ASSESSMENT REPORT ON THE 1999 GEOLOGICAL AND GEOCHEMICAL INVESTIGATION OF THE CREEK AND UNI CLAIMS

REPORT No.: 99-Creek/Uni-RPT

Claim Name:	Grant No's.
Creek 31-38	YC07263-YC07270
Uni 42-53	YC07371-YC07382

DAWSON MINING DISTRICT, YUKON TERRITORY
NTS 116C/2

Latitude 64° 02'
Longitude 140° 55'

094046

Work conducted June 13- 18th, 1999

OWNER and OPERATOR:

Kennecott Canada Exploration Inc.
354-200 Granville Street
Vancouver, B.C.
V6C 1S4

Prepared by: Roger Hulstein, B.Sc., P.Geo.
November 30, 1999

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 4000.

M.B.

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

0119-42760
094046

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1.0 INTRODUCTION

This assessment report summarizes the geological and geochemical work carried out on the two separate claim groups, the Creek 31-38 (YC07263-YC07270) and the Uni 42-53 (YC07371-YC07382) claims located in the Dawson Mining District, Yukon Territory. The two claim groups totaling 20 claims are gold targets and are part of a larger property totaling 137 claims. These claims were optioned by Kennecott from Madrona Mining Limited in June 1999 and are held subject to an option agreement. The information is based on research and fieldwork conducted in 1999 by Kennecott Canada Exploration Inc. Fieldwork was conducted from June 13 to June 18, 1999. The reconnaissance work included prospecting, geological mapping, and rock, soil and stream geochemistry as part of Kennecott's exploration program of the Sixtymile region.

1.1 Location, Access and Topography

The two claim blocks are located in the Sixtymile placer district at the headwaters of Glacier Creek and on the ridge between Miller and Glacier Creeks on map sheet NTS 116C/02 (Figure 1).

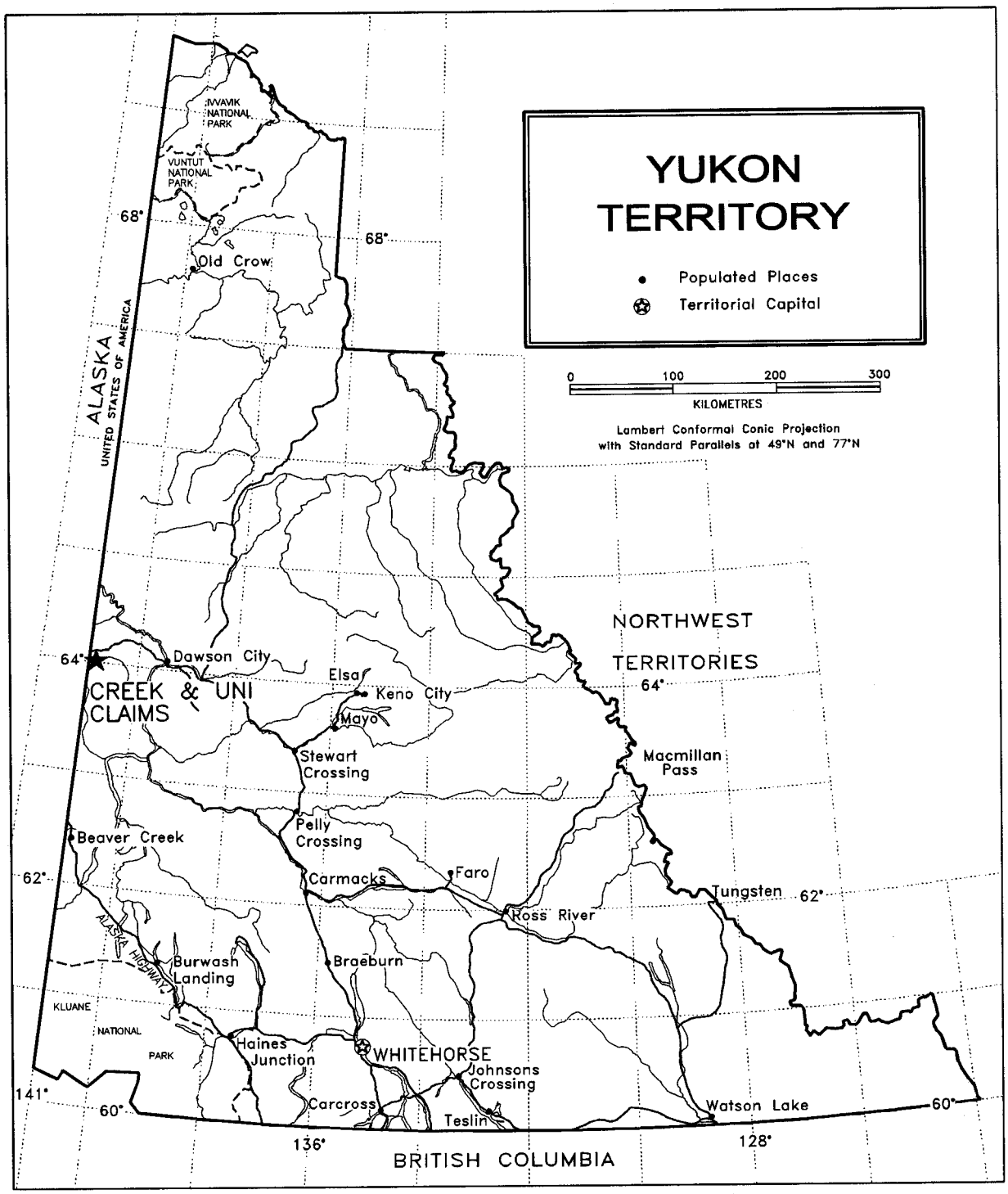
The properties are located approximately 75 kilometres due west of Dawson. Access to the Uni claims is by a road that turns south off the Top of the World Highway approximately 1-2 km east of the Alaska – Yukon border. Access to within a kilometer of the Creek claims is by an approximately 15km long road, the posted Sixtymile road, from the Top of the World Highway. The final kilometer can be crossed on foot. The roads are usable by 2WD truck from late May to October.

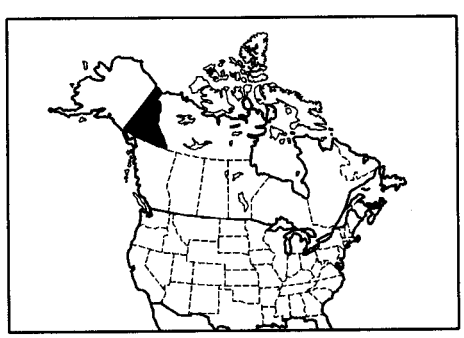
The Uni 42-53 claims cover the headwaters of Poker Creek. The lower reaches of Poker Creek, in Alaska, is currently being placer mined (during 1999) and the upper portion shows evidence of being mined and tested. A rough road, suitable for ATV's, follows the Poker Creek drainage.

The Creek 31-38 claims cover a portion of the ridge divide between Glacier and Miller Creeks approximately 4.5km above the Miller Creek – Sixtymile River confluence.

Both claim groups cover alpine to thinly wooded slopes.

Topography in the region is typical of an incised peneplain with steep hillsides and rounded crests. The area was beyond the limits of the last two continental glacial events and evidence of glaciation in the region is a result of localized alpine glaciers. Alluvium in the valleys is locally derived. Hill slopes are covered with a veneer of colluvium also locally derived. Elevation ranges from 2100 feet in the Sixty Mile River valley to 4711 feet atop the Poker Creek/Miller Creek divide.





Kennecott Canada Exploration Inc.
Vancouver

CREEK & UNI CLAIMS
LOCATION MAP

YUKON, CANADA

NTS: 116 C/2	Projection: LCC	Drawn by: GDS
Date: 03/12/99	Author: RH	Figure 1
File: Creek-Uni_Loc	Scale: 1:6,000,000	

Low precipitation and a wide temperature range characterize the climate. Winters are cold and temperatures of –40°C are common. Summers are moderately cool with daily highs of 10°C to 25°C. The seasonal window for prospecting is from June to mid September.

1.2 Claim Data

The Creek 31- 38 and Uni 42-53 claim blocks are located in the Dawson Mining District and are registered to Kennecott Canada Exploration Inc. Both claim blocks are located on 1:50 000 NTS map 116C/02 and are shown on Figure 2.

Table 1. List of Claims

Claim Name	Grant Numbers	Expiry Date	Renewal to*
Creek 31 - 38	YC07263-YC077270	June 16, 1999	June 16, 2001
Uni 42-53	YC07371-YC07382	June 30, 1999	June 30, 2001

*pending approval of work described in this report

1.3 History and Previous Work

The unglaciated Sixtymile district has been worked for placer gold since the discovery of gold on Miller Creek in 1892. Placer gold production exceeds the estimated figure of 335,715 ounces won from the creeks during the periods 1892-1917 and 1978-1997 (years for which records are available)(Cockfield, 1921; Placer Mining Section 1991, Placer Mining Section 1998). Total placer gold production for the Sixtymile area from discovery to 1990 is estimated at 570,000 crude ounces (Yukon Minfile, 1997). The bulk of the gold has come from Miller, Glacier, Bedrock and Little Gold Creeks, plus the Sixtymile River. Minor gold production is estimated from upper Poker Creek and Walker's Fork.

Along with the placer activity, lode prospecting of the district has occurred since the first hard rock claims were staked over a galena occurrence in 1896 (Yukon Minfile, 1997). This galena occurrence is located in the Miller Creek drainage upstream of the Creek 31-38 claims. The area has been explored more recently by the Dawson Range Joint Venture, Klondike Lode Gold Mining Limited, Noranda and Dawson Eldorado Mining Limited.

UNI 53 YC07382 | UNI 51 YC07380 | UNI 49 YC07378 | UNI 47 YC07376

UNI 52 YC07381 | UNI 50 YC07379 | UNI 48 YC07377 | UNI 46 YC07375

UNI 42 YC07371 | UNI 44 YC07373

UNI 43 YC07372 | UNI 45 YC07374

CREEK 35 YC07267 | CREEK 37 YC07269

CREEK 36 YC07268 | CREEK 38 YC07270

CREEK 32 YC07264 | CREEK 34 YC07266

CREEK 31 YC07263 | CREEK 33 YC07265

SCALE 1:25.000

0 500 1000

(Metres)

LEGEND

claim block perimeter

claim name

UNI 53 YC07382 (1500' × 1500')

grant number

creek

road, trail

Kennecott Canada Exploration Inc.
Vancouver

CREEK & UNI CLAIMS

CLAIM MAP

Yukon Territory, Canada

SCALE: 1:25,000	DRAFTING: R.Zuran
FILE: CLAIM_MAD.DWG	NTS:116 C/2 FIGURE: 2

Technical information on the geology and mineralization in the Sixtymile area is contained in a 1984 Master's dissertation by Ulrich Glasmacher (Glasmacher, 1984). This report is best utilized for its studies on the paragenesis and characterization of mineralization. The geochronology and stratigraphy has been updated and can be obtained from INAC open-file 1996-1G by Mortenson (1996).

