeromag anomaly
- = +85 ppb Au soil sample site
- = rock sample site with gold in g/t
- = property outline
- = trench site
- = diamond drill hole
- Teckphel** = showing discussed in text

0m 250m 500m 750m 1km  
1cm = 250m or 1:25,000

Val-Jual Project  
(fig 8)

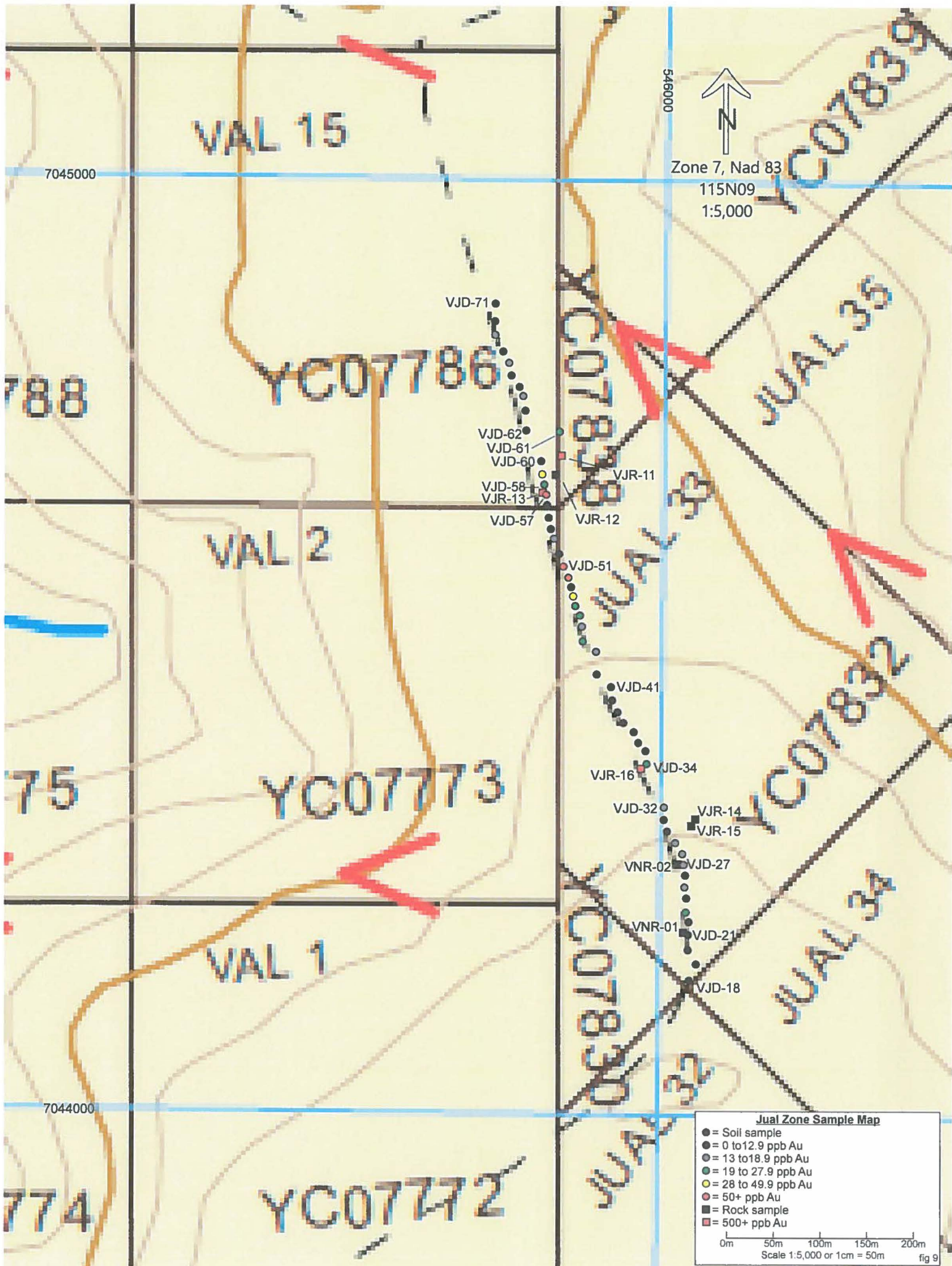
Data derived from gold analysis of 71 soil samples  
Samples taken during the 2014 season from the Val-Jual Project

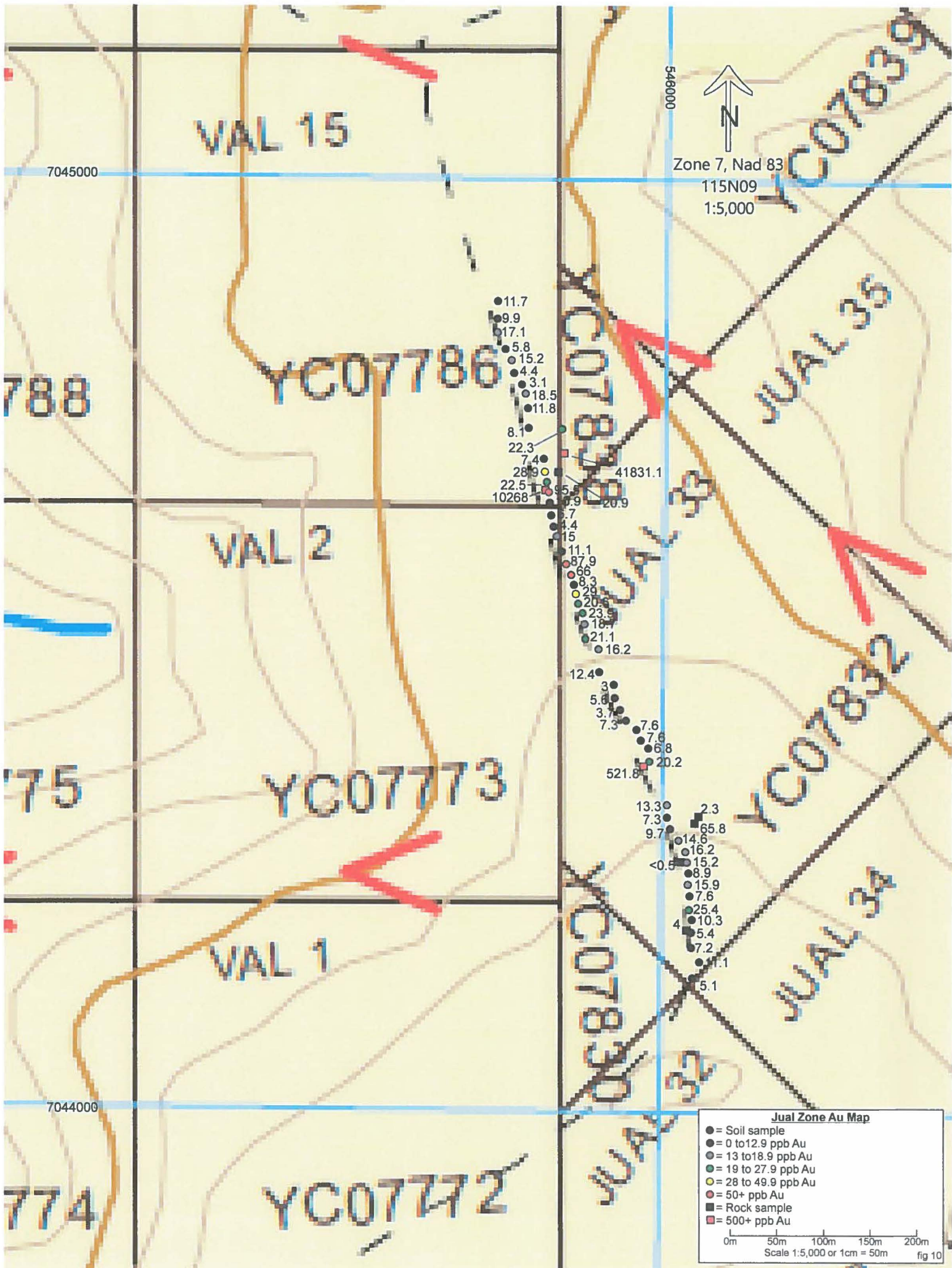


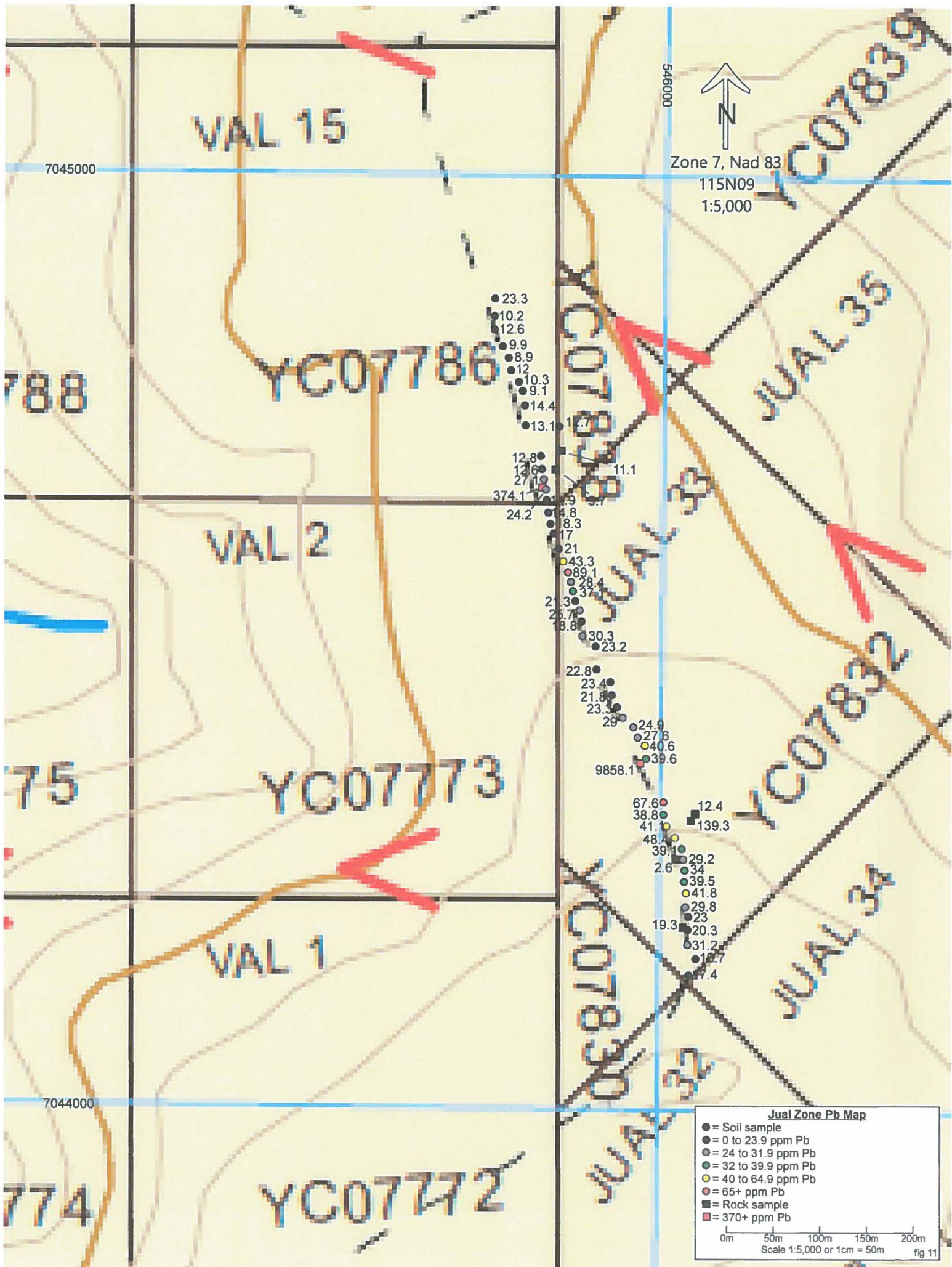
occasional trace disseminated pyrite, cut by quartz veins occasionally mineralized with galena-chalcopyrite-arsenopyrite.