1.4 1999 Work

Work in 1998 and 1999 consisted of prospecting, reconnaissance geological mapping, stream sediment silt sampling, rock and soil sampling.

Two personnel spent portions of three days on the Creek claims and three mandays were spent on the Uni claims. Personnel on the claims included Kennecott project geologist Roger Hulstein, along with summer contract personnel Rob Duncan, geologist and Louise Levesque, assistant.

The goal was to cover the property with widespread soil samples (100m-200m apart). Soil lines were completed on ridges, contours, and along roads. Mineralized and/or altered rocks were sampled where encountered. Creeks draining the west side of the Uni claims were sampled as well as those on the north side of the Creek claims.

Data for all the samples were noted on standardized sample cards. Hand-held GPS receivers (Garmin 12XL's) were used to plot locations of samples and outcrops (approximately +/- 50m accuracy). Samples were shipped to Vancouver and analysed by Chemex Labs.

2.0 GEOLOGY

2.1 Regional Geology

The Sixtymile district is located south of the Tintina Trench and lies within the Yukon-Tanana Terrane (Mortenson, 1996, Open File 1927, 1988). Geology consists of mid-Paleozoic metamorphosed psammites (Nasina Assemblage) and Mesozoic to Cenozoic volcanic, hypabyssal, and pyroclastic rocks with minor interlayered pelites (Carmacks Group event and later). Intrusive rocks consist of early (?) Jurassic granite and Cretaceous granodiorites.

The Sixtymile Lineament, a major NE trending fault structure that extends to Tok, Alaska, underlies the Sixtymile River valley. Other north to northeast trending fault structures are suspected to underlie prominent lineaments and to delineate contracts of the Carmacks Group volcanics. A northwest trending fault is suspected to underlie the linear drainage of Little Gold and a north trending fault is suspected to underlie the drainage of Big Gold Creek.

The area is underlain by a regional gravity low (GSC gravity data) which is thought to reflect a buried batholith, possibly of Carmacks age (68Ma-76Ma). The small mapped intrusions and Carmacks volcanics may be the surface and near surface manifestation of the batholith. The mapped intrusive and extrusive rocks and the possible batholith are the postulated heat source for the known (and possibly undiscovered) hydrothermal gold mineralization.

Quaternary alluvium locally fills the valleys and forms terraces up to 20m high. In most places, aside from valley bottoms, alluvium is much less extensive forms a and even in the Sixtymile valley averages only 5m – 8m thick.

2.2 Property Geology

The metamorphic Devonian to Mississippian Nasina Assemblage consists of graphitic and non-graphitic micaceous quartzite, micaceous phyllite, chlorite schist and minor marble (Figure 3) (Open File 1927). This package underlies the Uni and Creek claims. Subcrop of a minor feldspar porphyritic latite hypabyssal dyke or sill (of presumed Carmacks age) is found at the road fork to Glacier Creek on the Uni property, the only igneous rock found on either claim group. A northwest trending dyke may control the latite intrusive.

On the Uni property, the foliation, which is parallel to lithological contacts, is dominantly north to northwest and dips moderately to the east. Quartz filled veinlets in the Poker Creek drainage strike approximately east and dip steeply to the south. Faults on the Uni claims strike NNW with steep dips.

Poker Creek

Little Gold Creek

Glacier Creek

Owl Gulch

Miller Creek

Jalapeno Gulch

Walker Fork

MUS QTE ser; tr–5% pyy

x mnx & qtz cemented breccias

QTE

QTE;gy flt brx

QTE;gra;slc flt brx

qv (3cm)

DM_{sqc}

MUS QTE gra

IK_{vl} LAT;poy

x qv,galena

QTE gy mic

DM_{sqm}

x PHY–QTE (gra) qtz veinlets

QTE (gy)

QTE gy, ble, x–cutting qtz veinlets

SCALE 1:25,000

0 500 1000

(Metres)

LITHOLOGY LEGEND

* three letter Kennecott rock codes used.

CARMACKS GROUP
LATE CRETACEOUS

IK_{vl}	Greyish hypabyssal POY LAT.

NASINA ASSEMBAGE
LATE (?) DEVONIAN TO EARLY MISSISSIPPIAN

DM_{sqm}	Grey, pale green, to locally rusty weathering, fine grained, predominantly non–graphitic, MUS CHL QTE, QTZ MUS SCH, and PHY.
DM_{sqc}	Grey to dark grey, fine grained, predominantly +/– GRA MUS QTE, QTZ MUS SCH and PHY.

SYMBOL LEGEND

foliation, joint, vein.	
fault (approximate)	
fault (?); interpreted from 1999 High Sense airborne geophysics survey.	
geologic contact (approx.)	
x	rock float
limit of outcrop.	
road, trail	

ABBREVIATIONS

PHY	phyllite
LAT	latite
MUS	muscovite
QTE	quartzite
SCH	schist
ble	bleached
brx	breccia
chl	chlorite
flt	flt
gra	graphite
mic	mica
mnx	manganese oxide
poy	porphyritic
pyy	pyrite
qtz	quartz
ser	sericite
gy	grey
qv	quartz vein
tr	trace

Kennecott Canada Exploration Inc.
Vancouver

CREEK & UNI CLAIMS

GEOLOGY

Yukon Territory, Canada

SCALE: 1:25,000	DRAFTING: R.Zuran
FILE: GEOL_MAD.DWG	NTS:116 C/2 FIGURE: 3

The Creek claims are underlain by primarily non-graphitic micaceous phyllitic quartzite. The dominant foliation on the north facing ridge spur strikes northeast and dips moderately south.

3.0 MINERALIZATION and ALTERATION

Only minor alteration and mineralization was noted on the Creek 31-38 and Uni 42-53 claims. Minor galena was noted in quartz vein float on the ridge south of the Uni claims (rock samples VR84017A and 018A). Quartz vein breccia in silicified grey quartz with trace pyrite was noted just below the upper fork in Poker Creek (rock sample VR83228A). A porphyritic latite dyke, or sill, noted on the Uni claims is chloritic altered. Quartz veinlets, striking approximately east – west and dipping steeply south, were noted filling joints cutting quartzite near the road in the Poker Creek drainage. Quartz veinlets were also noted in phyllitic quartzite float on the Creek claims.

Located approximately 800m southeast of the Uni claims on the ridge are fragments and pieces of quartz vein float containing disseminated galena.

4.0 EXPLORATION RESULTS

Sample descriptions, analytical techniques and geochemical results are in Appendix A. All samples were analyzed for gold by fire assay with atomic absorption finish (FA/AA) and 32 other elements by the Induced Coupled Plasma method (ICP). Sample numbers and analytical results for gold are shown in Figure 4, results for arsenic are shown in Figure 5.

4.1 Rock Geochemistry

Ten rock samples were collected on or near the Creek 31-38 and Uni 42-53 claims. The most significant gold value, at 270ppb, was returned from a sample of quartz vein breccia cutting silicified grey quartzite (#VR83228A) in Poker Creek drainage. Two quartz vein float samples (#VR84017A, 018A) with disseminated galena contained <30 ppb gold, <36.6ppm As, <15.35ppm Ag, < 170ppm Bi and up to 19,790ppm Pb. Although the high Bi value is noteworthy, the low gold values in both the rock samples and nearby soil samples are disappointing.

On the Creek claims, a rock sample (VR60260) of quartz vein float, collected in a ridge saddle, contained 35ppb Au, 88.8ppm As, 1.08ppm Ag, all weakly anomalous, and 11.6ppm Sb, 1305ppm Zn, both moderately anomalous. On the ridge just to the east of the Creek claims, white quartz veins cut massive quartzite outcrop. Samples of this veining contained low gold values but one sample returned a high arsenic value of 300ppm.

N

500000 mE

502000 mE

504000 mE

506000 mE

508000 mE

7102000 mN

7100000 mN

VR58499A VR58496A VR83170A VR58498A VR83169A VR58501A VR83168A VR83228A VR58503A VR83226A VR80337A VR58502A VR58497A VR83167A VR58500A VR83227A VR83164A VR83166A VR42499A VR83072A VR19808A VR19811A VR83165A VR83074A VR19809A VR42500A VR54801A VR58504A VR57849A VR83163A VR57847A VR83162A VR83158A VR83161A VR57846A VR83152A VR83156A VR83160A VR57848A VR83154A VR83159A VR58495A VR83157A VR83153A VR83155A VR58494A VR82667A VR58493A VR57837A VR57838A VR82666A VR58492A VR57839A VR84017A VR19805A VR57836A VR84018A VR19806A VR22396A VR19718A VR85504A VR82677A VR82678A VR58429A VR58447A VR58430A VR58448A VR58431A VR83050A VR58432A VR58453A VR83049A VR58433A VR58450A VR58451A VR58434A VR60260A VR58452A VR58435A VR58436A VR58478A VR58454 VR58437A VR58439A VR58440A VR58438A VR58477A VR60259A VR60261A VR58476A VR58441A VR58443A VR58475A VR58442A VR58474A VR57789A VR58473A VR80134A VR58472A VR58471A VR57791A

Poker Creek

Glacier Creek

Walkers Fork

Miller Creek

SIXTY

SIXTY

Silt Percentiles
for: Au___ppb_

★	6 =< 8 [<30%]	(2)
★	8 =< 22 [30<60%]	(3)
★	22 =< 40 [60<80%]	(2)
★	40 =< 45 [80<90%]	(1)
★	45 =< 45 [90<95%]	(0)
☆	45 =< 45 [95<98%]	(1)
★	45 =< 45 [98<99%]	(0)
★	45 =< 45 [99% +]	(0)

Rock Percentiles
for: Au___ppb_

■	2.5 =< 2.5 [<30%]	(0)
■	2.5 =< 10 [30<60%]	(3)
■	10 =< 35 [60<80%]	(4)
■	35 =< 105 [80<90%]	(1)
■	105 =< 270 [90<95%]	(1)
■	270 =< 270 [95<98%]	(1)
■	270 =< 270 [98<99%]	(0)
■	270 =< 270 [99% +]	(0)