**Conclusions** – Exploration work designed to confirm, and further define, previous anomalous results met with significant success at the Jual Zone and only limited success at Cupid Junior. Work at Cupid Junior failed to repeat previous results of up to 189 ppb gold in soil, encountering a maximum of 26.1 ppb Au, 71.6 ppm Pb and 122 ppm As in soil which although lower than the previous high suggests exploration potential still remains in that area. Sampling at the Jual Zone returned rock samples with up to 41.8 g/t Au, which is the highest gold value to date from the property, suggesting excellent exploration upside remains. The highest 2014 gold in rock values were found in an area where property scale aeromagnetics suggested a northwest trending structure is intersected by a later(?) east northeast trending cross-fault, with geological support for the presence of these inferred structures granted by the brecciated nature of the highest grade sample. A broad range of mineralization and alteration styles suggests the presence of a robust mineralizing system with many characteristics similar to the Golden Saddle Zone of the Underworld project. Previous soil sampling consisted of 100m spaced lines with 50m sample intervals which was too wide-spaced to accurately define mineralized zones on the topographically subdued ridge top where almost all of the trenching of the Jual zone has been concentrated. Exploration at the Jual Zone shouldn't commence until mid-June at the earliest to ensure frost has left the ground sufficiently to allow for proper soil sampling depths to be reached.

**Recommendations** – Further work is highly recommended. A series of small (up to 150m x 200m) grids with samples at 12.5m intervals on 12.5m spaced lines should be constructed over high potential areas on the flat portion of the ridge top. Suggested areas for detailed sampling include: RDU 217, the area of samples VJD-46 to VJD-62 from the 2014 program, RDU-293 and Val-1. Soil sampling is also required for the area west of the Jual Zone through to the Cupid Zone. Anomalies generated by soil sampling should be subjected to prospecting and hand trenching and possibly a ground based magnetometer survey with the results of this work used to define targets for mechanized trenching and/or drilling.







7045000

VAL 15

Zone 7, Nad 83  
115N09  
1:5,000

788

YC07786

23.3  
10.2  
12.6  
8.9  
12  
10.3  
9.1  
14.4  
13.1

YC07838

JUAL 35

VAL 2

12.8  
12.6  
27.1  
374.1  
24.2

YC07839

JUAL 33

75

YC07773

11.1  
11.9  
11.7  
14.8  
18.3  
17  
21  
43.3  
89.1  
28.4  
37.4  
21.3  
25.7  
18.8

YC07830

JUAL 32

VAL 1

22.8  
23.4  
21.8  
23.3  
29

YC07831

JUAL 31

774

YC07772

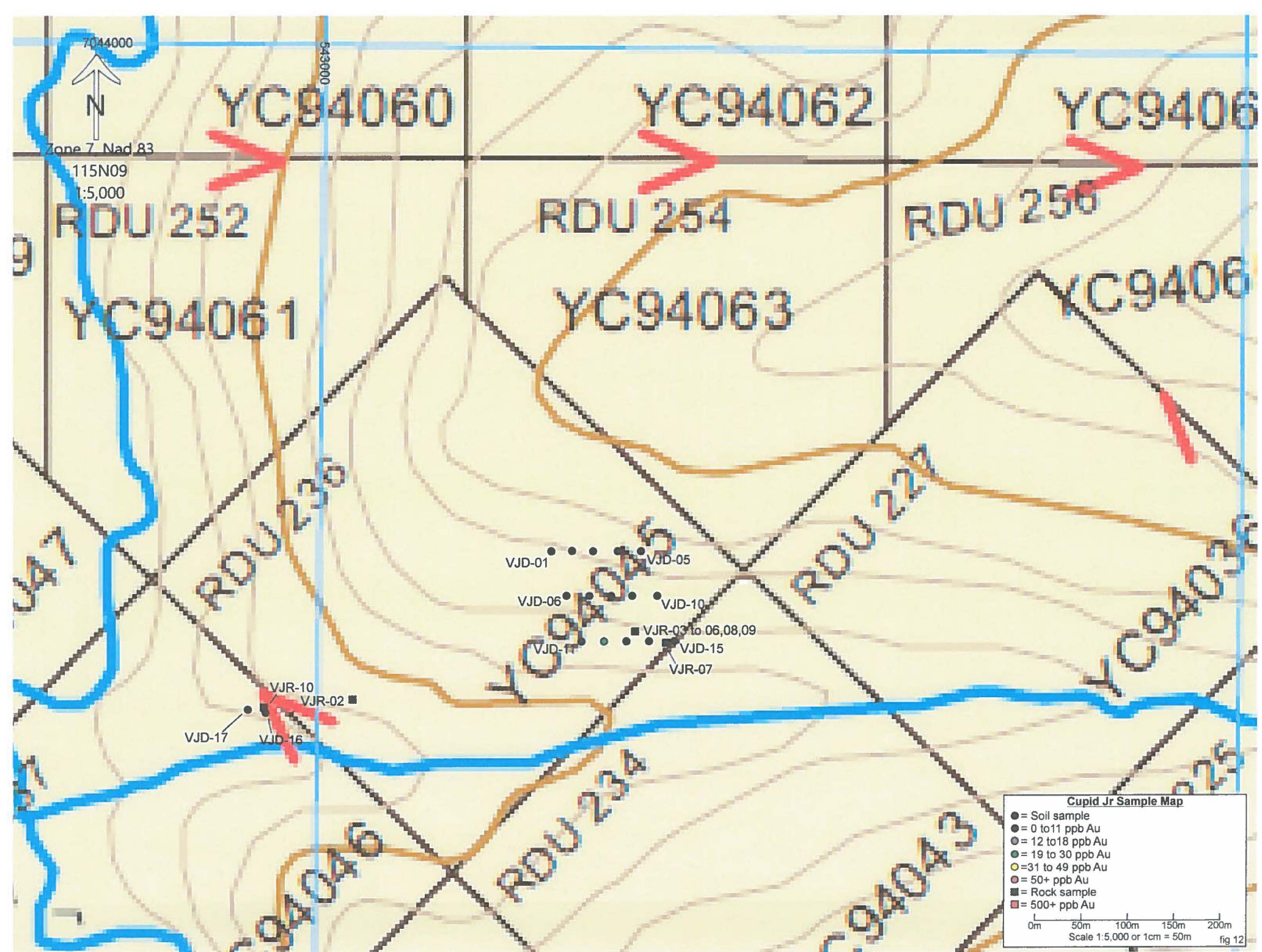
9858.1  
67.6  
38.8  
41  
48.4  
39.1  
2.6  
34  
39.5  
41.8  
29.8  
23  
19.3  
20.3  
31.2  
12.7  
17.4

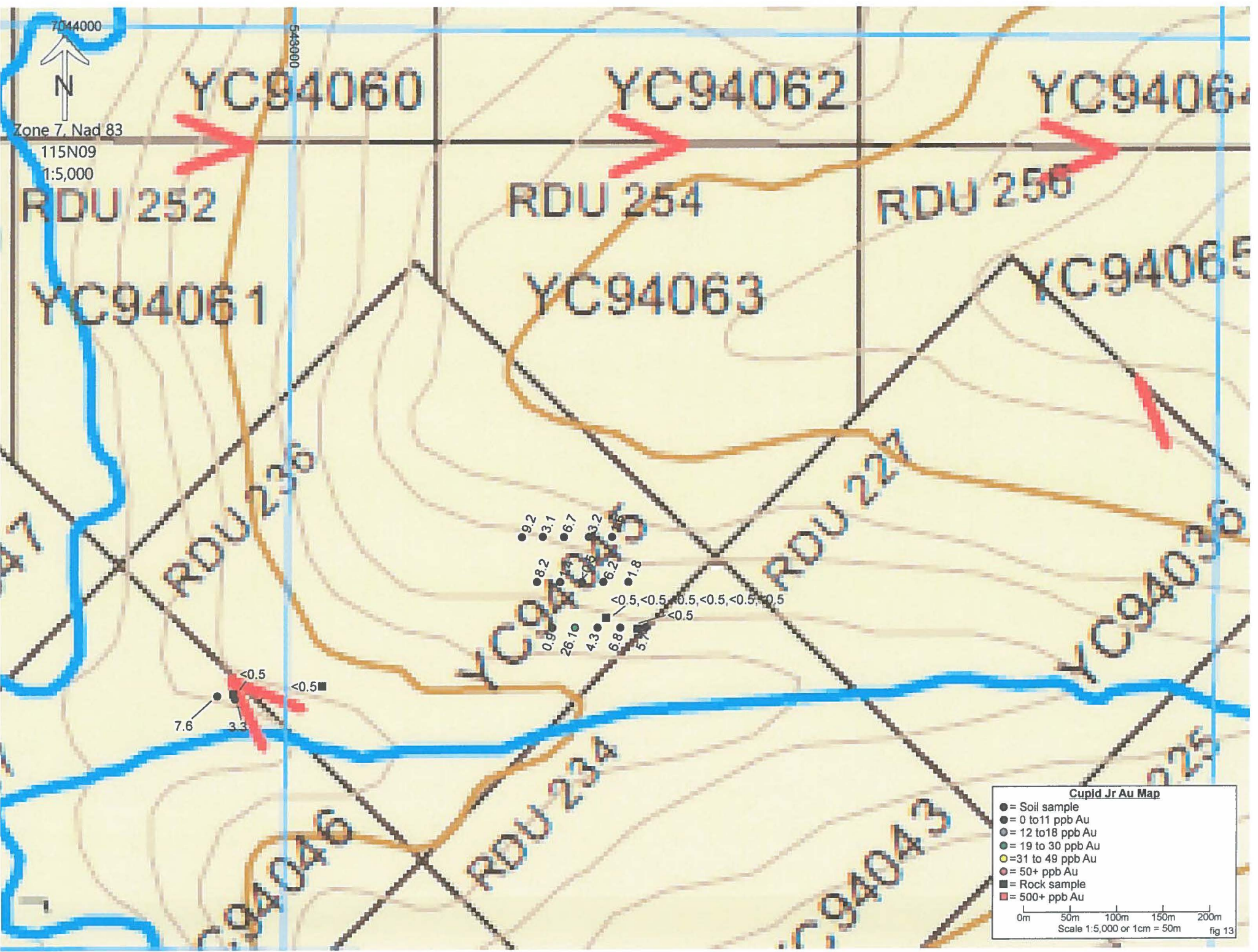
YC07832

JUAL 34

YC07833

JUAL 30





7044000  
 N  
 Zone 7, Nad 83  
 115N09  
 1:5,000

YC94060

YC94062

YC94064

RDU 252

RDU 254

RDU 256

YC94061

YC94063

YC94065

RDU 236

RDU 221

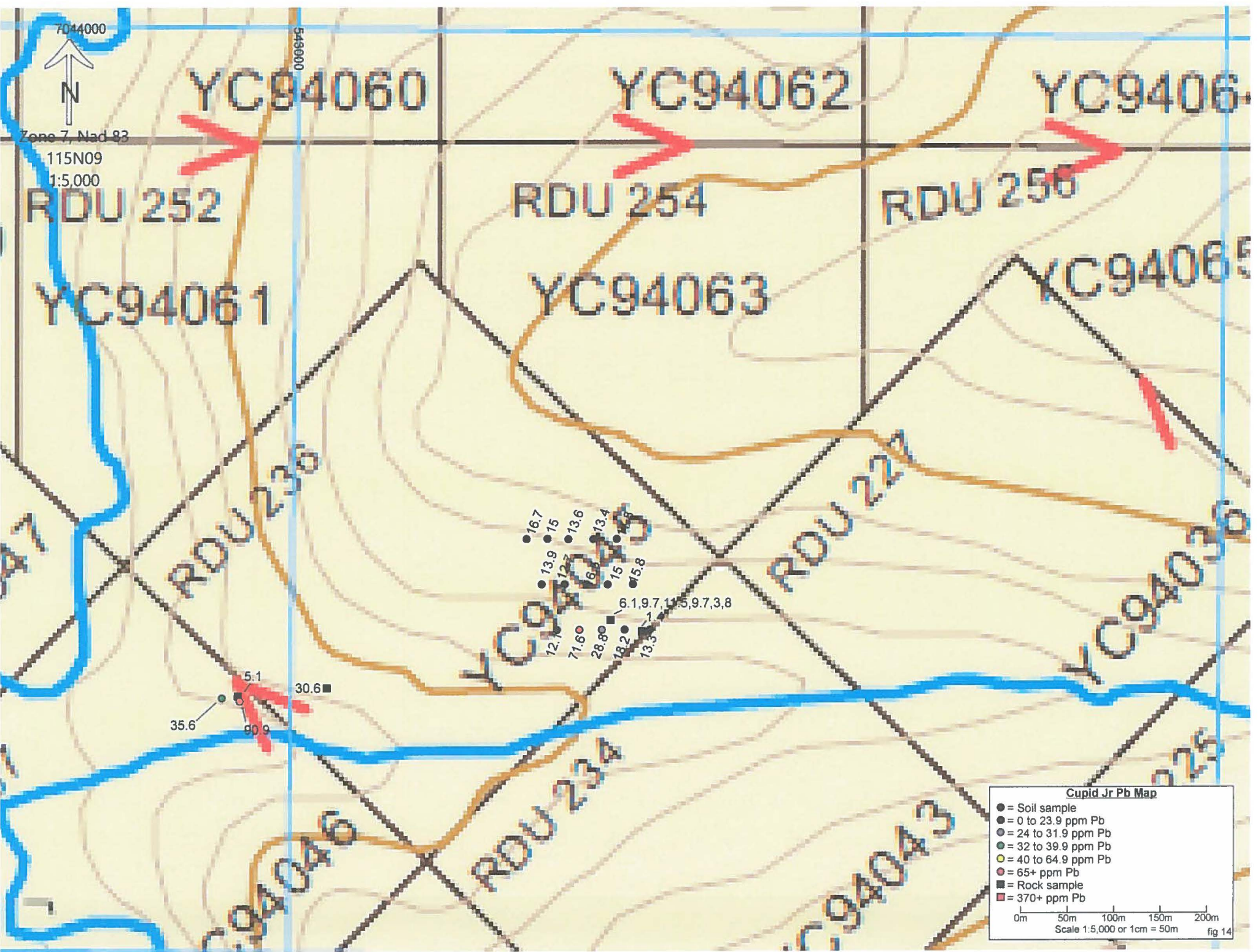
YC94036

RDU 234

YC94043

9.2  
 3.1  
 6.7  
 3.2  
 8.2  
 1.4  
 0.5  
 6.2  
 1.8  
 0.5, <0.5, <0.5, <0.5, <0.5  
 <0.5  
 0.9  
 26.1  
 4.3  
 6.8  
 5.7

<0.5  
 7.6  
 3.3  
 <0.5



7044000  
 ↑  
 N  
 Zone 7, Nad 83  
 115N09  
 1:5,000

YC94060 YC94062 YC94064

RDU 252 RDU 254 RDU 256

YC94061 YC94063 YC94065

RDU 236 RDU 228 YC94039

5.1 30.6  
 35.6 90.9

16.7 13.9 15 13.6 13.4 15 15.8  
 12.7 12.7 8.7 6.1, 9.7, 11.5, 9.7, 3.8  
 71.60 28.80 18.2 13.3

YC94046 RDU 234 YC94043 RDU 225

<u>Name</u>	<u>Type</u>	<u>Easting</u>	<u>Northing</u>	<u>Description</u>	<u>Au</u>	<u>Ag</u>	<u>As</u>	<u>Cu</u>	<u>Pb</u>	<u>Au PPM</u>	<u>Au g/t</u>
VJR-01	Rock	542920	7043280	Silvery bleached biotite schist minor lim	0.9	0.5	77.2	56.2	12		
VJR-02	Rock	543043	7043285	Calcite veined limestone	<0.5	<0.1	3.9	0.8	30.6		
VJR-03	Rock	543340	7043360	Weakly pyritic and lim Qtzt with lim. along fracs	<0.5	<0.1	14.9	4.1	6.1		
VJR-04	Rock	543340	7043360	Weakly pyritic Qtzt with lim.	<0.5	<0.1	5.7	1.6	9.7		
VJR-05	Rock	543340	7043360	As above with Mn stain or poss VFG blacksulphied patch	<0.5	<0.1	5.7	2.1	11.5		
VJR-06	Rock	543340	7043360	As per VJR-03	<0.5	<0.1	2.8	2.1	9.7		
VJR-07	Rock	543378	7043349	As above with poss black metallic sulphide along frac	<0.5	<0.1	3.1	2.9	1.4		
VJR-08	Rock	543340	7043360	As per sample VJR-04	<0.5	<0.1	11.4	2.5	3		
VJR-09	Rock	543340	7043360	VFG lim Qtzt or poss QV with lim frac Stkwrk and tr to 0.2% diss py	<0.5	<0.1	15.2	3.9	8		
VJR-10	Rock	542941	7043274	Brx qtz-ser-schist with lim, qtz as fragments or boudin trace diss py	<0.5	0.1	22.5	22.2	5.1		
VJR-11	Rock	545896	7044702	Rubble, brx/bleached lim. intrusive with trace diss py	41831.1	6.5	6.3	9.1	11.1	>10.0	38.2
VJR-12	Rock	545890	7044685	Bleached intrusive cut by mm/cm scale QV's trace py in wallrock	20.9	<0.1	<0.5	2.2	5.7		
VJR-13	Rock	545875	7044665	Bleached /weakly pyritic intrusive cut by bifurcating QV	10268	2.1	<0.5	1.1	374.1	6.635	
VJR-14	Rock	546041	7044321	Qtz veined/stkwkd lim. and bleached intrusive with trace py	2.3	<0.1	0.6	1.2	12.4		
VJR-15	Rock	546036	7044320	30 +/- cm wide qtz vein with lim./trace py	65.8	0.5	2.9	11.1	139.3		
VJR-16	Rock	545981	7044370	Qtz vn with approx 0.25% galena py-chalcocite	521.8	20.4	100.5	310	9858.1	0.474	
VJR-17	Rock	545820	7044833	Qtz lim. vein with trace py cutting lim. and weakly bleached intrusive	15.9	<0.1	<0.5	1.9	14.4		
VNR-01	Rock	546033	7044193	Qtz vein cutting Lim. granitic intrusive	4	0.1	1.7	19.3	47.4		
VNR-02	Rock	546028	7044269	As per VNR-01	<0.5	<0.1	0.8	2.6	5.7		
VJD-01	Soil	543253	7043450	Very rocky, poss "B", rusty spots	9.2	<0.1	11.5	21.2	16.7		
VJD-02	Soil	543278	7043450	Dark brown dirt, rocky area	3.1	<0.1	10.8	30.4	15		
VJD-03	Soil	543303	7043450	Brown dirt, rusty spots, rocky area	6.7	<0.1	9	25.4	13.6		
VJD-04	Soil	543328	7043450	Light brown dirt	3.2	<0.1	12.8	27.9	13.4		
VJD-05	Soil	543353	7043450	Brown dirt, a bit of rust	1.6	<0.1	25.1	32.2	17.8		
VJD-06	Soil	543270	7043400	Heavily lim. granite @ site, limonitic specks in brown dirt	8.2	<0.1	9.5	26.1	13.9		
VJD-07	Soil	543294	7043400	Some rust specks, brown dirt	1.4	<0.1	9.1	22.8	12.7		
VJD-08	Soil	543320	7043400	Small rusty rocks at site, brown dirt	<0.5	<0.1	15.7	22.7	16.5		
VJD-09	Soil	543345	7043400	Brown dirt, damp	6.2	<0.1	19.8	37.3	15		
VJD-10	Soil	543370	7043400	Brown dirt, damp	1.8	0.2	15.9	22.9	15.8		
VJD-11	Soil	543287	7043350		0.9	0.1	12.9	25.9	12.1		
VJD-12	Soil	543312	7043350		26.1	0.1	122	52.7	71.6		
VJD-13	Soil	543337	7043350		4.3	0.1	23.4	28.8	28.8		
VJD-14	Soil	543362	7043350		6.8	0.1	21.4	46.6	18.2		
VJD-15	Soil	543387	7043350		5.7	<0.1	18.3	15.3	13.3		
VJD-16	Soil	542941	7043267		3.3	0.4	68.7	61.9	90.9		
VJD-17	Soil	542924	7043272		7.6	0.4	70	61.5	35.6		
VJD-18	Soil	546038	7044150		5.1	<0.1	9.5	18.1	17.4		
VJD-19	Soil	546038	7044163		11.1	<0.1	7.8	26.7	16.7		
VJD-20	Soil	546032	7044179		7.2	<0.1	9	22.8	31.2		
VJD-21	Soil	546033	7044193		5.4	<0.1	8.8	19	20.3		
VJD-22	Soil	546030	7044204		10.3	<0.1	7	19	23		
VJD-23	Soil	546024	7044215		25.4	<0.1	10	20.9	29.8		

<u>Name</u>	<u>Type</u>	<u>Easting</u>	<u>Northing</u>	<u>Description</u>	<u>Au</u>	<u>Ag</u>	<u>As</u>	<u>Cu</u>	<u>Pb</u>	<u>Au PPM</u>	<u>Au g/t</u>
VJD-24	Soil	546028	7044232		7.6	<0.1	8.8	21.7	41.8		
VJD-25	Soil	546029	7044244		15.9	<0.1	8.5	20.5	39.5		
VJD-26	Soil	546026	7044257		8.9	<0.1	6.8	28.2	34		
VJD-27	Soil	546028	7044269		15.2	<0.1	8.9	36.4	29.2		
VJD-28	Soil	546021	7044277		16.2	0.2	6.4	22	39.1		
VJD-29	Soil	546017	7044292		14.6	<0.1	7.9	25.8	48.4		
VJD-30	Soil	546009	7044320		9.7	0.1	6.2	22.8	41.1		
VJD-31	Soil	546006	7044331		7.3	0.2	6.3	25.5	38.8		
VJD-32	Soil	546008	7044346		13.3	0.1	6	13.5	67.6		
VJD-33	Soil	546004	7044361	No Sample, frozen	21.3	<0.1	7.8	22.3	18.1		
VJD-34	Soil	545995	7044372		20.2	0.1	5.3	29.8	39.6		
VJD-35	Soil	545985	7044386		6.8	0.1	7.8	19.9	40.6		
VJD-36	Soil	545976	7044392		7.6	0.1	7.7	16.9	27.6		
VJD-37	Soil	545970	7044406		7.6	<0.1	7	24.3	24.9		
VJD-38	Soil	545963	7044417		7.3	<0.1	9.3	18.8	29		
VJD-39	Soil	545957	7044431		3.7	<0.1	8.9	21	23.3		
VJD-40	Soil	545951	7044442		5.6	<0.1	8.6	14.7	21.8		
VJD-41	Soil	545945	7044456		3	<0.1	8.7	17.7	23.4		
VJD-42	Soil	545929	7044470		12.4	<0.1	6.8	25.1	22.8		
VJD-43	Soil	545932	7044482		16.2	<0.1	8.9	12.2	23.2		
VJD-44	Soil	545928	7044497		21.1	<0.1	7.5	20.9	30.3		
VJD-45	Soil	545920	7044507		18.7	<0.1	8.2	21.8	18.8		
VJD-46	Soil	545917	7044520		23.9	<0.1	6.6	18.8	25.7		
VJD-47	Soil	545913	7044533		20.6	<0.1	8.1	32.2	21.3		
VJD-48	Soil	545910	7044541		29	<0.1	6.3	19.1	37.1		
VJD-49	Soil	545901	7044561		8.3	<0.1	7.8	24	28.4		
VJD-50	Soil	545902	7044570		66	<0.1	11.7	19.3	89.1		
VJD-51	Soil	545896	7044580		87.9	<0.1	7.4	18.8	43.3		
VJD-52	Soil	545890	7044600		11.1	<0.1	9.8	21.8	21		
VJD-53	Soil	545888	7044612		15	<0.1	5.8	17.9	17		
VJD-54	Soil	545883	7044623		4.4	<0.1	9.2	24	18.3		
VJD-55	Soil	545879	7044646		6.7	<0.1	8.8	23.2	14.8		
VJD-56	Soil	545875	7044656		10.9	<0.1	13.3	11.8	14.9		
VJD-57	Soil	545877	7044664		95.5	<0.1	5.4	14.3	24.2		
VJD-58	Soil	545872	7044685		22.5	<0.1	4.1	8.8	27.1		
VJD-59	Soil	545870	7044697		28.9	<0.1	6.7	25.3	12.6		
VJD-60	Soil	545869	7044707		7.4	<0.1	8.9	13.2	12.8		
VJD-61	Soil	545859	7044729		22.3	<0.1	8.3	23.4	12.7		
VJD-62	Soil	545855	7044735		8.1	<0.1	9.3	15.5	13.1		
VJD-63	Soil	545851	7044751		11.8	<0.1	4.9	20.2	14.4		
VJD-64	Soil	545849	7044766		18.5	<0.1	5.4	23.4	9.1		
VJD-65	Soil	545842	7044776		3.1	<0.1	6.7	8.1	10.3		