Soil Percentiles
for: Au___ppb_

●	0.5 =< 5 [<30%]	(24)
●	5 =< 8 [30<60%]	(25)
●	8 =< 12 [60<80%]	(18)
●	12 =< 20 [80<90%]	(8)
●	20 =< 28 [90<95%]	(4)
●	28 =< 38 [95<98%]	(3)
●	38 =< 105 [98<99%]	(1)
●	105. =< 105 [99% +]	(1)

KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

CREEK AND UNI CLAIMS

GOLD GEOCHEMISTRY AND SAMPLE NUMBERS

YUKON TERRITORY, CANADA

Date: 21/10/99	Author: RH	NTS: 116 C/2
Scale: 1:25,000		Figure: 4

500000 mE
502000 mE
504000 mE
506000 mE
508000 mE
7102000 mN
7100000 mN
Poker Creek
Poker Creek
Glacier Creek
Walkers Fork
Miller Creek
SIXTY
SIXTY
N

Silt Percentiles
for: As___ppm_

★	23.8 =< 113	[<30%]	(2)
★	113 =< 136	[30<60%]	(3)
★	136 =< 153	[60<80%]	(2)
★	153 =< 162.5	[80<90%]	(1)
★	162.5 =< 162.5	[90<95%]	(0)
☆	162.5 =< 162.5	[95<98%]	(1)
★	162.5 =< 162.5	[98<99%]	(0)
★	162.5 =< 162.5	[99% +]	(0)

Rock Percentiles
for: As___ppm_

■	12.2 =< 26.6	[<30%]	(2)
■	26.6 =< 83.6	[30<60%]	(3)
■	83.6 =< 90	[60<80%]	(2)
■	90 =< 203	[80<90%]	(1)
■	203 =< 300	[90<95%]	(1)
▩	300 =< 300	[95<98%]	(1)
■	300 =< 300	[98<99%]	(0)
■	300 =< 300	[99% +]	(0)

Soil Percentiles
for: As___ppm_

•	2.2 =< 16.8	[<30%]	(23)
•	16.8 =< 36.2	[30<60%]	(27)
•	36.2 =< 76.8	[60<80%]	(17)
•	76.8 =< 134	[80<90%]	(8)
•	134 =< 152	[90<95%]	(4)
•	152 =< 1430	[95<98%]	(3)
•	1430 =< 1480	[98<99%]	(1)
•	1480 =< 1480	[99% +]	(1)

KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

CREEK AND UNI CLAIMS

ARSENIC GEOCHEMISTRY

YUKON TERRITORY, CANADA

Date: 21/10/99	Author: RH	NTS: 116 C/2
Scale: 1:25,000		Figure: 5

4.2 Soil Geochemistry

A total of 84 soil samples were collected on or near the property. Anomalous samples with >28ppb gold (>95 percentile) and >134ppm arsenic (>90 percentile) were reported from both claim blocks.

The highest gold value (105ppb) was from sample (VR58498A), collected along the road in a disturbed area in the Poker Creek drainage on the Uni claims. Adjacent samples, approximately 200m away, returned 27ppb and 28ppb gold. This anomaly is attributed to quartz veining filling joint spaces found nearby and upslope of the anomalous samples. Arsenic values in the area were low, <84.6ppm, as were bismuth values at <0.32ppm.

Also, near the Uni claims, samples over the latite intrusion contained low gold values, <5ppb and low arsenic values, <42ppm, although two samples near the latite returned up to 194.5ppm As.

Soil samples results from the Creek property reported a high value of 38ppb gold. This sample was collected in a recessive ridge saddle and a sample collected down slope to the south returned 31ppb gold and 15.6ppm As. Three other samples on the claims returned between 20 and 31 ppb gold. Coincident anomalous arsenic values (>134ppm) are found with or near the anomalous gold values. It is possible that the anomalous gold and arsenic values can be attributed to quartz veins cutting quartzite such as on the ridge to the east of the Creek claims where the veins are well exposed. Bismuth values are low from soil samples on the Creek claims.

4.3 Stream Geochemistry

Eight samples were collected from creeks that drain the Creek and Uni claims. The gold values ranged between 6ppb to 40ppb while arsenic ranged between 23.8ppm and 162.5ppm. The samples returned low values for bismuth.

The highest gold value (40ppb Au and 128ppm As) was returned from a sample (VR22396A) collected in the north branch of Walkers Fork. This drainage does not contain any known mineralization beyond some tan to grey colored fine grained 'epithermal' quartz vein float boulders found on the road in Walkers Fork. Numerous quartz veins and a number of suspected faults cut the quartzites at the head of this anomalous creek which, although visibly unmineralized, may be contributing minor amounts of gold and arsenic to the creek sediment.

Three samples from Poker Creek returned low gold values (<22ppb) but moderate arsenic values (between 119ppm and 153ppm). The gold and arsenic source may be similar to that postulated for Walkers Fork as veining has been mapped and sampled in this drainage. In addition, the various faults may be the locus of mineralization.

Two samples from the head of Glacier Creek yielded low values although the higher sample of the two (VR19805A) drains the area of galena bearing quartz float and the mapped latite porphyry intrusion.

Two samples were collected on the north side of the Creek property. A sample (VR85504A) from a small north flowing drainage returned 21ppm gold and 113ppm arsenic and a sample (VR19718A) from Glacier Creek placer mine workings contained 32ppm gold and 162ppm arsenic. The moderately anomalous sample from Glacier Creek possibly represents undiscovered mineralization between it and the samples collected at the head of the creek.

Seven grains of scheelite were noted in sample VR85504 when a panned concentrate sample was lamped by ultraviolet light. This implies a tungsten source and a heat source to generate tungsten mineralization. Of the other 4 samples lamped (samples VR19718, 19806,19808,19811) the number of grains of scheelite ranged between none and 2.

5.0 CONCLUSIONS and RECOMMENDATIONS

Prospecting, mapping and sampling in 1999 on the Creek 31-38 and Uni 42-53 claim blocks failed to define significant gold mineralizartion. Outcrops found on the properties have restricted alteration and little mineralization. Anomalous gold and arsenic values from soil samples can be attributed to the known quartz veining and mineralization and probably to similar veining that is covered by alluvium.

The best stream sample result, from sample VR19718A, is located off the claims and indicates mineralization may lie upstream between the sample site and the upper fork of Glacier Creek.

The widespread nature of the weak gold and arsenic anomalies from rock, soil and stream samples suggests that the area is on the edge of a large hydrothermal system. This is consistent with the regional distribution of igneous rocks and the underlying gravity low anomaly.

Although the work reported above did not yield the most encouraging results some gold – arsenic soil anomalies remain to be followed up. Some additional work, starting with more geochemical soil and rock sampling, mapping and prospecting, is required to follow-up on the widespread anomalous values found on the Creek and Uni claims. In particular the pan concentrate sample anomalous in scheelite, found on the Creek claims, requires follow up. Attention should be paid to possible mineralized fault structures occupying recessive weathering areas.

6.0 REFERENCES

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Yukon Minfile, 1997. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.

7.0 STATEMENT OF QUALIFICATIONS (RWH)

I, Roger W. Hulstein, with business address:

Kennecott Canada Exploration Inc.
354-200 Granville Street
Vancouver, B.C.
V6C 1S4

and residential address in Whitehorse, Yukon Territory, do hereby certify that:

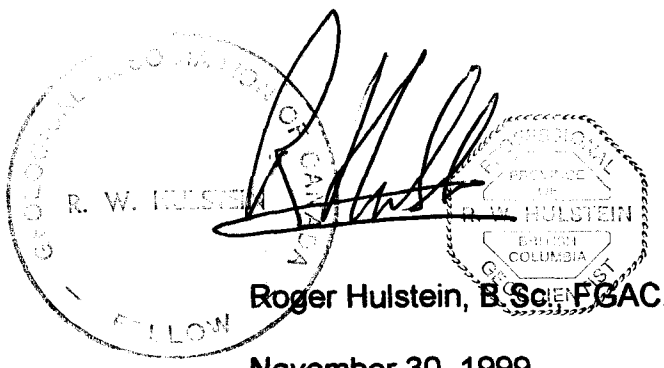
1. I am a geologist with Kennecott Canada Exploration Inc.

2. I am a graduate of Saint Mary's University, Halifax, with a degree in geology (B.Sc., 1981) and have been involved in geology and mineral exploration continuously since 1978.

3. I am a fellow of the Geological Association of Canada (F3572).

4. I am registered as a professional geoscientist (No. 19127) with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

5. I am the author of this report on the Creek 31-38 and Uni 42-53 claims located in the Dawson Mining District, Yukon. The report is based on personal examination of the ground on various dates between June 17, 1998 and June 30, 1999, fieldwork carried our by personnel of Kennecott Canada Exploration Inc. and on referenced sources.



Roger Hulstein, B.Sc., FGAC, P.Geo.

November 30, 1999

8.0 STATEMENT OF EXPENDITURES

Uni 42-53

Geochemistry	No.	$/sample	$Total	
Rocks	3	27.25	81.75	
Soils	22	25.52	561.44	
Pan Cons				
Silt	4	45.00	180.00	
Total Cost of all Samples			823.19	
Total Number of Samples	29	28.39		
				$823.19

Helicopter	Hrs	$Total	Applicable $	
9-Jul		2336.13		
21-Aug		3003.49		
Total Helicopter Costs				**$0.00**

Personnel					
	Days		Number	$/day	$Total
R.Hulstein	16-Jun		0.33	350.00	115.50
L.Levesque	18-Jun		1	250.00	250.00
Rob Duncan	18-Jun		1.33	300.00	399.00
Total Labour Costs					**$764.50**

Food, Truck, Gasoline, Rentals, Hotel, ATV'.	estimate	400.00
Total Field Costs		**$500.00**

Report	
Estimate	
Total Report Costs	**$500.00**

Total Costs	**$2,587.69**

Applied Costs
Labour, mobilization , report and all other expenses were applied to the the samples collected. As costs totaled $2090.77 and 33 samples were collected, each sample is valued at $85.00.