<u>Name</u>	<u>Type</u>	<u>Easting</u>	<u>Northing</u>	<u>Description</u>	<u>Au</u>	<u>Ag</u>	<u>As</u>	<u>Cu</u>	<u>Pb</u>	<u>Au PPM</u>	<u>Au g/t</u>
VJD-66	Soil	545839	7044790		4.4	<0.1	9.2	18.5	12		
VJD-67	Soil	545836	7044805		15.2	<0.1	1.5	25.9	8.9		
VJD-68	Soil	545828	7044816		5.8	<0.1	7.2	23.8	9.9		
VJD-69	Soil	545822	7044831		17.1	<0.1	4.9	21.8	12.6		
VJD-70	Soil	545821	7044847		9.9	<0.1	8.1	47	10.2		
VJD-71	Soil	545819	7044865		11.7	<0.1	9	101	23.3		

## Statement of Costs

Truck Travel (to Dawson/around town, 1100km x 0.60/km)	\$660.00
Acme Analytical (71 soils, 19 rocks)	\$2,282.22
Report Writing, Mailing and Duplication	\$2,360.00
Wages Nathaniel Rodden (1.75 field days x \$275/day)	\$481.25
Wages Jarret Kreft (1.75 field days x \$275/day)	\$481.25
Wages Justin Kreft (1.75 field days x \$275/day)	\$481.25
Wages Bernie Kreft (1.75 days x \$350/day)	\$612.50
Hotel (2 nights x \$100/night)	\$200.00
Helicopter: TNTA (1 round trip and around site)	\$3,279.94
Food And Camp Supplies (4 x 1.75 days x \$100/day)	\$700.00
Sample Shipping Greyhound	<u>\$75.61</u>
Total	\$11,614.02

## **Statement of Qualifications**

We, Jarret Kreft and Justin Kreft, participated in the exploration work described herein.

We have a combined 16 years prospecting experience in the Yukon and BC.

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

This report is based on fieldwork completed during the 2014 field season.

This report is based on fieldwork completed on the Ten-RDU Project

Respectfully Submitted,

---

Jarret Kreft

---

Justin Kreft



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
PHONE (604) 253-3158

Client: **Kreft, Bernie**  
1 Locust Place  
Whitehorse YT Y1A 5G9 CANADA

Submitted By: Bernie Kreft  
Receiving Lab: Canada-Vancouver  
Received: June 12, 2014  
Report Date: June 20, 2014  
Page: 1 of 6

## CERTIFICATE OF ANALYSIS

VAN14001840.2

### CLIENT JOB INFORMATION

Project: None Given  
Shipment ID:  
P.O. Number  
Number of Samples: 146

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: **Kreft, Bernie**  
1 Locust Place  
Whitehorse YT Y1A 5G9  
CANADA

CC:

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	146	Dry at 60C			VAN
SS80	146	Dry at 60C sieve 100g to -80 mesh			VAN
AQ201	146	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. \*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Kreft, Bernie**  
 1 Locust Place  
 Whitehorse YT Y1A 5G9 CANADA

Project: None Given  
 Report Date: June 20, 2014

Page: 4 of 6 Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN14001840.2

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
[REDACTED]	Soil	0.7	31.1	10.5	53	<0.1	22.4	8.5	334	2.80	11.5	[REDACTED]	5.3	39	<0.1	0.7	0.1	65	0.26	0.014	23
[REDACTED]	Soil	0.9	22.8	11.9	54	0.2	22.9	11.3	723	2.89	12.2	[REDACTED]	4.3	126	<0.1	0.6	0.2	64	0.57	0.027	16
[REDACTED]	Soil	0.8	18.7	9.7	51	<0.1	20.8	11.0	430	2.73	11.5	[REDACTED]	4.5	56	0.1	0.4	0.1	65	0.36	0.016	14
[REDACTED]	Soil	0.5	18.2	9.3	52	0.1	18.7	9.3	524	2.62	13.1	[REDACTED]	3.9	61	0.1	0.5	0.1	63	0.39	0.028	14
[REDACTED]	Soil	0.7	23.4	13.7	60	0.1	20.3	9.5	521	2.81	11.2	[REDACTED]	3.8	55	0.1	0.4	0.2	67	0.39	0.035	19
[REDACTED]	Soil	0.8	13.8	10.5	43	<0.1	15.8	7.2	298	2.38	9.1	[REDACTED]	3.5	36	<0.1	0.4	0.2	62	0.29	0.019	13
[REDACTED]	Soil	0.7	18.6	13.6	51	<0.1	20.0	8.4	385	2.45	8.9	[REDACTED]	4.4	57	0.1	0.4	0.2	52	0.44	0.022	18
[REDACTED]	Soil	0.8	20.5	12.6	59	<0.1	24.5	11.5	312	2.73	[REDACTED]	[REDACTED]	5.2	46	<0.1	0.6	0.1	59	0.40	0.025	17
[REDACTED]	Soil	0.8	32.0	13.6	58	0.1	25.6	11.4	488	2.86	[REDACTED]	[REDACTED]	5.0	92	0.1	0.4	0.2	56	0.69	0.046	20
[REDACTED]	Soil	1.0	28.5	14.3	61	[REDACTED]	28.3	11.7	533	2.87	[REDACTED]	[REDACTED]	5.9	72	<0.1	0.5	0.1	57	0.58	0.044	23
[REDACTED]	Soil	0.8	41.5	18.1	66	[REDACTED]	38.5	12.2	441	2.99	[REDACTED]	[REDACTED]	4.8	95	<0.1	0.6	0.2	59	0.76	0.045	26
[REDACTED]	Soil	0.4	29.9	16.4	58	[REDACTED]	32.7	11.9	461	2.46	[REDACTED]	[REDACTED]	4.3	158	0.4	0.5	0.1	47	0.91	0.037	17
[REDACTED]	Soil	0.6	26.3	20.8	65	<0.1	29.6	11.5	380	2.65	[REDACTED]	[REDACTED]	6.6	79	0.1	0.5	0.1	50	0.65	0.045	21
[REDACTED]	Soil	0.6	27.9	13.4	55	<0.1	23.5	10.2	370	2.49	8.8	[REDACTED]	5.6	59	0.1	0.6	0.2	47	0.64	0.037	18
[REDACTED]	Soil	1.2	17.6	16.8	58	<0.1	18.8	9.0	271	2.99	9.6	[REDACTED]	3.2	24	0.1	0.5	0.2	68	0.22	0.025	12
VJD-01	Soil	0.6	21.2	16.7	51	<0.1	20.5	9.7	358	2.50	11.5	[REDACTED]	4.9	42	0.2	0.5	0.2	52	0.56	0.026	14
VJD-02	Soil	0.7	30.4	15.0	55	<0.1	26.4	10.4	437	2.64	10.8	3.1	5.1	50	0.1	0.7	0.2	57	0.55	0.022	19
VJD-03	Soil	0.7	25.4	13.6	50	<0.1	21.2	9.6	409	2.54	9.0	6.7	4.6	53	0.1	0.4	0.2	55	0.59	0.029	15
VJD-04	Soil	0.8	27.9	13.4	52	<0.1	24.3	11.1	388	2.77	12.8	3.2	4.8	43	<0.1	0.7	0.2	61	0.51	0.022	18
VJD-05	Soil	0.8	32.2	17.8	54	<0.1	27.6	14.4	531	3.08	25.1	1.6	6.4	36	<0.1	0.6	0.2	69	0.47	0.033	19
VJD-06	Soil	0.6	26.1	13.9	48	<0.1	23.9	9.4	389	2.43	9.5	8.2	4.8	35	0.1	0.5	0.2	52	0.46	0.022	17
VJD-07	Soil	0.4	22.8	12.7	46	<0.1	20.8	9.2	367	2.45	9.1	1.4	4.9	36	<0.1	0.6	0.2	52	0.47	0.017	17
VJD-08	Soil	0.7	22.7	16.5	50	<0.1	24.8	12.0	441	2.72	15.7	<0.5	5.1	33	<0.1	0.5	0.2	62	0.40	0.023	14
VJD-09	Soil	0.8	37.3	15.0	56	<0.1	34.4	15.1	526	3.28	19.8	6.2	6.1	36	0.1	0.7	0.2	76	0.48	0.017	25
VJD-10	Soil	0.8	22.9	15.8	54	0.2	27.6	11.6	381	2.90	15.9	1.8	6.0	33	<0.1	0.6	0.2	59	0.43	0.013	17
VJD-11	Soil	0.7	25.9	12.1	47	0.1	27.6	10.4	502	2.70	12.9	0.9	4.9	38	<0.1	0.6	0.2	56	0.46	0.016	17
VJD-12	Soil	1.3	52.7	71.6	103	0.1	37.5	14.2	443	3.90	122.0	26.1	18.0	20	0.3	1.1	0.3	28	0.25	0.033	38
VJD-13	Soil	1.0	28.8	28.8	55	0.1	29.9	11.1	357	3.05	23.4	4.3	8.5	31	<0.1	0.5	0.2	52	0.37	0.023	20
VJD-14	Soil	0.8	46.6	18.2	62	0.1	52.7	14.2	675	3.12	21.4	6.8	5.8	36	<0.1	0.7	0.2	65	0.52	0.016	21
VJD-15	Soil	0.7	15.3	13.3	41	<0.1	19.5	9.2	350	2.31	18.3	5.7	5.6	30	<0.1	0.4	0.1	50	0.37	0.023	14

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Kreft, Bernie**  
 1 Locust Place  
 Whitehorse YT Y1A 5G9 CANADA