Claim Name	Claim No	Number Samples	Claim Value	($85/sample)
Uni	42	2	$170	
Uni	43	1	$85	
Uni	44	1	$85	
Uni	45	1	$85	
Uni	46	6	$510	
Uni	47	5	$425	
Uni	48	0	$0	
Uni	49	3	$255	
Uni	50	0	$0	
Uni	51	3	$255	
Uni	52	1	$85	
Uni	53	6	$510	

Geochemistry	No.	$/sample	$Total	
Rocks	3	27.25	81.75	
Soils	20	25.52	510.40	
Pan Cons				
Silt	0	45.00	0.00	
Total Cost of all Samples			592.15	
Total Number of Samples	23	25.75		
				$592.15

Helicopter	Hrs	$Total	Applicable $	
9-Jul		2336.13		
21-Aug		3003.49		
Total Helicopter Costs				**$0.00**

Personnel	Days	Number	$/day	$Total
R.Hulstein	June 13,14,15	1	350.00	350.00
L.Levesque	June 13,14,15	1	250.00	250.00
			300.00	
Total Labour Costs				**$600.00**

Food, Truck, Gasoline, Rentals, Hotel, ATV.	estimate	300.00	
Total Field Costs			**$300.00**

Report Estimate			
	15	275	4125
Total Report Costs			**$400.00**

Total Costs	**$1,892.15**

Applied Costs

Labour, mobilization , report and all other expenses were applied to the the samples collected. As costs totaled $1892.15 and 23 samples were collected, each sample is valued at $82.00.

Claim Name	Claim No	Number Samples	Claim Value	($82/sample)
Creek	31	0	$0	
Creek	32	3	$246	
Creek	33	5	$410	
Creek	34	6	$492	
Creek	35	3	$246	
Creek	36	5	$410	
Creek	37	1	$82	
Creek	38	0	$0	

ANALYTICAL TECHNIQUES

Sample Preparation Procedure:

The screening method for soil samples is to dry, manually disaggregate and screen out (if possible) up to 100 grams of 106 micron (–150 mesh) material. For stream sediment samples two fraction sizes are screened out: –63 micron (-250 mesh) and –180 to 63 microns (-80 mesh). Coarse fractions are labelled and stored by the lab.

Rock samples are first crushed to greater than 70% 2mm (-10 mesh) and then put through a riffle splitter. A 200-gram split is taken and pulverised to better than 95% 106 micron (-150 mesh) using a chrome-steel ring mill.

Trace Gold by Fire Assay Procedure:

A 30g prepared sample is fused with a lead oxide flux inquarted with 6mg of gold-free silver and then cupelled to yield a precious metal bead.

These beads are digested in 0.5ml concentrated nitric acid for 30 minutes and then 1.5 ml of concentrated hydrochloric acid is added and the mixture is digested for 1 hour. The samples are cooled, diluted to a final volume of 7.5ml with demineralized water, homogenised and analyzed by atomic absorption spectroscopy. Detection and upper limits are 5 and 10,000ppb, respectively.

Inductively-Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES):

A prepared sample (1.0g) is digested with concentrated nitric for one hour. After cooling, hydrochloric acid is added and the resulting aqua regia is then digested for an additional hour and a half. The solution is diluted to 25ml with demineralized water, mixed and analyzed for 32 elements by a plasma spectrometer after calibration with proper standards. The analytical results are corrected for spectral inter-element interference.

Incomplete digestion may occur with the following elements: aluminum, barium, beryllium, calcium, chromium, gallium, lanthanum, magnesium, potassium, scandium, sodium, strontium, thallium, titanium, and tungsten.

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: KENNECOTT CANADA, INC.
ATTN: ROGER HULSTEIN
354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

ROCK SAMPLES

Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

CERTIFICATE A99

(KAVD) - KENNECOTT CANADA, INC.

Project: YUKON GOLD
P.O. # : V080

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-NOV-1999.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	11	Geochem ring to approx 150 mesh
226	11	0-3 Kg crush and split
3202	11	Rock - save entire reject

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	11	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
9201	11	Al %: ICP + ICP-MS package	ICP	0.01	15.00
9202	11	Sb ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9203	11	As ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9204	11	Ba ppm: ICP + ICP-MS package	ICP	10	10000
9205	11	Be ppm: ICP + ICP-MS package	ICP	0.05	100.0
9206	11	Bi ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9235	11	B ppm: ICP + ICP-MS package	ICP	10	10000
9207	11	Cd ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	500
9208	11	Ca %: ICP + ICP-MS package	ICP	0.01	15.00
9209	11	Cr ppm: ICP + ICP-MS package	ICP	1	10000
9210	11	Co ppm: ICP + ICP-MS package	ICP	0.2	10000
9211	11	Cu ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9212	11	Ga ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9213	11	Ge ppm: ICP + ICP-MS package	ICP-MS	0.1	500
9214	11	Fe %: ICP + ICP-MS package	ICP	0.01	15.00
9215	11	La ppm: ICP + ICP-MS package	ICP	10	10000
9216	11	Pb ppm: ICP + ICP-MS package	ICP	2	10000
9217	11	Mg %: ICP + ICP-MS package	ICP	0.01	15.00
9218	11	Mn ppm: ICP + ICP-MS package	ICP	5	10000
9219	11	Hg ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9220	11	Mo ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9221	11	Ni ppm: ICP + ICP-MS package	ICP	1	10000
9222	11	P ppm: ICP + ICP-MS package	ICP	10	10000
9223	11	K %: ICP + ICP-MS package	ICP	0.01	10.00
9224	11	Sc ppm: ICP + ICP-MS package	ICP	1	10000
9225	11	Ag ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	100.0
9226	11	Na %: ICP + ICP-MS package	ICP	0.01	10.00
9227	11	Sr ppm: ICP + ICP-MS package	ICP	1	10000
9236	11	S %: ICP + ICP-MS package	ICP	0.01	5.00
9228	11	Te ppm: ICP + ICP-MS package	ICP-MS	0.05	500
9229	11	Tl ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	10000
9230	11	Ti %: ICP + ICP-MS package	ICP	0.01	10.00
9231	11	W ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9232	11	U ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9233	11	V ppm: ICP + ICP-MS package	ICP	1	10000
9234	11	Zn ppm: ICP + ICP-MS package	ICP	2	10000

	KENNECOTT CANADA EXPLORTAION INC.								
	SIXTY MILE PROPERTY - CREEK AND UNI CLAIMS								
	1999 ROCK SAMPLES								
Sample Number	Property	Sample Type	Geologist	Sample Date	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM
VR80134A	Sixty Mile	RK	FA/JB	19980911	Sample taken over a 40cm interval. WT QTZ VEN trends N-S; vertical dip. Strongly FRA by hairline LIM veinlets. Rock type is Gy and WT banded marble; strongly SLC. Sample taken from host rock.	7	506643	7099486	NAD 27
VR60259A	Sixty Mile	FL	RH	19990613	SAMPLE WAS TAKEN FROM FLOAT. SAMPLE IS VUGGY AND VUGS ARE FILLED WITH LIM. THE SAMPLE IS VEINED AND THESE QTZ VEINS ARE PERPENDICULAR TO THE FOLIATION.	7	506428	7099744	NAD 27
VR60260A	Sixty Mile	FL	RH	19990614	SAMPLE CONSISTS OF QTZ VEIN FLOAT WHICH WAS TAKEN NEXT TO SOIL SAMPLE SITE VR58452.	7	505595	7100074	NAD 27
VR60261A	Sixty Mile	FL	RH	19990614	SAMPLE WAS TAKEN FROM QZT FLOAT/SCREE WHICH IS FROM A LARGE NEARBY O/C OF QZT. 10 % OF THE FLOAT IS VEINED.	7	506579	7099757	NAD 27
VR84017A	Sixty Mile	FL	FA	19990616	FLOAT SAMPLE OF VUGGY METAMORPHIC QUARTZ VEIN. TAKEN NEAR SOIL SAMPLE VR58492. GALENA OCCURS BOTH AS DISSEMINATED GRAINS AND AS BLEBS.	7	502387	7101992	NAD 27
VR84018A	Sixty Mile	RG	FA	19990616	SAMPLE OF QTZ PIECES WITHIN A DESTRUCTED OUTCROP OF QUARTZ RICH SLATE. FOLIATION/BEDDING IS 340/13 E. GALENA OCCURS AS DISSEMINATED GRAINS AND AS BLEBS.	7	502380	7101971	NAD 27
VR80337A	Sixty Mile	RG	RZ	19990618	ROCK GRAB SAMPLE OF A FRACTURED, BRECCIATED QUARTZITE TAKEN IN TRENCH. THE OXIDES OCCUR AS STAINS.	7	502506	7103806	NAD 27
VR83226A	Sixty Mile	RG	RD	19990618	SAMPLE OF FAULT ZONE MATERIAL. OXIDIZED AND BRECCIATED QZT. THIS SAMPLE DOES NOT LOOK GOOD.	7	502409	7103866	NAD 27
VR83227A	Sixty Mile	RG	RD	19990618	SAMPLE OF FAULT BRECCIATED QTZ VEIN TAKEN FROM AN OLD TRENCH. THE OXIDE AND VEIN MATERIAL WAS TAKEN FROM A DRY LOOKING FAULT.	7	502012	7103777	NAD 27
VR83228A	Sixty Mile	FL	RD	19990618	QTZ VEIN BRECCIA IN SILICIFIED GREY QZT. A TRACE OF DISSEMINATED PYRITE IS SEEN IN BRECCIATED FRAGMENTS OF QZT IN VEIN. TAKEN FROM FLOAT IN STREAM AND ROADSIDE. SAMPLE IS SIMILAR TO STUFF AT GORD'S CAMP ON MILLER CREEK WITHOUT THE OPENSPACE TEXTURES. K	7	500869	7103602	NAD 27

Sample Number	Certificate	Certificate 2nd	Au ppb	As ppm	Ag ppm	Al %	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	CD ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hg ppm	K %	La ppm	Mg %
VR80134A	A9831731		10	300	-0.2	0.17	0	100	-0.5	-2	0.03	-0.5	1	210	21	0.8	-10	0	-1	0.07	-10	-0.01
VR60259A	A9920796		-5	19.8	0.58	0.16	-10	70	0.1	0.35	0.03	0.08	5.2	143	36.8	4.36	0.7	-0.1	0.01	0.06	-10	0.01
VR60260A	A9920796		35	88.8	1.08	0.57	-10	50	0.65	0.17	0.01	0.5	29	79	119	15	1.7	0.3	0.04	0.04	-10	0.01
VR60261A	A9920796		-5	12.2	0.12	0.07	-10	50	-0.05	0.09	4.51	0.08	4	113	23.2	2.14	0.4	-0.1	0.01	0.03	-10	2.21
VR84017A	A9920796		10	36.6	15.35	0.03	-10	10	-0.05	28.1	0.02	0.16	2	167	19.2	1.04	0.1	-0.1	-0.01	-0.01	-10	-0.01
VR84018A	A9920796	A9921895	30	90	93	0.05	-10	-10	-0.5	170	0.03	2.5	5	240	65	1.95	-10	0	-10	0.01	-10	-0.01
VR80337A	A9921165		-5	26.6	0.12	1.28	-10	120	0.15	0.04	0.22	0.14	4.4	102	52.4	1.61	2.4	-0.1	-0.01	0.22	-10	0.33
VR83226A	A9921165		105	83.6	0.2	0.29	-10	80	0.05	0.1	0.01	0.14	4	158	19.8	3.25	0.9	-0.1	-0.01	0.03	-10	-0.01
VR83227A	A9921165		10	79.2	0.44	0.22	-10	100	0.15	0.07	0.01	0.18	1.6	118	28.6	3.59	0.9	-0.1	0.02	0.05	-10	-0.01
VR83228A	A9921165		270	203	2	0.31	-10	160	0.05	0.01	-0.01	0.04	1.2	178	23	0.59	0.8	-0.1	-0.01	0.04	-10	-0.01