Project: None Given  
 Report Date: June 20, 2014

Page: 4 of 6 Part: 2 of 2

CERTIFICATE OF ANALYSIS VAN14001840.2

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
		Cr	Mg	Ba	Tl	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
[REDACTED]	Soil	38	0.53	283	0.080	<1	1.97	0.015	0.05	<0.1	0.03	8.3	<0.1	<0.05	5	<0.5	<0.2
[REDACTED]	Soil	35	0.46	416	0.080	<1	2.27	0.015	0.07	0.1	0.03	7.2	<0.1	<0.05	6	<0.5	<0.2
[REDACTED]	Soil	35	0.54	235	0.085	<1	1.76	0.015	0.06	<0.1	0.02	6.3	<0.1	<0.05	5	0.6	<0.2
[REDACTED]	Soil	32	0.47	234	0.077	<1	2.07	0.015	0.07	<0.1	0.02	6.5	<0.1	<0.05	6	0.8	<0.2
[REDACTED]	Soil	33	0.48	302	0.067	2	2.05	0.015	0.05	0.1	0.02	5.9	<0.1	<0.05	6	1.1	<0.2
[REDACTED]	Soil	29	0.48	262	0.076	<1	1.62	0.016	0.05	<0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
[REDACTED]	Soil	28	0.44	231	0.068	<1	1.58	0.017	0.13	0.1	0.02	4.6	<0.1	<0.05	5	<0.5	<0.2
[REDACTED]	Soil	36	0.53	218	0.085	<1	1.67	0.016	0.10	0.1	<0.01	4.5	<0.1	<0.05	5	<0.5	<0.2
[REDACTED]	Soil	34	0.54	293	0.074	<1	1.71	0.023	0.08	0.1	0.03	5.8	<0.1	<0.05	5	0.5	<0.2
[REDACTED]	Soil	36	0.59	327	0.082	1	1.75	0.022	0.08	0.1	0.03	6.1	<0.1	<0.05	6	<0.5	<0.2
[REDACTED]	Soil	45	0.59	353	0.070	<1	1.84	0.021	0.09	0.2	0.05	6.3	<0.1	<0.05	6	<0.5	<0.2
[REDACTED]	Soil	33	0.57	321	0.089	<1	1.46	0.027	0.20	0.1	0.03	5.3	<0.1	<0.05	4	<0.5	<0.2
[REDACTED]	Soil	38	0.56	256	0.106	1	1.70	0.020	0.15	0.2	0.02	5.6	0.1	<0.05	5	<0.5	<0.2
[REDACTED]	Soil	32	0.54	247	0.079	3	1.45	0.020	0.12	0.2	0.04	4.7	<0.1	<0.05	5	<0.5	<0.2
[REDACTED]	Soil	33	0.56	198	0.066	2	2.06	0.009	0.05	0.1	0.02	4.7	<0.1	<0.05	7	<0.5	<0.2
VJD-01	Soil	32	0.51	276	0.072	1	1.66	0.022	0.07	0.1	0.02	5.2	<0.1	<0.05	5	<0.5	<0.2
VJD-02	Soil	33	0.54	325	0.080	3	1.67	0.024	0.07	0.1	0.03	6.0	<0.1	<0.05	5	<0.5	<0.2
VJD-03	Soil	33	0.56	267	0.080	2	1.70	0.027	0.08	0.1	0.03	5.6	<0.1	<0.05	5	<0.5	<0.2
VJD-04	Soil	38	0.59	306	0.093	2	1.74	0.023	0.08	0.1	0.03	6.5	<0.1	<0.05	5	<0.5	<0.2
VJD-05	Soil	56	0.77	329	0.086	2	2.06	0.015	0.19	0.1	0.03	9.4	0.1	<0.05	6	<0.5	<0.2
VJD-06	Soil	30	0.51	269	0.083	2	1.49	0.024	0.06	0.1	0.07	5.1	<0.1	<0.05	4	<0.5	<0.2
VJD-07	Soil	31	0.49	258	0.086	2	1.48	0.023	0.06	<0.1	0.03	5.0	<0.1	<0.05	4	<0.5	<0.2
VJD-08	Soil	48	0.53	315	0.078	<1	1.84	0.016	0.08	0.1	0.02	6.4	<0.1	<0.05	5	0.5	<0.2
VJD-09	Soil	53	0.74	389	0.107	4	2.20	0.017	0.11	0.1	0.03	9.3	<0.1	<0.05	6	<0.5	<0.2
VJD-10	Soil	40	0.51	298	0.087	1	1.79	0.017	0.12	0.1	0.03	7.3	<0.1	<0.05	5	<0.5	<0.2
VJD-11	Soil	32	0.56	293	0.089	1	1.65	0.022	0.09	<0.1	0.03	6.0	<0.1	<0.05	5	<0.5	<0.2
VJD-12	Soil	29	0.49	150	0.024	2	1.29	0.008	0.17	<0.1	0.03	4.9	0.1	<0.05	4	<0.5	<0.2
VJD-13	Soil	39	0.51	235	0.080	1	1.78	0.013	0.20	0.1	0.02	6.5	0.1	<0.05	5	0.7	<0.2
VJD-14	Soil	78	0.80	340	0.089	3	2.03	0.022	0.12	0.1	0.07	7.7	<0.1	<0.05	6	<0.5	<0.2
VJD-15	Soil	48	0.36	279	0.057	1	1.51	0.012	0.14	<0.1	0.01	5.5	<0.1	<0.05	4	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Kreft, Bernie**  
 1 Locust Place  
 Whitehorse YT Y1A 5G9 CANADA

Project: None Given  
 Report Date: June 20, 2014

Page: 5 of 6 Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN14001840.2

Method	Analyte	AQ201																			
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VJD-16	Soil	2.1	61.9	90.9	123	0.4	57.2	17.1	632	3.48	68.7	3.3	6.2	46	0.2	1.4	0.4	63	0.44	0.041	30
VJD-17	Soil	1.6	61.5	35.6	140	0.4	58.2	24.0	843	4.18	70.0	7.6	6.0	37	0.4	1.0	0.2	84	0.46	0.027	25
VJD-18	Soil	0.8	18.1	17.4	63	<0.1	18.8	9.4	292	3.12	9.5	5.1	3.3	24	<0.1	0.5	0.2	71	0.23	0.026	12
VJD-19	Soil	0.8	26.7	16.7	61	<0.1	22.2	10.6	395	2.99	7.8	11.1	4.0	34	0.1	0.6	0.2	65	0.33	0.028	17
VJD-20	Soil	1.0	22.8	31.2	78	<0.1	20.5	10.5	448	3.47	9.0	7.2	4.6	27	<0.1	0.5	0.2	76	0.21	0.032	13
VJD-21	Soil	1.1	19.0	20.3	61	<0.1	20.4	10.4	354	3.05	8.8	5.4	4.3	21	0.3	0.5	0.2	70	0.16	0.031	13
VJD-22	Soil	0.5	23.5	23.0	80	<0.1	20.7	9.2	477	2.72	7.0	10.3	3.2	32	0.2	0.6	0.1	57	0.32	0.040	17
VJD-23	Soil	1.3	19.0	29.8	78	<0.1	21.1	8.4	298	3.56	10.0	25.4	2.7	24	0.3	0.5	0.2	72	0.22	0.036	13
VJD-24	Soil	0.9	20.9	41.8	84	<0.1	24.6	11.4	334	3.09	8.8	7.6	4.1	24	0.1	0.4	0.2	68	0.18	0.021	12
VJD-25	Soil	1.1	21.7	39.5	135	<0.1	19.1	9.6	331	3.33	8.5	15.9	4.9	19	0.2	0.6	0.2	71	0.16	0.023	14
VJD-26	Soil	0.6	20.5	34.0	98	<0.1	20.2	9.3	346	2.83	6.8	8.9	4.7	33	0.2	0.4	0.2	68	0.32	0.020	18
VJD-27	Soil	0.6	28.2	29.2	90	<0.1	25.6	9.2	300	2.82	8.9	15.2	6.0	63	0.1	0.6	0.2	64	0.34	0.029	21
VJD-28	Soil	0.3	36.4	39.1	174	0.2	35.8	11.7	867	3.47	6.4	16.2	4.4	92	0.4	1.0	0.1	78	0.95	0.087	26
VJD-29	Soil	0.6	22.0	48.4	133	<0.1	20.6	10.6	447	3.02	7.9	14.6	5.5	46	0.2	0.7	0.2	65	0.42	0.040	17
VJD-30	Soil	0.6	25.8	41.1	139	0.1	21.8	11.3	768	3.67	6.2	9.7	6.7	78	0.2	0.8	0.2	86	0.49	0.050	25
VJD-31	Soil	0.8	22.8	38.8	112	0.2	19.6	8.3	512	2.63	6.3	7.3	3.0	55	0.3	0.5	0.2	54	0.47	0.046	18
VJD-32	Soil	0.7	25.5	67.6	130	0.1	18.8	8.7	535	2.87	6.0	13.3	3.9	70	0.3	0.6	0.2	59	0.59	0.043	18
VJD-33	Soil	0.6	13.5	18.1	59	<0.1	15.8	8.6	366	2.46	7.8	21.3	3.1	32	0.2	0.4	0.1	57	0.22	0.041	12
VJD-34	Soil	0.3	22.3	39.6	100	0.1	16.0	7.2	340	2.33	5.3	20.2	4.9	39	0.2	0.6	0.1	54	0.29	0.029	16
VJD-35	Soil	0.5	29.8	40.6	98	0.1	22.3	11.5	394	2.91	7.8	6.8	5.7	52	<0.1	0.7	0.2	65	0.45	0.033	20
VJD-36	Soil	0.6	19.9	27.6	75	0.1	18.7	10.2	362	2.63	7.7	7.6	4.8	63	<0.1	0.6	0.2	64	0.58	0.037	14
VJD-37	Soil	0.7	16.9	24.9	75	<0.1	17.4	9.2	321	2.58	7.0	7.6	4.7	44	<0.1	0.5	0.2	67	0.43	0.028	12
VJD-38	Soil	0.7	24.3	29.0	80	<0.1	22.3	11.6	484	3.01	9.3	7.3	5.3	58	<0.1	0.5	0.2	72	0.54	0.030	17
VJD-39	Soil	0.8	18.8	23.3	72	<0.1	21.0	10.6	400	2.88	8.9	3.7	3.2	59	0.1	0.5	0.2	67	0.51	0.034	14
VJD-40	Soil	0.7	21.0	21.8	60	<0.1	18.8	9.1	308	2.63	8.6	5.6	3.8	48	<0.1	0.5	0.2	65	0.40	0.030	18
VJD-41	Soil	1.0	14.7	23.4	74	<0.1	20.1	7.9	324	2.86	8.7	3.0	3.1	40	0.1	0.4	0.2	70	0.35	0.027	13
VJD-42	Soil	0.6	17.7	22.8	62	<0.1	19.8	9.2	501	2.80	6.8	12.4	4.9	40	<0.1	0.4	0.2	72	0.34	0.022	17
VJD-43	Soil	0.7	25.1	23.2	72	<0.1	25.8	9.4	374	2.85	8.9	16.2	5.3	41	<0.1	0.5	0.2	63	0.38	0.029	17
VJD-44	Soil	1.1	12.2	30.3	77	<0.1	16.1	7.7	308	2.78	7.5	21.1	4.2	31	0.1	0.5	0.2	67	0.27	0.022	15
VJD-45	Soil	0.6	20.9	18.8	62	<0.1	21.4	10.9	417	2.81	8.2	18.7	5.6	33	<0.1	0.5	0.2	62	0.31	0.025	16

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Kreft, Bernie**  
 1 Locust Place  
 Whitehorse YT Y1A 5G9 CANADA