Sample Number	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR80134A	50	1	-0.01	5	110	22	0	-2	-1	5	0	-0.01	-10	-10	4	-10	26	
VR60259A	135	4	0.01	34	1110	28	0.01	0.7	1	12	0.15	-0.01	0.02	2.4	33	0.3	84	
VR60260A	285	6.4	0.01	289	3080	14	0.01	11.6	6	6	0.15	-0.01	0.1	5.15	114	0.5	1305	
VR60261A	2660	1	-0.01	10	170	8	0.01	0.4	1	53	-0.05	-0.01	-0.02	0.2	4	0.25	20	
VR84017A	70	1	-0.01	8	230	1665	0.02	1	-1	4	1.65	-0.01	0.02	0.45	1	0.25	30	
VR84018A	30	1	0.04	10	700	19790	0.28	30	-1	3	0	-0.01	-10	20	-1	-10	240	Minrlzd In Te and Ge fields
VR80337A	195	1	0.07	24	830	16	-0.01	0.6	2	16	-0.05	0.07	0.06	2.5	38	0.25	28	
VR83226A	110	1.6	-0.01	47	540	2	-0.01	2.3	-1	3	-0.05	-0.01	0.02	0.6	9	0.2	38	
VR83227A	60	1.8	0.01	8	1000	-2	0.01	6	-1	5	0.1	-0.01	0.04	1.15	16	0.25	18	
VR83228A	20	1.2	-0.01	9	50	-2	0.21	6.5	-1	4	-0.05	-0.01	0.02	0.95	6	0.2	10	

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: KENNECOTT CANADA, INC.
ATTN: ROGER HULSTEIN
354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

SILT SAMPLES

Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

CERTIFICATE A99

(KAVD) - KENNECOTT CANADA, INC.

Project: YUKON GOLD
P.O. # : V080

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-NOV-1999.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
250	11	Sieve less than 63 u
201	11	Dry, sieve to -80 mesh
202	11	save reject
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
3993	22	Au ppb: Fuse 30 gram-EXT-AA fin.	FA-EXT-AA	1	1000
9201	22	Al %: ICP + ICP-MS package	ICP	0.01	15.00
9202	22	Sb ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9203	22	As ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9204	22	Ba ppm: ICP + ICP-MS package	ICP	10	10000
9205	22	Be ppm: ICP + ICP-MS package	ICP	0.05	100.0
9206	22	Bi ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9235	22	B ppm: ICP + ICP-MS package	ICP	10	10000
9207	22	Cd ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	500
9208	22	Ca %: ICP + ICP-MS package	ICP	0.01	15.00
9209	22	Cr ppm: ICP + ICP-MS package	ICP	1	10000
9210	22	Co ppm: ICP + ICP-MS package	ICP	0.2	10000
9211	22	Cu ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9212	22	Ga ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9213	22	Ge ppm: ICP + ICP-MS package	ICP-MS	0.1	500
9214	22	Fe %: ICP + ICP-MS package	ICP	0.01	15.00
9215	22	La ppm: ICP + ICP-MS package	ICP	10	10000
9216	22	Pb ppm: ICP + ICP-MS package	ICP	2	10000
9217	22	Mg %: ICP + ICP-MS package	ICP	0.01	15.00
9218	22	Mn ppm: ICP + ICP-MS package	ICP	5	10000
9219	22	Hg ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9220	22	Mo ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9221	22	Ni ppm: ICP + ICP-MS package	ICP	1	10000
9222	22	P ppm: ICP + ICP-MS package	ICP	10	10000
9223	22	K %: ICP + ICP-MS package	ICP	0.01	10.00
9224	22	Sc ppm: ICP + ICP-MS package	ICP	1	10000
9225	22	Ag ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	100.0
9226	22	Na %: ICP + ICP-MS package	ICP	0.01	10.00
9227	22	Sr ppm: ICP + ICP-MS package	ICP	1	10000
9236	22	S %: ICP + ICP-MS package	ICP	0.01	5.00
9228	22	Te ppm: ICP + ICP-MS package	ICP-MS	0.05	500
9229	22	Tl ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	10000
9230	22	Ti %: ICP + ICP-MS package	ICP	0.01	10.00
9231	22	W ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9232	22	U ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9233	22	V ppm: ICP + ICP-MS package	ICP	1	10000
9234	22	Zn ppm: ICP + ICP-MS package	ICP	2	10000

KENNECOTT CANADA EXPLORTAION INC.

SIXTY MILE PROPERTY - CREEK AND UNI CLAIMS

1999 SILT SAMPLES; - 63 micron fraction

Sample Number	Property	Sample Type	Geol.	Sample Date	UTM ZONE	UTM EAST	UTM NORTH	DATUM	Certificate	Au ppb	As ppm	Ag ppm	Al %	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	CD ppm	Co ppm	Cr ppm
VR19618A	Sixty Mile	SS	RH	19980823	7	505959	7098476	NAD 27	A9829276	40	206	-0.2	1.38	0	190	-0.5	-2	0.31	0.5	12	29
✓ VR19718A	Sixty Mile	SS	RZ	19990612	7	506165	7101177	NAD 27	A9920798	32	162.5	0.34	1.09	-10	450	0.4	0.21	0.41	0.72	18.4	58
VR19804A	Sixty Mile	SS	RD	19990614	7	506365	7101405	NAD 27	A9920798	26	20.2	0.16	1.32	-10	260	0.4	0.15	0.64	0.46	11	42
✓ VR19805A	Sixty Mile	SS	RD	19990614	7	503710	7101825	NAD 27	A9920798	11	73.2	0.38	1.88	-10	530	0.3	0.13	0.47	0.7	22.6	55
✓ VR19806A	Sixty Mile	SS	RD	19990614	7	503695	7101725	NAD 27	A9920798	8	23.8	0.52	1.64	-10	240	0.3	0.18	0.29	0.74	14.4	50
✓ VR19808A	Sixty Mile	SS	RD	19990618	7	501185	7103635	NAD 27	A9921167	6	119	0.78	1.7	-10	260	0.5	0.25	0.25	0.56	12.2	46
✓ VR19809A	Sixty Mile	SS	RD	19990618	7	500890	7103490	NAD 27	A9921167	7	136	1.24	1.71	-10	240	0.5	0.23	0.34	1.76	31.6	63
✓ VR19811A	Sixty Mile	SS	RD	19990618	7	501600	7103475	NAD 27	A9921167	22	153	0.56	1.86	-10	280	0.45	0.2	0.37	1.54	24.6	111
VR22146A	Sixty Mile	SS	FA	19980815	7	505665	7098660	NAD 27	A9828284	15	166	0.4	1.57	0	300	-0.5	-2	0.45	1.5	17	47
VR22147A	Sixty Mile	SS	FA	19980815	7	505691	7098684	NAD 27	A9828284	15	166	0.2	1.22	0	380	-0.5	-2	0.24	0.5	19	40
VR22148A	Sixty Mile	SS	FA	19980815	7	506562	7098152	NAD 27	A9828284	45	144	0.2	1.17	0	300	-0.5	-2	0.25	0.5	16	35
VR22395A	Sixty Mile	SS	CL	19980911	7	500944	7101282	NAD 27	A9831711	10	80	0.8	1.69	0	380	-0.5	-2	0.5	4.5	14	34
✓ VR22396A	Sixty Mile	SS	CL	19980911	7	500975	7101389	NAD 27	A9831711	40	128	0.6	2.08	0	240	-0.5	-2	0.66	1.5	17	79
✓ VR85504A	Sixty Mile	SS	FA	19990607	7	506580	7101159	NAD 27	A9920338	21	113	0.52	1.4	-10	320	0.3	0.23	0.28	1.72	18.2	32

✓ = samples drain property

Sample Number	Cu ppm	Fe %	Ga ppm	Ge ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR19618A	28	2.87	-10	0	-1	0.05	10	0.37	660	1	-0.01	23	660	24	0	-2	3	28	0	0.06	-10	-10	50	-10	88
VR19718A	63.7	4.18	3	-0.1	0.15	0.08	10	0.7	3270	3.4	0.01	66	1020	12	0.05	1.4	5	26	0.1	0.03	0.14	2.45	46	0.5	140
VR19804A	24	2.88	3.8	-0.1	0.02	0.06	10	0.68	1250	2.2	0.02	32	940	-2	0.01	0.2	4	38	-0.05	0.07	0.08	1.2	60	0.7	76
VR19805A	22.6	3.16	4.9	-0.1	0.05	0.08	10	0.77	10000	4.4	0.01	61	600	6	0.03	-0.1	4	26	-0.05	0.05	0.14	1.9	45	0.05	106
VR19806A	37.6	3.51	4.7	-0.1	0.04	0.06	10	0.69	1145	2	0.01	39	810	10	0.03	0.7	4	20	0.05	0.05	0.12	1.35	57	0.35	116
VR19808A	47.4	3.86	4.4	-0.1	0.22	0.05	10	0.36	770	3.4	0.01	39	1200	18	0.05	1	3	25	0.05	0.04	0.28	1.85	47	0.3	110
VR19809A	60.6	4.39	4.1	-0.1	0.14	0.05	10	0.59	2270	3.8	-0.01	97	1000	16	0.04	1.6	5	21	0.05	0.04	0.56	4.4	48	0.4	308
VR19811A	40	3.88	5.3	-0.1	0.07	0.07	10	0.95	3010	2.4	0.01	110	860	14	0.03	1.1	6	20	-0.05	0.05	0.18	2.95	59	0.3	154
VR22146A	45	3.51	-10	0	-1	0.07	10	0.57	2020	1	-0.01	53	760	24	0	-2	6	29	0	0.05	-10	-10	51	-10	148
VR22147A	88	4.52	-10	0	-1	0.06	20	0.35	1980	5	-0.01	75	800	32	0	-2	6	19	0	0.05	-10	-10	48	-10	230
VR22148A	72	3.86	-10	0	-1	0.06	20	0.37	1450	4	-0.01	62	750	28	0	-2	5	21	0	0.05	-10	-10	46	-10	192
VR22395A	40	3.17	-10	0	-1	0.07	10	0.55	1420	7	-0.01	52	1100	34	0	2	4	25	0	0.05	-10	-10	54	-10	266
VR22396A	28	3.58	-10	0	-1	0.08	10	0.91	1475	6	-0.01	56	1180	28	0	2	5	30	0	0.06	-10	-10	60	-10	168
VR85504A	36.4	3.75	3.8	-0.1	0.05	0.06	10	0.39	1650	2.2	0.01	41	760	26	0.03	1	3	25	0.05	0.05	0.14	1.25	47	0.35	236

UV Lamping result for creeks draing Creek – Uni property.

Sample No.	Scheelite
VR19718	2 grains
VR19806	None
VR19808	2 grains
VR19811	1 "
VR85504	7 "

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: KENNECOTT CANADA, INC.
ATTN: ROGER HULSTEIN
354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

SOIL SAMPLES

Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

CERTIFICATE A99

(KAVD) - KENNECOTT CANADA, INC.

Project: YUKON GOLD
P.O. #: V080

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-NOV-1999.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
216	22	sieve to -150 mesh
202	22	save reject

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
3993	22	Au ppb: Fuse 30 gram-EXT-AA fin.	FA-EXT-AA	1	1000
9201	22	Al %: ICP + ICP-MS package	ICP	0.01	15.00
9202	22	Sb ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9203	22	As ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9204	22	Ba ppm: ICP + ICP-MS package	ICP	10	10000
9205	22	Be ppm: ICP + ICP-MS package	ICP	0.05	100.0
9206	22	Bi ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9235	22	B ppm: ICP + ICP-MS package	ICP	10	10000
9207	22	Cd ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	500
9208	22	Ca %: ICP + ICP-MS package	ICP	0.01	15.00
9209	22	Cr ppm: ICP + ICP-MS package	ICP	1	10000
9210	22	Co ppm: ICP + ICP-MS package	ICP	0.2	10000
9211	22	Cu ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9212	22	Ga ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9213	22	Ge ppm: ICP + ICP-MS package	ICP-MS	0.1	500
9214	22	Fe %: ICP + ICP-MS package	ICP	0.01	15.00
9215	22	La ppm: ICP + ICP-MS package	ICP	10	10000
9216	22	Pb ppm: ICP + ICP-MS package	ICP	2	10000
9217	22	Mg %: ICP + ICP-MS package	ICP	0.01	15.00
9218	22	Mn ppm: ICP + ICP-MS package	ICP	5	10000
9219	22	Hg ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9220	22	Mo ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9221	22	Ni ppm: ICP + ICP-MS package	ICP	1	10000
9222	22	P ppm: ICP + ICP-MS package	ICP	10	10000
9223	22	K %: ICP + ICP-MS package	ICP	0.01	10.00
9224	22	Sc ppm: ICP + ICP-MS package	ICP	1	10000
9225	22	Ag ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	100.0
9226	22	Na %: ICP + ICP-MS package	ICP	0.01	10.00
9227	22	Sr ppm: ICP + ICP-MS package	ICP	1	10000
9236	22	S %: ICP + ICP-MS package	ICP	0.01	5.00
9228	22	Te ppm: ICP + ICP-MS package	ICP-MS	0.05	500
9229	22	Tl ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	10000
9230	22	Ti %: ICP + ICP-MS package	ICP	0.01	10.00
9231	22	W ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9232	22	U ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9233	22	V ppm: ICP + ICP-MS package	ICP	1	10000
9234	22	Zn ppm: ICP + ICP-MS package	ICP	2	10000

	KENNECOTT CANADA EXPLORTAION INC.													
	SIXTY MILE PROPERTY - CREEK AND UNI CLAIMS													
	1999 SOIL SAMPLES													
Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	Certificate	Au ppb	As ppm	Ag ppm
VR42499A	Sixty Mile	SL	RZ	19990616		SAMPLE IS MARKED AS HAVING BEEN TAKEN WITHIN BOTH THE B AND C HORIZONS.	7	502789	7103276	NAD 27	A9920800	7	9	0.56
VR42500A	Sixty Mile	SL	RZ	19990616	POOR	POOR SAMPLE QUALITY.	7	502960	7103140	NAD 27	A9920800	-1	3.6	0.06
VR54801A	Sixty Mile	SL	RZ	19990616			7	503170	7103100	NAD 27	A9920800	3	8.2	0.3
VR57789A	Sixty Mile	SL	FA/JB	19980911		frost heave; good sample; at claim posts sixty 128/129 #1's.	7	506643	7099486	NAD 27	A9831725	10	118	-0.2
VR57791A	Sixty Mile	SL	FA/JB	19980912		good sample; B/C horizon.	7	506653	7099069	NAD 27	A9831725	15	54	0.2
VR57836A	Sixty Mile	SL	RH/CL	19980912			7	501106	7101953	NAD 27	A9831725	-5	20	-0.2
VR57837A	Sixty Mile	SL	RH/CL	19980912		okay sample	7	501195	7101972	NAD 27	A9831725	10	28	0.2
VR57838A	Sixty Mile	SL	RH/CL	19980912		okay sample	7	501294	7101981	NAD 27	A9831725	-5	20	0.2
VR57839A	Sixty Mile	SL	RH/CL	19980912		End of 1.0km soil line VR57829 to VR57839; okay sample.	7	501383	7102025	NAD 27	A9831725	5	16	0.2
VR57846A	Sixty Mile	SL	RH/CL	19980912		BLE MIC QZT-SCH.	7	502589	7102822	NAD 27	A9831725	-5	152	-0.2
VR57847A	Sixty Mile	SL	RH/CL	19980912		over DIO DIK	7	502635	7102795	NAD 27	A9831725	-5	10	-0.2
VR57848A	Sixty Mile	SL	RH/CL	19980912		duplicate of VR57847.	7	502621	7102792	NAD 27	A9831725	-5	16	-0.2
VR57849A	Sixty Mile	SL	RH/CL	19980912		Some DIK rock - FL present.	7	502645	7102787	NAD 27	A9831725	10	42	-0.2
VR58429A	Sixty Mile	SL	LL	19990613		SAMPLE WAS TAKEN BESIDE SAMPLE VR60258.	7	506252	7100893	NAD 27	A9920797	4	148.5	0.28
VR58430A	Sixty Mile	SL	LL	19990613	GOOD	GOOD SAMPLE BUT MAY BE CONTAMINATED BY SOME ASH.	7	506155	7100731	NAD 27	A9920797	8	104.5	0.2
VR58431A	Sixty Mile	SL	LL	19990613	MOD	MODERATE QUALITY SAMPLE WITH SOME ASH CONTAMINATION.	7	506135	7100608	NAD 27	A9920797	5	38.2	0.16
VR58432A	Sixty Mile	SL	LL	19990613	GOOD		7	506129	7100485	NAD 27	A9920797	20	137.5	0.68
VR58433A	Sixty Mile	SL	LL	19990613	GOOD		7	506122	7100406	NAD 27	A9920797	10	62.6	0.84
VR58434A	Sixty Mile	SL	LL	19990613	MOD	PHYLLITIC QUARTZITE IS IN SAMPLE AREA.	7	506063	7100260	NAD 27	A9920797	15	16	0.28
VR58435A	Sixty Mile	SL	LL	19990613	MOD		7	506012	7100153	NAD 27	A9920797	7	83.2	0.48
VR58436A	Sixty Mile	SL	LL	19990613	GOOD	QUARTZITE AROUND SCREE.	7	506002	7100017	NAD 27	A9920797	7	13	0.32
VR58437A	Sixty Mile	SL	LL	19990613	GOOD		7	506092	7099923	NAD 27	A9920797	8	37.2	0.66
VR58438A	Sixty Mile	SL	LL	19990613	GOOD	GOOD QUALITY SAMPLE.	7	506205	7099859	NAD 27	A9920797	38	134	1.24
VR58439A	Sixty Mile	SL	LL	19990613			7	506273	7099782	NAD 27	A9920797	10	144	1.34

Sample Number	Al %	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	CD ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %
VR42499A	2.1	-10	110	0.55	0.28	0.1	0.34	18.2	67	82.4	4.27	5.2	0.1	0.07	0.05	10	0.84	1235	2.4	0.01	66	670	14	0.01
VR42500A	1.36	-10	400	1.25	0.06	0.23	0.22	10.2	24	14.2	3.42	3.1	-0.1	0.03	0.06	10	0.17	1285	1.4	0.01	15	1130	20	0.01
VR54801A	1.71	-10	130	0.45	0.22	0.12	0.26	11.2	31	36.8	2.92	4.3	-0.1	0.04	0.05	10	0.44	365	1.4	0.01	28	580	12	0.01
VR57789A	1.48	0	220	-0.5	-2	0.34	-0.5	10	34	41	2.62	-10	0	-1	0.05	10	0.48	420	-1	-0.01	31	680	26	0
VR57791A	1.38	0	190	-0.5	-2	0.2	-0.5	14	32	50	2.91	-10	0	-1	0.05	10	0.34	565	1	-0.01	35	620	12	0
VR57836A	2.06	0	180	-0.5	-2	0.2	-0.5	9	33	24	2.92	-10	0	1	0.06	10	0.54	355	1	-0.01	20	480	16	0
VR57837A	2.25	0	190	-0.5	-2	0.25	-0.5	9	36	23	3.03	-10	0	-1	0.07	10	0.55	295	1	-0.01	20	610	14	0
VR57838A	1.88	0	190	-0.5	-2	0.25	-0.5	8	33	25	2.74	-10	0	-1	0.07	10	0.52	265	-1	-0.01	21	490	16	0
VR57839A	1.87	0	160	-0.5	-2	0.2	-0.5	7	29	22	2.59	-10	0	-1	0.06	10	0.47	190	2	-0.01	18	530	14	0
VR57846A	3.89	0	130	-0.5	-2	0.15	-0.5	46	829	15	3.72	10	0	-1	0.04	-10	4.99	965	-1	-0.01	422	200	20	0
VR57847A	1.07	0	300	1.5	-2	0.5	-0.5	12	14	13	3.7	-10	0	-1	0.08	20	0.25	1660	4	-0.01	17	2020	24	0
VR57848A	1.51	0	190	1	-2	0.24	-0.5	12	17	12	3.77	-10	0	-1	0.07	10	0.29	1360	2	-0.01	17	1190	22	0
VR57849A	1.7	0	430	0.5	-2	0.64	-0.5	12	118	15	3.26	-10	0	-1	0.05	10	0.53	580	2	-0.01	104	860	16	0
VR58429A	1.13	-10	90	0.25	0.35	0.1	0.52	12.6	23	49.8	3.86	4.9	-0.1	0.03	0.04	-10	0.15	1395	2.8	0.01	32	690	20	0.04
VR58430A	2.36	-10	250	0.4	0.23	0.16	0.86	14.6	40	43.6	3.76	5.8	-0.1	0.07	0.07	10	0.49	1220	2	0.01	42	640	14	0.01
VR58431A	2.89	-10	270	0.45	0.22	0.11	0.72	14.4	45	32.8	3.78	5.7	-0.1	0.05	0.07	10	0.56	480	1.8	0.01	39	510	14	0.02
VR58432A	2.07	-10	740	0.4	0.27	0.1	1.62	16	40	51.4	4.2	4.7	-0.1	0.1	0.06	10	0.4	730	2.8	0.01	55	800	18	0.02
VR58433A	1.27	-10	160	0.25	0.39	0.12	1.28	13.2	33	57.6	4.06	3.1	-0.1	0.07	0.06	10	0.27	455	4.4	0.01	57	840	44	0.06
VR58434A	2.06	-10	80	0.3	0.23	0.06	0.94	8.4	33	25.4	3.48	5.5	-0.1	0.09	0.04	-10	0.28	415	2	0.01	25	600	8	0.04
VR58435A	2.1	-10	110	0.3	0.21	0.12	0.74	11.4	38	43.2	3.71	5.3	-0.1	0.1	0.05	-10	0.36	445	2.2	0.01	37	950	12	0.03
VR58436A	1.99	-10	340	0.4	0.19	0.17	1.06	15.6	35	47.8	3.51	5.1	-0.1	0.05	0.05	10	0.53	1575	1.6	0.01	48	490	10	0.01
VR58437A	1.13	-10	240	0.25	0.21	0.14	0.84	9.4	27	55.8	3.35	3.1	-0.1	0.05	0.05	10	0.3	335	2.6	0.01	36	740	16	0.05
VR58438A	1.22	-10	240	0.35	0.33	0.07	2.82	26.8	21	120.5	5.2	3.4	0.1	0.08	0.05	10	0.23	2190	3.8	0.01	69	950	36	-0.01
VR58439A	1.29	-10	260	0.35	0.36	0.07	2.98	29	22	129	5.45	3.7	0.1	0.09	0.05	10	0.25	2300	4.2	0.01	70	980	36	-0.01