Project: None Given  
 Report Date: June 20, 2014

Page: 5 of 6 Part: 2 of 2

CERTIFICATE OF ANALYSIS VAN14001840.2

Method	Analyte	AQ201															
		Cr	Mg	Ba	Tl	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VJD-16	Soil	49	0.83	416	0.067	2	2.08	0.016	0.19	0.2	0.03	6.5	0.1	<0.05	6	1.0	<0.2
VJD-17	Soil	66	1.09	630	0.070	2	2.38	0.013	0.15	0.2	<0.01	9.8	0.1	<0.05	8	0.7	<0.2
VJD-18	Soil	33	0.56	202	0.071	<1	2.05	0.009	0.05	0.2	0.02	4.8	<0.1	<0.05	7	<0.5	<0.2
VJD-19	Soil	37	0.64	365	0.072	1	1.88	0.012	0.05	0.1	0.03	7.3	<0.1	<0.05	6	<0.5	<0.2
VJD-20	Soil	36	0.57	279	0.063	2	2.43	0.011	0.05	0.2	0.02	5.9	0.1	<0.05	7	<0.5	<0.2
VJD-21	Soil	34	0.47	322	0.062	2	2.40	0.010	0.05	<0.1	0.02	5.1	0.1	<0.05	7	<0.5	<0.2
VJD-22	Soil	30	0.52	623	0.060	2	1.57	0.012	0.05	0.1	0.02	6.4	0.1	<0.05	4	<0.5	<0.2
VJD-23	Soil	32	0.49	257	0.057	<1	2.10	0.009	0.06	0.2	0.04	4.7	<0.1	<0.05	7	<0.5	<0.2
VJD-24	Soil	33	0.50	355	0.058	<1	2.49	0.010	0.04	0.1	0.01	4.3	<0.1	<0.05	6	0.6	<0.2
VJD-25	Soil	34	0.53	254	0.051	<1	2.39	0.010	0.05	<0.1	0.02	6.1	0.1	<0.05	6	<0.5	<0.2
VJD-26	Soil	33	0.59	570	0.053	<1	2.25	0.012	0.04	0.1	0.04	6.2	0.1	<0.05	6	0.6	<0.2
VJD-27	Soil	36	0.64	510	0.066	<1	2.02	0.015	0.05	0.1	0.08	8.4	<0.1	<0.05	6	<0.5	<0.2
VJD-28	Soil	76	0.95	431	0.045	3	1.73	0.016	0.07	0.1	0.23	10.5	0.1	<0.05	6	<0.5	<0.2
VJD-29	Soil	34	0.62	669	0.049	1	2.21	0.013	0.05	0.1	0.03	6.5	0.1	<0.05	6	<0.5	<0.2
VJD-30	Soil	28	0.65	537	0.028	2	1.97	0.013	0.06	0.2	0.08	9.7	0.1	<0.05	5	<0.5	<0.2
VJD-31	Soil	26	0.45	519	0.041	3	1.54	0.015	0.06	0.1	0.04	5.6	<0.1	<0.05	5	1.0	<0.2
VJD-32	Soil	27	0.47	696	0.040	<1	1.73	0.014	0.06	0.1	0.07	6.8	<0.1	<0.05	5	<0.5	<0.2
VJD-33	Soil	27	0.44	305	0.053	<1	1.71	0.011	0.09	0.1	0.01	3.9	<0.1	<0.05	5	<0.5	<0.2
VJD-34	Soil	26	0.36	339	0.046	1	1.53	0.014	0.05	0.1	0.07	6.1	<0.1	<0.05	5	<0.5	<0.2
VJD-35	Soil	33	0.48	504	0.057	<1	1.91	0.018	0.04	0.1	0.08	7.4	<0.1	<0.05	6	0.5	<0.2
VJD-36	Soil	32	0.50	402	0.059	<1	1.79	0.015	0.05	0.2	0.05	6.0	<0.1	<0.05	5	1.3	<0.2
VJD-37	Soil	32	0.52	365	0.065	1	1.97	0.014	0.04	<0.1	0.03	4.5	0.1	<0.05	6	<0.5	<0.2
VJD-38	Soil	36	0.54	505	0.065	<1	2.31	0.013	0.05	0.1	0.03	6.1	<0.1	<0.05	7	<0.5	<0.2
VJD-39	Soil	32	0.49	445	0.059	<1	2.12	0.013	0.05	0.2	0.04	4.6	0.2	<0.05	6	<0.5	<0.2
VJD-40	Soil	31	0.52	383	0.064	<1	2.11	0.013	0.05	0.2	0.06	5.3	<0.1	<0.05	6	0.5	<0.2
VJD-41	Soil	32	0.53	320	0.068	<1	1.90	0.012	0.05	0.2	0.02	4.4	0.1	<0.05	6	<0.5	<0.2
VJD-42	Soil	32	0.50	376	0.071	<1	1.82	0.013	0.05	0.1	0.03	6.0	<0.1	<0.05	5	0.8	<0.2
VJD-43	Soil	36	0.60	395	0.074	<1	1.91	0.014	0.05	0.1	0.03	7.2	<0.1	<0.05	5	<0.5	<0.2
VJD-44	Soil	28	0.45	259	0.071	<1	1.62	0.010	0.04	0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
VJD-45	Soil	34	0.52	462	0.071	<1	2.13	0.017	0.05	0.1	0.04	5.6	<0.1	<0.05	6	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Kreft, Bernie**  
 1 Locust Place  
 Whitehorse YT Y1A 5G9 CANADA

Project: None Given  
 Report Date: June 20, 2014

Page: 6 of 6 Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN14001840.2

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VJD-46	Soil	0.7	21.8	25.7	62	<0.1	18.2	8.0	322	2.41	6.6	23.9	4.1	35	<0.1	0.5	0.1	53	0.29	0.032	18
VJD-47	Soil	0.9	18.8	21.3	59	<0.1	18.6	7.6	252	2.54	8.1	20.6	4.3	31	<0.1	0.5	0.2	60	0.30	0.027	16
VJD-48	Soil	0.7	32.2	37.1	71	<0.1	19.7	9.7	452	2.69	6.3	29.0	5.1	36	<0.1	0.6	0.2	59	0.30	0.027	19
VJD-49	Soil	0.7	19.1	28.4	57	<0.1	16.7	9.0	329	2.55	7.8	8.3	3.6	30	0.2	0.5	0.1	59	0.27	0.021	14
VJD-50	Soil	1.0	24.0	89.1	78	<0.1	19.6	13.5	431	3.49	11.7	66.0	4.7	27	0.2	0.7	0.2	74	0.22	0.024	12
VJD-51	Soil	0.8	19.3	43.3	61	<0.1	16.2	7.6	350	2.68	7.4	87.9	4.1	25	0.2	0.6	0.2	60	0.20	0.024	14
VJD-52	Soil	1.1	18.8	21.0	59	<0.1	23.5	11.7	400	3.15	9.8	11.1	4.9	25	<0.1	0.5	0.2	68	0.21	0.017	12
VJD-53	Soil	0.5	21.8	17.0	78	<0.1	21.2	8.3	618	2.55	5.8	15.0	5.2	31	0.2	0.5	0.1	59	0.25	0.022	22
VJD-54	Soil	1.1	17.9	18.3	59	<0.1	25.2	11.5	244	3.39	9.2	4.4	4.7	20	0.1	0.6	0.2	73	0.13	0.019	11
VJD-55	Soil	0.7	24.0	14.8	51	<0.1	27.5	8.4	286	2.95	8.8	6.7	10.2	31	0.1	0.5	0.2	66	0.26	0.018	16
VJD-56	Soil	1.0	23.2	14.9	60	<0.1	24.7	11.8	373	3.13	13.3	10.9	6.5	26	<0.1	0.7	0.2	63	0.23	0.023	17
VJD-57	Soil	0.7	11.8	24.2	51	<0.1	9.7	5.2	328	1.98	5.4	95.5	3.5	16	<0.1	0.6	0.1	29	0.08	0.023	15
VJD-58	Soil	0.8	14.3	27.1	51	<0.1	11.6	5.2	270	1.72	4.1	22.5	4.2	21	<0.1	0.7	<0.1	35	0.17	0.016	13
VJD-59	Soil	1.1	8.8	12.6	32	<0.1	9.1	4.4	175	2.24	6.7	28.9	3.5	15	<0.1	0.3	0.1	51	0.10	0.020	12
VJD-60	Soil	0.8	25.3	12.8	55	<0.1	24.8	10.0	335	2.83	8.9	7.4	4.8	25	<0.1	0.5	0.1	61	0.24	0.025	17
VJD-61	Soil	1.2	13.2	12.7	37	<0.1	19.0	8.8	243	3.25	8.3	22.3	2.4	12	<0.1	0.5	0.2	64	0.08	0.034	9
VJD-62	Soil	0.8	23.4	13.1	56	<0.1	23.6	9.0	260	3.03	9.3	8.1	5.5	23	0.1	0.5	0.2	70	0.17	0.017	15
VJD-63	Soil	0.6	17.6	14.4	56	<0.1	20.4	7.3	203	2.71	4.9	11.8	5.1	21	0.1	0.5	0.1	48	0.15	0.013	14
VJD-64	Soil	0.7	15.5	9.1	43	<0.1	17.7	7.5	296	2.68	5.4	18.5	4.1	28	<0.1	0.4	0.1	50	0.25	0.010	16
VJD-65	Soil	0.6	20.2	10.3	41	<0.1	20.8	9.0	242	2.51	6.7	3.1	5.1	18	<0.1	0.5	0.2	52	0.13	0.015	14
VJD-66	Soil	0.8	23.4	12.0	51	<0.1	23.8	9.3	277	3.01	9.2	4.4	4.2	31	<0.1	0.4	0.2	68	0.31	0.020	15
VJD-67	Soil	0.3	8.1	8.9	21	<0.1	7.2	3.6	528	0.99	1.5	15.2	3.5	19	<0.1	0.2	<0.1	17	0.12	0.008	8
VJD-68	Soil	0.7	18.5	9.9	37	<0.1	18.0	7.6	265	2.40	7.2	5.8	3.5	24	<0.1	0.5	0.1	56	0.25	0.022	14
VJD-69	Soil	1.0	25.9	12.6	61	<0.1	19.3	14.8	379	3.91	4.9	17.1	4.9	21	<0.1	1.0	0.1	44	0.11	0.029	12
VJD-70	Soil	0.9	23.8	10.2	47	<0.1	21.5	8.6	306	2.56	8.1	9.9	4.8	31	<0.1	0.5	0.2	60	0.31	0.028	17
VJD-71	Soil	1.3	21.8	23.3	101	<0.1	15.4	7.0	318	3.13	9.0	11.7	2.4	14	0.1	1.0	0.2	38	0.03	0.040	16

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

Client: **Kreft, Bernie**  
 1 Locust Place  
 Whitehorse YT Y1A 5G9 CANADA

Project: None Given  
 Report Date: June 20, 2014

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Page: 6 of 6 Part: 2 of 2

CERTIFICATE OF ANALYSIS VAN14001840.2

Method	Analyte	AQ201		AQ201		AQ201		AQ201		AQ201		AQ201		AQ201		AQ201	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VJD-46	Soil	28	0.43	321	0.064	1	1.61	0.013	0.04	0.1	0.04	5.2	<0.1	<0.05	5	<0.5	<0.2
VJD-47	Soil	31	0.52	313	0.068	<1	1.98	0.012	0.05	0.1	0.03	4.8	<0.1	<0.05	6	<0.5	<0.2
VJD-48	Soil	31	0.45	438	0.061	<1	1.83	0.012	0.05	0.1	0.03	6.0	<0.1	<0.05	5	<0.5	<0.2
VJD-49	Soil	28	0.49	277	0.067	<1	1.82	0.010	0.05	0.1	0.03	4.9	<0.1	<0.05	5	<0.5	<0.2
VJD-50	Soil	33	0.56	314	0.063	<1	2.56	0.010	0.06	<0.1	0.02	6.6	<0.1	<0.05	7	<0.5	<0.2
VJD-51	Soil	28	0.38	195	0.065	<1	1.63	0.010	0.05	0.1	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
VJD-52	Soil	38	0.54	293	0.069	1	2.84	0.011	0.05	0.1	0.02	4.3	0.1	<0.05	6	0.8	<0.2
VJD-53	Soil	28	0.48	326	0.059	<1	1.55	0.011	0.06	0.3	0.04	6.9	<0.1	<0.05	4	<0.5	<0.2
VJD-54	Soil	39	0.45	245	0.074	<1	2.69	0.010	0.04	<0.1	0.04	4.1	<0.1	<0.05	7	<0.5	<0.2
VJD-55	Soil	33	0.50	414	0.068	<1	2.56	0.011	0.05	<0.1	0.02	4.8	<0.1	<0.05	6	<0.5	<0.2
VJD-56	Soil	36	0.55	318	0.056	1	2.31	0.013	0.07	0.1	0.02	5.5	0.1	<0.05	6	<0.5	<0.2
VJD-57	Soil	13	0.17	78	0.025	2	1.14	0.007	0.05	<0.1	0.01	2.3	<0.1	<0.05	4	0.7	<0.2
VJD-58	Soil	16	0.24	178	0.055	1	0.99	0.010	0.04	<0.1	0.02	2.9	<0.1	<0.05	3	<0.5	<0.2
VJD-59	Soil	20	0.25	132	0.048	<1	1.33	0.007	0.04	0.1	0.01	2.6	0.1	<0.05	5	<0.5	<0.2
VJD-60	Soil	35	0.57	442	0.074	2	1.99	0.012	0.05	0.1	0.03	6.5	<0.1	<0.05	6	<0.5	<0.2
VJD-61	Soil	27	0.28	236	0.076	<1	2.13	0.010	0.04	<0.1	0.02	3.0	<0.1	<0.05	7	<0.5	<0.2
VJD-62	Soil	38	0.55	455	0.070	2	2.88	0.015	0.05	0.2	0.04	7.6	0.1	<0.05	7	<0.5	<0.2
VJD-63	Soil	31	0.39	374	0.046	<1	2.48	0.008	0.05	<0.1	0.04	5.6	<0.1	<0.05	6	<0.5	<0.2
VJD-64	Soil	30	0.43	445	0.059	<1	1.95	0.012	0.05	<0.1	0.02	8.4	<0.1	<0.05	5	<0.5	<0.2
VJD-65	Soil	29	0.38	225	0.059	<1	2.23	0.012	0.04	<0.1	0.03	4.7	<0.1	<0.05	5	<0.5	<0.2
VJD-66	Soil	39	0.59	430	0.083	2	2.44	0.014	0.05	<0.1	0.02	6.3	<0.1	<0.05	6	<0.5	<0.2
VJD-67	Soil	9	0.14	282	0.038	1	0.53	0.008	0.04	<0.1	<0.01	2.2	<0.1	<0.05	2	<0.5	<0.2
VJD-68	Soil	28	0.43	301	0.072	<1	1.83	0.014	0.04	0.2	0.03	4.2	<0.1	<0.05	5	<0.5	<0.2
VJD-69	Soil	25	0.23	278	0.018	<1	2.68	0.008	0.06	<0.1	0.02	7.8	<0.1	<0.05	5	<0.5	<0.2
VJD-70	Soil	34	0.51	463	0.101	2	1.86	0.016	0.04	0.2	0.03	5.1	<0.1	<0.05	5	<0.5	<0.2
VJD-71	Soil	11	0.06	116	0.020	2	0.61	0.009	0.07	<0.1	<0.01	4.3	<0.1	<0.05	3	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