Sample Number	Sb ppm	Sc ppm	Sr ppm	Te ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR42499A	0.9	5	16	0.05	0.03	0.1	1.75	53	0.2	118
VR42500A	0.1	4	15	-0.05	0.01	0.08	0.6	52	0.15	72
VR54801A	0.5	3	13	0.05	0.04	0.12	1.05	43	0.15	66
VR57789A	-2	5	32	0	0.07	-10	-10	53	-10	78
VR57791A	-2	4	25	0	0.06	-10	-10	49	-10	86
VR57836A	-2	4	17	0	0.08	-10	-10	58	-10	74
VR57837A	-2	5	24	0	0.09	-10	-10	59	-10	66
VR57838A	-2	4	22	0	0.09	-10	-10	54	-10	70
VR57839A	-2	3	16	0	0.08	-10	-10	50	-10	58
VR57846A	-2	8	5	0	0.13	-10	-10	85	-10	80
VR57847A	-2	8	27	0	-0.01	-10	-10	45	-10	106
VR57848A	-2	6	15	0	-0.01	-10	-10	48	-10	102
VR57849A	-2	5	53	0	-0.01	-10	-10	47	-10	54
VR58429A	1.2	1	14	0.05	0.04	0.08	1.05	52	0.2	148
VR58430A	0.9	6	25	0.05	0.06	0.1	1.5	63	0.25	146
VR58431A	0.8	4	17	0.05	0.07	0.1	1.1	62	0.9	156
VR58432A	0.8	3	18	0.05	0.04	0.12	2	54	0.3	244
VR58433A	0.7	3	22	0.1	0.04	0.1	1.85	46	0.3	252
VR58434A	0.5	1	11	0.05	0.05	0.12	0.9	58	0.25	108
VR58435A	0.8	1	19	0.05	0.04	0.1	1.35	56	0.25	124
VR58436A	0.7	6	24	-0.05	0.08	0.12	1.6	56	0.2	150
VR58437A	1	4	28	0.05	0.04	0.16	1.95	44	0.25	168
VR58438A	1.7	6	15	0.15	0.05	0.14	3.75	47	0.25	288
VR58439A	1.8	6	16	0.15	0.05	0.14	4.05	49	0.25	302

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	Certificate	Au ppb	As ppm	Ag ppm
VR58440A	Sixty Mile	SL	LL	19990613	GOOD		7	506367	7099725	NAD 27	A9920797	4	47.8	0.58
VR58441A	Sixty Mile	SL	LL	19990613	GOOD		7	506512	7099686	NAD 27	A9920797	4	16.8	0.2
VR58442A	Sixty Mile	SL	LL	19990613	GOOD	SAMPLE WAS TAKEN FROM A FROST BOIL ON THE RIDGE. DUPLICATE SAMPLE.	7	506637	7099592	NAD 27	A9920797	6	22.2	0.5
VR58443A	Sixty Mile	SL	LL	19990613	GOOD	DUPLICATE SAMPLE TAKEN FROM A FROST BOIL ON A RIDGE.	7	506632	7099609	NAD 27	A9920797	6	89.8	0.26
VR58447A	Sixty Mile	SL	LL	19990614	MOD		7	505540	7100832	NAD 27	A9920800	4	16.8	0.54
VR58448A	Sixty Mile	SL	LL	19990614	POOR		7	505419	7100693	NAD 27	A9920800	8	23.8	0.46
VR58450A	Sixty Mile	SL	LL	19990614	MOD	POSSIBLY CONTAMINATED BY ASH.	7	505345	7100192	NAD 27	A9920800	14	118.5	0.4
VR58451A	Sixty Mile	SL	LL	19990614		POSSIBLY CONTAMINATED WITH ASH.	7	505476	7100116	NAD 27	A9920800	9	32.8	0.64
VR58452A	Sixty Mile	SL	LL	19990614	POOR		7	505598	7100061	NAD 27	A9920800	5	10.8	0.22
VR58453A	Sixty Mile	SL	LL	19990614	POOR	SAMPLE IS CONTAMINATED WITH ASH AND CONTAINS PEBBLES AND ORGANICS.	7	505763	7100052	NAD 27	A9920800	3	19.6	0.32
VR58454A	Sixty Mile	SL	LL	19990614	GOOD	VERY GOOD QUALITY SAMPLE.	7	505857	7100026	NAD 27	A9920800	20	27.6	0.9
VR58471A	Sixty Mile	SL	LL	19990615		SAMPLE IS CONTAMINATED BY ASH.	7	506533	7099189	NAD 27	A9920800	10	32	0.28
VR58472A	Sixty Mile	SL	LL	19990615		SOME ASH CONTAMINATION.	7	506407	7099384	NAD 27	A9920800	9	33.8	0.16
VR58473A	Sixty Mile	SL	LL	19990615		SAMPLE IS TAKEN FROM FROZEN GROUND. IT IS CONTAMINATED BY ASH AND CONTAINS A TRACE OF ORGANICS.	7	506251	7099493	NAD 27	A9920800	31	15.6	0.16
VR58474A	Sixty Mile	SL	LL	19990615		SAMPLE CONTAMINATED WITH ASH AND CONTAINS A TRACE OF ORGANICS.	7	506057	7099551	NAD 27	A9920800	12	41.4	0.34
VR58475A	Sixty Mile	SL	LL	19990615	GOOD	GOOD QUALITY SAMPLE WHICH HAS BEEN CONTAMINATED BY ASH AND CONTAINS A TRACE OF ORGANICS.	7	505890	7099665	NAD 27	A9920800	8	19.8	0.16
VR58476A	Sixty Mile	SL	LL	19990615	MOD	SAMPLE CONTAINS A TRACE OF ORGANICS.	7	505710	7099809	NAD 27	A9920800	7	13.6	0.2
VR58477A	Sixty Mile	SL	LL	19990615	GOOD	SAMPLE CONTAINS A TRACE OF ORGANICS.	7	505500	7099877	NAD 27	A9920800	5	38	0.26

Sample Number	Al %	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	CD ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %
VR58440A	1.6	-10	200	0.25	0.24	0.08	0.62	10.2	41	61.6	3.86	4.2	-0.1	0.07	0.04	10	0.28	335	3	0.01	32	990	18	0.01
VR58441A	1.93	-10	170	0.35	0.21	0.14	0.22	17.2	41	53.2	3.8	4.6	-0.1	0.07	0.05	10	0.42	965	1.8	0.01	43	700	6	0.01
VR58442A	2.58	-10	180	0.4	0.22	0.1	0.26	12.4	43	37	4.15	5.7	-0.1	0.06	0.05	10	0.45	755	1.8	0.01	38	460	6	0.02
VR58443A	2.56	-10	200	0.6	0.2	0.13	0.22	11.8	42	37.2	3.16	5.4	-0.1	0.07	0.06	10	0.54	320	1.4	0.01	24	540	16	0.01
VR58447A	1.58	-10	120	0.3	0.3	0.1	0.48	13.8	31	36.2	3.51	5	-0.1	0.06	0.06	10	0.37	1365	2.4	0.01	30	750	18	0.03
VR58448A	1.41	-10	170	0.3	0.28	0.15	0.54	14.6	44	58.5	4.36	5.1	0.1	0.05	0.06	10	0.32	885	2.6	-0.01	58	710	12	0.03
VR58450A	1.96	-10	240	0.3	0.25	0.09	0.56	9.2	34	55.4	3.43	5	-0.1	0.04	0.05	10	0.38	365	2.8	-0.01	30	740	14	0.01
VR58451A	1.56	-10	290	0.3	0.25	0.11	1.02	10.6	26	64.3	3.42	3.9	-0.1	0.05	0.06	10	0.31	330	4.6	-0.01	40	1000	18	0.03
VR58452A	2.11	-10	110	0.35	0.23	0.09	0.36	7	28	27.2	2.66	6.3	-0.1	0.05	0.04	-10	0.25	330	1.6	-0.01	16	630	8	0.01
VR58453A	1.58	-10	80	0.25	0.27	0.07	0.76	10.2	26	35.8	3.29	6.7	-0.1	0.08	0.05	-10	0.24	695	2.2	0.01	24	530	12	0.03
VR58454A	1.35	-10	230	0.25	0.25	0.12	1.12	10.2	27	71.3	3.42	3.5	-0.1	0.07	0.06	10	0.29	360	4	-0.01	39	840	18	0.04
VR58471A	1.34	-10	230	0.3	0.16	0.23	0.3	12.2	43	57.9	3.43	3.8	-0.1	0.04	0.04	10	0.41	515	1.6	0.01	40	680	6	-0.01
VR58472A	1.97	-10	190	0.4	0.16	0.24	0.26	9	36	28	2.71	4.8	-0.1	0.1	0.05	-10	0.49	425	1.2	0.01	22	690	6	0.01
VR58473A	2.18	-10	190	0.4	0.19	0.16	0.16	9.2	41	35.8	3.15	5.2	-0.1	0.05	0.05	-10	0.51	475	1.4	0.01	27	390	2	0.01
VR58474A	2.31	-10	170	0.45	0.26	0.1	0.42	11.4	39	42	3.42	6.1	-0.1	0.06	0.05	-10	0.4	495	2.4	0.01	25	680	10	0.01
VR58475A	2.7	-10	190	0.45	0.21	0.12	0.5	13.4	42	37	3.59	6.1	-0.1	0.04	0.06	-10	0.49	640	2	0.01	31	510	8	0.01
VR58476A	2.13	-10	200	0.35	0.19	0.18	0.32	12.2	39	42.4	3.24	5	-0.1	0.03	0.05	10	0.48	720	1.6	-0.01	29	520	2	0.01
VR58477A	2.97	-10	180	0.45	0.25	0.1	0.42	17.2	43	38	4.25	7.7	-0.1	0.03	0.05	-10	0.47	840	2.4	0.01	28	870	10	0.01