Client: **Kreft, Bernie**  
 1 Locust Place  
 Whitehorse YT Y1A 5G9 CANADA

Project: None Given  
 Report Date: June 20, 2014

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Page: 1 of 1 Part: 1 of 2

**QUALITY CONTROL REPORT** VAN14001840.2

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
<b>Pulp Duplicates</b>																				
[REDACTED] Soil	0.8	25.8	10.2	61	[REDACTED]	25.4	10.3	381	2.90	[REDACTED]	[REDACTED]	4.3	31	<0.1	0.5	0.2	66	0.27	0.015	18
[REDACTED] QC	0.9	26.6	10.9	60	[REDACTED]	23.5	10.2	363	2.83	[REDACTED]	[REDACTED]	4.4	32	<0.1	0.5	0.1	66	0.28	0.016	18
[REDACTED] Soil	1.3	25.3	16.4	67	[REDACTED]	32.8	14.0	643	3.16	[REDACTED]	[REDACTED]	5.7	81	0.2	0.4	0.2	60	0.49	0.047	23
[REDACTED] QC	1.6	25.4	15.7	68	[REDACTED]	33.9	13.9	666	3.09	[REDACTED]	[REDACTED]	5.2	81	0.1	0.6	0.1	61	0.51	0.049	23
VJD-02 Soil	0.7	30.4	15.0	55	<0.1	26.4	10.4	437	2.64	10.8	3.1	5.1	50	0.1	0.7	0.2	57	0.55	0.022	19
REP VJD-02 QC	0.6	32.1	15.3	55	<0.1	26.1	10.7	446	2.66	10.1	4.9	4.8	50	<0.1	0.6	0.2	57	0.58	0.021	19
VJD-38 Soil	0.7	24.3	29.0	80	<0.1	22.3	11.6	484	3.01	9.3	7.3	5.3	58	<0.1	0.5	0.2	72	0.54	0.030	17
REP VJD-38 QC	0.9	23.6	28.6	82	<0.1	21.2	11.8	494	3.05	9.6	4.3	5.2	60	0.1	0.6	0.2	72	0.53	0.035	18
<b>Reference Materials</b>																				
STD DS10 Standard	16.8	167.0	162.6	374	1.9	75.0	13.3	884	2.90	46.3	101.2	8.2	74	2.8	10.4	12.7	46	1.05	0.080	20
STD DS10 Standard	15.9	158.4	157.4	381	2.1	78.4	13.9	945	2.85	46.5	92.8	7.9	72	2.3	9.4	13.3	43	1.16	0.079	20
STD DS10 Standard	14.7	150.5	150.7	360	1.9	74.5	12.8	866	2.74	44.1	75.6	7.8	71	2.0	9.2	12.4	43	1.07	0.074	18
STD DS10 Standard	14.4	153.1	146.5	356	1.9	73.9	12.1	883	2.66	43.4	72.7	7.2	66	2.3	8.5	12.3	39	1.02	0.073	17
STD DS10 Standard	14.6	150.7	152.3	355	1.9	75.3	11.9	856	2.67	43.5	71.6	7.4	67	2.2	9.4	12.3	42	1.07	0.074	18
STD OXC109 Standard	1.6	39.2	11.7	39	<0.1	74.9	20.0	427	3.11	0.9	205.5	1.6	150	<0.1	<0.1	0.2	49	0.74	0.122	13
STD OXC109 Standard	1.3	33.9	11.5	43	<0.1	70.6	18.9	428	2.79	0.6	213.2	1.5	149	<0.1	<0.1	<0.1	46	0.70	0.102	13
STD OXC109 Standard	1.5	34.3	10.7	40	<0.1	73.7	18.0	410	2.83	<0.5	200.8	1.5	150	0.1	<0.1	<0.1	46	0.69	0.100	12
STD OXC109 Standard	1.4	33.8	10.8	38	<0.1	68.5	18.4	393	2.69	0.7	196.0	1.4	139	<0.1	0.1	<0.1	45	0.62	0.097	12
STD OXC109 Standard	1.5	34.7	10.9	36	<0.1	70.3	18.7	413	2.75	0.5	184.9	1.4	139	<0.1	<0.1	<0.1	45	0.66	0.101	12
STD DS10 Expected	14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073	17.5
STD OXC109 Expected	201																			
BLK Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	0.6	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

Client: **Kreft, Bernie**  
 1 Locust Place  
 Whitehorse YT Y1A 5G9 CANADA

Project: None Given  
 Report Date: June 20, 2014

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Page: 1 of 1 Part: 2 of 2

## QUALITY CONTROL REPORT

VAN14001840.2

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
<b>Pulp Duplicates</b>																	
TMD-05	Soil	43	0.65	291	0.087	2	1.94	0.015	0.04	0.2	0.03	7.4	<0.1	<0.05	5	<0.5	<0.2
REP TMD-05	QC	40	0.63	289	0.083	2	1.96	0.015	0.04	0.1	0.04	7.7	<0.1	<0.05	5	<0.5	<0.2
TMD-41	Soil	42	0.55	284	0.076	1	1.92	0.016	0.14	0.1	0.01	6.1	<0.1	<0.05	6	0.7	<0.2
REP TMD-41	QC	43	0.55	273	0.084	1	1.92	0.016	0.15	0.2	<0.01	6.4	<0.1	<0.05	6	<0.5	<0.2
VJD-02	Soil	33	0.54	325	0.080	3	1.67	0.024	0.07	0.1	0.03	6.0	<0.1	<0.05	5	<0.5	<0.2
REP VJD-02	QC	35	0.56	321	0.084	<1	1.65	0.024	0.07	0.1	0.03	5.6	<0.1	<0.05	5	<0.5	<0.2
VJD-38	Soil	36	0.54	505	0.065	<1	2.31	0.013	0.05	0.1	0.03	6.1	<0.1	<0.05	7	<0.5	<0.2
REP VJD-38	QC	36	0.55	523	0.066	2	2.33	0.014	0.05	0.2	0.05	6.6	0.1	<0.05	7	<0.5	<0.2
<b>Reference Materials</b>																	
STD DS10	Standard	58	0.82	398	0.096	7	1.13	0.068	0.34	3.4	0.32	2.9	5.6	0.26	5	2.7	4.9
STD DS10	Standard	58	0.80	369	0.085	6	1.07	0.064	0.34	3.3	0.27	3.3	5.6	0.31	5	2.2	5.2
STD DS10	Standard	57	0.78	352	0.081	8	1.08	0.060	0.33	3.4	0.26	3.0	5.3	0.24	4	2.0	5.2
STD DS10	Standard	54	0.76	340	0.073	7	1.00	0.058	0.32	3.3	0.30	2.8	5.0	0.23	4	2.5	4.9
STD DS10	Standard	53	0.78	354	0.074	7	1.00	0.062	0.33	3.2	0.30	2.9	5.0	0.24	4	2.4	4.6
STD OXC109	Standard	61	1.51	58	0.420	1	1.59	0.667	0.41	0.1	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	58	1.42	56	0.371	2	1.50	0.629	0.40	0.2	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	58	1.34	55	0.357	1	1.45	0.642	0.40	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	58	1.35	54	0.355	2	1.43	0.637	0.40	0.1	<0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	56	1.38	55	0.358	3	1.46	0.640	0.39	0.1	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD DS10 Expected		54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OXC109 Expected																	
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

Acme Analytical Laboratories (Vancouver) Ltd.  
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
PHONE (604) 253-3158

## CERTIFICATE OF ANALYSIS

VAN14001841.1

### CLIENT JOB INFORMATION

Project: None Given  
Shipment ID:  
P.O. Number  
Number of Samples: 22

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT Dispose of Reject After 90 days

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	22	Crush, split and pulverize 250 g rock to 200 mesh			VAN
AQ201	22	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DRPLP	22	Warehouse handling / disposition of pulps			VAN
DRRJT	22	Warehouse handling / Disposition of reject			VAN
FA430	3	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
G6Gr	1	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

### ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Kreft, Bernie  
1 Locust Place  
Whitehorse YT Y1A 5G9  
CANADA

CC:





www.acmelab.com

**Client:** Kreft, Bernie  
 1 Locust Place  
 Whitehorse YT Y1A 5G9 CANADA

**Project:** None Given  
**Report Date:** June 26, 2014

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

**Page:** 2 of 2 **Part:** 1 of 2

**CERTIFICATE OF ANALYSIS** VAN14001841.1

Method	Analyte	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
VJR-01	Rock	0.63	2.1	56.2	12.0	58	0.5	8.1	1.6	103	1.59	77.2	0.9	2.7	44	0.9	1.9	0.2	38	0.10	0.057
VJR-02	Rock	0.58	1.2	0.8	30.6	17	<0.1	4.7	1.0	460	0.20	3.9	<0.5	0.7	970	0.4	0.2	<0.1	6	33.58	0.041
VJR-03	Rock	0.67	0.2	4.1	6.1	13	<0.1	2.2	1.7	125	0.54	14.9	<0.5	5.1	20	<0.1	<0.1	<0.1	4	0.11	0.004
VJR-04	Rock	0.45	0.2	1.6	9.7	7	<0.1	1.4	0.5	116	0.43	5.7	<0.5	9.4	12	<0.1	<0.1	<0.1	3	0.02	0.003
VJR-05	Rock	0.59	0.1	2.1	11.5	9	<0.1	1.9	0.9	116	0.45	5.7	<0.5	20.2	13	<0.1	<0.1	<0.1	4	0.05	0.004
VJR-06	Rock	0.62	0.1	2.1	9.7	13	<0.1	2.2	1.0	166	0.56	2.8	<0.5	4.3	17	<0.1	0.1	<0.1	5	0.03	0.007
VJR-07	Rock	0.49	<0.1	2.9	1.4	3	<0.1	3.0	0.9	174	0.40	3.1	<0.5	7.3	11	<0.1	<0.1	<0.1	3	0.01	0.004
VJR-08	Rock	0.48	0.7	2.5	3.0	10	<0.1	3.0	1.1	268	0.62	11.4	<0.5	3.8	11	<0.1	<0.1	<0.1	3	0.01	0.003
VJR-09	Rock	0.56	0.5	3.9	8.0	13	<0.1	7.5	1.8	797	2.04	15.2	<0.5	8.4	13	0.1	0.2	<0.1	5	0.03	0.006
VJR-10	Rock	1.02	0.8	22.2	5.1	30	0.1	16.8	3.7	302	1.23	22.5	<0.5	1.4	10	0.1	0.3	<0.1	12	0.12	0.022
VJR-11	Rock	0.59	3.9	9.1	11.1	16	6.5	4.0	2.3	92	2.47	6.3	41831.1	5.0	12	<0.1	1.0	<0.1	5	0.03	0.004
VJR-12	Rock	0.86	0.2	2.2	5.7	9	<0.1	2.3	1.1	195	0.58	<0.5	20.9	2.3	23	<0.1	0.2	<0.1	2	0.01	0.002
VJR-13	Rock	1.03	0.1	1.1	374.1	4	2.1	0.8	0.4	36	0.41	<0.5	10268.0	0.2	8	<0.1	0.1	0.7	3	<0.01	0.004
VJR-14	Rock	1.20	0.2	1.2	12.4	16	<0.1	1.2	1.0	99	0.48	0.6	2.3	1.9	25	<0.1	0.1	<0.1	4	<0.01	0.006
VJR-15	Rock	0.65	0.3	11.1	139.3	14	0.5	0.8	0.1	22	0.34	2.9	65.8	<0.1	5	<0.1	1.2	0.5	<2	<0.01	0.001
VJR-16	Rock	1.00	0.1	309.6	9858.1	31	20.4	0.5	0.2	20	0.55	100.5	521.8	0.1	30	0.3	23.8	20.3	<2	<0.01	0.002
VJR-17	Rock	0.59	<0.1	1.9	14.4	20	<0.1	1.9	0.9	114	0.57	<0.5	15.9	3.6	53	<0.1	0.1	<0.1	2	0.06	0.026
VNR-01	Rock	0.64	<0.1	19.3	47.4	42	0.1	2.4	1.4	296	1.07	1.7	4.0	4.5	38	0.1	3.2	<0.1	12	0.02	0.014
VNR-02	Rock	0.40	<0.1	2.6	5.7	47	<0.1	3.6	3.5	318	1.13	0.8	<0.5	1.4	111	<0.1	0.4	<0.1	33	0.08	0.034
TMR-01	Rock	0.77	0.1	1.2	28.2	19	<0.1	2.1	0.7	79	0.57	17.5	83.8	0.8	14	<0.1	0.2	<0.1	9	0.02	0.007
TMR-02	Rock	1.11	0.1	0.5	2.0	10	<0.1	2.2	0.8	95	0.55	0.6	25.1	0.7	26	<0.1	<0.1	<0.1	5	0.03	0.009
TMRJ-01	Rock	0.65	<0.1	1.1	6.5	26	<0.1	1.5	1.0	151	0.82	5.8	<0.5	0.7	43	<0.1	0.2	<0.1	16	0.05	0.010

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

**CERTIFICATE OF ANALYSIS**

**VAN14001841.1**

Method	Analyte	Unit	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	FA430	FA630
			La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
MDL			ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/t
			1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	0.9
VJR-01	Rock		9	18	0.17	792	0.004	6	0.39	0.007	0.17	<0.1	0.01	2.0	0.2	0.10	2	1.2	<0.2	
VJR-02	Rock		7	9	0.27	57	<0.001	<1	0.04	0.003	0.03	<0.1	0.03	0.4	<0.1	<0.05	<1	<0.5	0.4	
VJR-03	Rock		10	6	0.02	56	0.004	1	0.21	0.067	0.08	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2	
VJR-04	Rock		8	4	<0.01	29	0.002	2	0.14	0.067	0.06	<0.1	0.02	0.1	<0.1	<0.05	<1	<0.5	<0.2	
VJR-05	Rock		10	5	<0.01	39	0.001	<1	0.14	0.047	0.07	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2	
VJR-06	Rock		10	6	0.02	50	0.003	1	0.17	0.057	0.07	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2	
VJR-07	Rock		9	4	<0.01	55	<0.001	3	0.14	0.049	0.06	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
VJR-08	Rock		10	5	0.01	50	0.003	3	0.15	0.081	0.03	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2	
VJR-09	Rock		9	4	0.02	93	0.001	2	0.19	0.084	0.10	<0.1	<0.01	1.1	<0.1	<0.05	<1	<0.5	<0.2	
VJR-10	Rock		4	12	0.16	153	0.001	3	0.39	0.003	0.07	<0.1	<0.01	0.9	<0.1	<0.05	1	<0.5	<0.2	
VJR-11	Rock		14	6	0.02	52	<0.001	<1	0.21	0.015	0.06	0.1	0.03	1.9	<0.1	<0.05	1	<0.5	<0.2	>10 38.2
VJR-12	Rock		4	5	<0.01	90	<0.001	<1	0.14	0.048	0.09	<0.1	0.02	0.8	<0.1	<0.05	<1	<0.5	<0.2	
VJR-13	Rock		1	10	<0.01	37	<0.001	2	0.07	0.011	0.06	<0.1	0.03	0.2	<0.1	<0.05	<1	<0.5	<0.2	6.635
VJR-14	Rock		11	7	<0.01	367	<0.001	<1	0.12	0.020	0.08	<0.1	0.02	0.2	<0.1	<0.05	<1	<0.5	<0.2	
VJR-15	Rock		<1	8	<0.01	83	<0.001	<1	0.01	0.002	<0.01	<0.1	0.15	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
VJR-16	Rock		<1	13	<0.01	82	<0.001	2	0.02	0.002	0.02	<0.1	2.07	<0.1	<0.1	0.16	<1	17.2	1.2	0.474
VJR-17	Rock		9	7	<0.01	670	<0.001	1	0.12	0.036	0.09	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
VNR-01	Rock		12	7	0.02	435	<0.001	<1	0.16	0.029	0.15	<0.1	0.04	1.8	<0.1	<0.05	<1	<0.5	<0.2	
VNR-02	Rock		12	7	0.07	510	0.004	<1	0.31	0.017	0.19	0.2	0.02	1.7	<0.1	<0.05	1	<0.5	<0.2	
TMR-01	Rock		3	8	0.04	57	<0.001	<1	0.21	0.018	0.09	<0.1	0.02	0.3	<0.1	<0.05	<1	<0.5	<0.2	
TMR-02	Rock		9	6	0.03	62	<0.001	<1	0.20	0.036	0.11	<0.1	0.03	0.1	<0.1	<0.05	1	<0.5	<0.2	
TMRJ-01	Rock		3	4	0.11	93	0.003	<1	0.36	0.046	0.16	<0.1	<0.01	0.8	<0.1	<0.05	2	<0.5	<0.2	



www.acmelab.com

Client: **Kreft, Bernie**  
 1 Locust Place  
 Whitehorse YT Y1A 5G9 CANADA

Project: None Given  
 Report Date: June 26, 2014

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Page: 1 of 2 Part: 1 of 2

## QUALITY CONTROL REPORT

VAN14001841.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
VJR-01	Rock	0.63	2.1	56.2	12.0	58	0.5	8.1	1.6	103	1.59	77.2	0.9	2.7	44	0.9	1.9	0.2	38	0.10	0.057
REP VJR-01	QC		2.1	56.1	11.4	58	0.5	8.8	1.9	100	1.57	76.7	<0.5	2.6	44	1.2	1.8	0.2	36	0.08	0.054
VJR-11	Rock	0.59	3.9	9.1	11.1	16	6.5	4.0	2.3	92	2.47	6.3	41831.1	5.0	12	<0.1	1.0	<0.1	5	0.03	0.004
REP VJR-11	QC																				
Core Reject Duplicates																					
VJR-12	Rock	0.86	0.2	2.2	5.7	9	<0.1	2.3	1.1	195	0.58	<0.5	20.9	2.3	23	<0.1	0.2	<0.1	2	0.01	0.002
DUP VJR-12	QC		0.1	1.9	5.9	10	<0.1	1.9	0.6	190	0.51	0.5	26.1	2.4	17	<0.1	0.2	<0.1	2	0.01	0.002
Reference Materials																					
STD AGPROOF	Standard																				
STD DS10	Standard		13.7	152.9	157.1	376	1.9	76.0	12.9	878	2.78	44.8	73.5	7.4	66	2.7	8.9	12.1	42	1.04	0.067
STD OXC109	Standard		1.5	34.4	12.7	40	<0.1	72.1	18.4	405	2.90	1.2	189.2	1.5	140	<0.1	<0.1	<0.1	47	0.68	0.104
STD OXD108	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXN117	Standard																				
STD OXN117	Standard																				
STD SP49	Standard																				
STD SP49	Standard																				
STD DS10 Expected		14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073	
STD OXC109 Expected												201									
STD SP49 Expected																					
STD AGPROOF Expected																					
STD OXD108 Expected																					
STD OXI96 Expected																					
STD OXN117 Expected																					
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	
BLK	Blank																				

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

Client: **Kreft, Bernie**  
 1 Locust Place  
 Whitehorse YT Y1A 5G9 CANADA

Project: None Given  
 Report Date: June 26, 2014

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Page: 1 of 2 Part: 2 of 2

## QUALITY CONTROL REPORT

VAN14001841.1

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	FA430	FA530
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/t
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005	0.9
Pulp Duplicates																			
VJR-01	Rock	9	18	0.17	792	0.004	6	0.39	0.007	0.17	<0.1	0.01	2.0	0.2	0.10	2	1.2	<0.2	
REP VJR-01	QC	9	18	0.17	782	0.004	2	0.38	0.006	0.16	<0.1	<0.01	1.3	0.2	0.10	2	0.8	<0.2	
VJR-11	Rock	14	6	0.02	52	<0.001	<1	0.21	0.015	0.06	0.1	0.03	1.9	<0.1	<0.05	1	<0.5	<0.2	>10
REP VJR-11	QC																		33.4
Core Reject Duplicates																			
VJR-12	Rock	4	5	<0.01	90	<0.001	<1	0.14	0.048	0.09	<0.1	0.02	0.8	<0.1	<0.05	<1	<0.5	<0.2	
DUP VJR-12	QC	3	4	<0.01	71	<0.001	<1	0.11	0.037	0.07	<0.1	0.02	1.2	<0.1	<0.05	<1	<0.5	<0.2	
Reference Materials																			
STD AGPROOF	Standard																		<0.9
STD DS10	Standard	17	55	0.78	324	0.074	10	1.03	0.066	0.33	3.5	0.33	2.4	5.2	0.27	5	1.0	5.2	
STD OXC109	Standard	13	53	1.43	56	0.371	2	1.53	0.678	0.41	0.3	<0.01	1.1	<0.1	<0.05	5	<0.5	<0.2	
STD OXD108	Standard																		0.424
STD OXD108	Standard																		0.412
STD OXI96	Standard																		1.863
STD OXI96	Standard																		1.867
STD OXN117	Standard																		7.791
STD OXN117	Standard																		7.581
STD SP49	Standard																		17.4
STD SP49	Standard																		18.3
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01	
STD OXC109 Expected																			
STD SP49 Expected																			18.34
STD AGPROOF Expected																			0
STD OXD108 Expected																			0.414
STD OXI96 Expected																			1.802
STD OXN117 Expected																			7.679
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																		<0.005

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

**Client:** Kreft, Bernie  
 1 Locust Place  
 Whitehorse YT Y1A 5G9 CANADA

**Project:** None Given  
**Report Date:** June 26, 2014

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

**Page:** 2 of 2 **Part:** 1 of 2

**QUALITY CONTROL REPORT**

**VAN14001841.1**

		WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1	Prep Blank		<0.1	2.0	2.8	42	<0.1	2.3	3.8	567	1.88	<0.5	<0.5	5.1	56	<0.1	<0.1	<0.1	34	0.50	0.061	
G1	Prep Blank		0.1	3.1	3.4	47	<0.1	3.4	4.6	612	2.10	<0.5	<0.5	5.3	58	<0.1	<0.1	<0.1	40	0.54	0.076	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



www.acmelab.com

**Client:** Kreft, Bernie  
 1 Locust Place  
 Whitehorse YT Y1A 5G9 CANADA

**Project:** None Given  
**Report Date:** June 26, 2014

**Page:** 2 of 2

**Part:** 2 of 2

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

## QUALITY CONTROL REPORT

VAN14001841.1

		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	FA430	FA530		
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au	
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/t	
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005	0.9	
BLK	Blank																			<0.005	
BLK	Blank																				<0.9
BLK	Blank																				<0.9
BLK	Blank																				0.006
BLK	Blank																				<0.005
Prep Wash																					
G1	Prep Blank	12	5	0.49	164	0.102	<1	0.98	0.103	0.51	<0.1	0.01	2.6	0.3	<0.05	4	<0.5	<0.2			
G1	Prep Blank	13	10	0.55	170	0.124	<1	1.09	0.117	0.53	<0.1	<0.01	2.9	0.3	<0.05	6	<0.5	<0.2			

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.