Sample Number	Sb ppm	Sc ppm	Sr ppm	Te ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR58440A	0.6	5	15	0.05	0.04	0.1	3.25	55	0.25	122
VR58441A	0.6	4	14	0.05	0.05	0.1	1.25	50	0.25	82
VR58442A	0.7	4	18	0.05	0.06	0.12	0.9	60	0.25	74
VR58443A	0.7	5	19	0.05	0.07	0.1	1.65	61	0.25	62
VR58447A	0.1	2	14	0.05	0.04	0.12	1.3	47	0.25	142
VR58448A	1.3	3	15	0.05	0.04	0.12	1.6	56	0.25	156
VR58450A	0.7	3	18	0.1	0.05	0.14	1.85	51	0.25	134
VR58451A	0.8	3	23	0.05	0.04	0.16	3	42	0.3	240
VR58452A	0.5	2	13	-0.05	0.06	0.1	1.4	48	0.2	54
VR58453A	0.7	1	10	0.05	0.07	0.12	0.95	61	0.25	104
VR58454A	1.3	4	22	0.05	0.04	0.16	3.6	44	0.25	188
VR58471A	1.2	5	21	-0.05	0.05	0.08	1.55	50	0.3	84
VR58472A	0.5	3	20	-0.05	0.06	0.08	0.95	52	0.3	66
VR58473A	0.5	4	16	-0.05	0.06	0.08	1.1	53	0.2	64
VR58474A	0.5	3	14	0.05	0.06	0.1	1.6	61	0.25	88
VR58475A	0.5	4	17	0.05	0.07	0.1	1.05	61	0.25	106
VR58476A	0.5	5	20	-0.05	0.07	0.08	1.25	57	0.25	82
VR58477A	1.2	4	16	0.05	0.07	0.12	1.25	71	0.3	82

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	Certificate	Au ppb	As ppm	Ag ppm
VR58478A	Sixty Mile	SL	LL	19990615	GOOD	SAMPLE CONTAINS A TRACE OF ORGANICS.	7	505323	7099980	NAD 27	A9920800	6	40	0.36
						SAMPLE WAS TAKEN ABOVE								
VR58492A	Sixty Mile	SL	LL	19990616	MOD	ROCK SAMPLE VR 84017. FRACTURED WHITE QTZ VEIN TRENDING 265 DEGREES.	7	502382	7101986	NAD 27	A9920800	3	18.6	0.3
VR58493A	Sixty Mile	SL	LL	19990616	POOR	SAMPLE IS CONTAMINATED BY ASH.	7	502335	7102150	NAD 27	A9920800	-1	2.2	0.3
VR58494A	Sixty Mile	SL	LL	19990616	GOOD		7	502451	7102329	NAD 27	A9920800	7	19	0.08
VR58495A	Sixty Mile	SL	LL	19990616	MOD	FRAGMENTS OF SCHIST AND OXIDIZED VOLCANICS.	7	502333	7102476	NAD 27	A9920800	9	84.6	0.6
VR58496A	Sixty Mile	SL	LL	19990618	GOOD	PEBBLE RICH SAMPLE TAKEN FROM A FROST BOIL.	7	502410	7103694	NAD 27	A9921166	13	48.2	0.54
VR58497A	Sixty Mile	SL	LL	19990618			7	502211	7103706	NAD 27	A9921166	28	39.8	0.34
VR58498A	Sixty Mile	SL	LL	19990618	GOOD	SAMPLE WAS TAKEN IN A DISTURBED AREA.	7	502012	7103777	NAD 27	A9921166	105	36.2	0.88
VR58499A	Sixty Mile	SL	LL	19990618	GOOD	GOOD QUALITY B HORIZON SAMPLE WITH QTZ FRAGMENTS.	7	501820	7103709	NAD 27	A9921166	27	16.8	0.32
VR58500A	Sixty Mile	SL	LL	19990618	MOD	MODERATE TO GOOD QUALITY B HORIZON SAMPLE WITH LOTS OF ORGANICS.	7	501625	7103712	NAD 27	A9921166	6	11.8	0.26
VR58501A	Sixty Mile	SL	LL	19990618	MOD	MODERATE TO GOOD B HORIZON SAMPLE.	7	501431	7103660	NAD 27	A9921166	6	14	0.18
VR58502A	Sixty Mile	SL	LL	19990618	GOOD	HIGH ORGANIC CONTENT BUT GOOD QUALITY A-B HORIZON.	7	501242	7103638	NAD 27	A9921166	4	21.4	0.72
VR58503A	Sixty Mile	SL	LL	19990618			7	501052	7103603	NAD 27	A9921166	6	28.2	0.68
VR58504A	Sixty Mile	SL	LL	19990618	MOD	MODERATE QUALITY A-B BORDERLINE SAMPLE.	7	500936	7103523	NAD 27	A9921166	3	55	0.76
VR82667A	Sixty Mile	SL	FA	19990624	GOOD	GOOD QUALITY SAMPLE.	7	503269	7102223	NAD 27	A9921625	4	13.4	0.08
VR82668A	Sixty Mile	SL	FA	19990624			7	503226	7102030	NAD 27	A9921625	4	29.8	0.3
VR82677A	Sixty Mile	SL	FA	19990624	GOOD	GOOD QUALITY SAMPLE. DUPLICATE OF VR82678.	7	505312	7100928	NAD 27	A9921625	4	1480	0.54
VR82678A	Sixty Mile	SL	FA	19990624	GOOD	GOOD QUALITY SAMPLE. DUPLICATE OF VR82677.	7	505312	7100929	NAD 27	A9921625	-1	1430	0.52
VR83049A	Sixty Mile	SL	FA	19990613	GOOD	GOOD QUALITY SAMPLE. QTZ SCHIST.	7	505264	7100424	NAD 27	A9920797	11	22.6	0.36

Sample		B	Ba	Be	Bi		CD	Co	Cr	Cu		Ga	Ge	Hg		La		Mn	Mo		Ni	P	Pb	
Number	Al %	ppm	ppm	ppm	ppm	Ca %	ppm	ppm	ppm	ppm	Fe %	ppm	ppm	ppm	K %	ppm	Mg %	ppm	ppm	Na %	ppm	ppm	ppm	S %
VR58478A	2.62	-10	290	0.35	0.27	0.17	0.52	10.4	38	34.8	3.14	6.8	-0.1	0.03	0.06	-10	0.45	360	2.8	0.01	23	970	14	0.01
VR58492A	2.48	-10	150	0.45	0.2	0.1	0.16	13.6	41	53.3	3.71	5	-0.1	0.05	0.07	10	0.51	530	1.6	0.01	40	440	10	0.04
VR58493A	1.27	-10	30	0.15	0.04	0.1	0.02	1.2	5	11	0.67	2.5	-0.1	0.03	0.02	-10	0.05	40	0.2	0.03	2	470	-2	0.03
VR58494A	3.09	-10	150	0.55	0.32	0.1	0.24	12	49	28.2	3.57	6.6	-0.1	0.05	0.06	10	0.53	370	1.6	0.01	29	550	14	0.01
VR58495A	1.95	-10	290	0.4	0.19	0.25	0.28	14.8	72	63	3.29	5	-0.1	0.07	0.08	10	0.61	475	1.2	0.01	53	940	8	0.01
VR58496A	1.8	-10	190	0.45	0.22	0.17	0.5	11.8	41	41.6	3.5	4.9	-0.1	0.07	0.06	10	0.45	630	2	0.01	34	830	16	0.01
VR58497A	1.61	-10	140	0.3	0.18	0.15	0.24	8	37	31.4	3.04	4.5	-0.1	0.04	0.06	-10	0.48	270	2	0.01	22	720	6	0.04
VR58498A	1.23	-10	140	0.25	0.27	0.12	0.28	6.2	32	32	2.78	3.8	-0.1	0.07	0.07	-10	0.33	205	3.4	0.03	18	850	6	0.09
VR58499A	1.37	-10	110	0.25	0.16	0.16	0.28	6.8	32	28	2.6	4.1	-0.1	0.04	0.04	10	0.39	215	1.6	0.01	18	680	6	0.01
VR58500A	1.67	-10	120	0.3	0.17	0.12	0.22	7.4	37	25.4	2.74	4.8	-0.1	0.04	0.04	-10	0.42	230	1.2	0.01	17	600	4	0.01
VR58501A	2.01	-10	150	0.35	0.19	0.15	0.2	9.2	43	22	3.03	5.4	-0.1	0.04	0.04	-10	0.48	330	1.2	0.01	21	610	6	0.01
VR58502A	1.27	-10	120	0.3	0.18	0.1	0.4	6.6	30	31	2.62	3.7	-0.1	0.08	0.03	-10	0.27	250	2.4	0.01	22	660	16	0.01
VR58503A	1.98	-10	210	0.35	0.21	0.12	0.26	10.2	41	23.2	3.04	5.6	-0.1	0.1	0.05	10	0.44	180	1.6	0.01	18	710	10	0.01
VR58504A	1.42	-10	150	0.25	0.19	0.1	0.24	8	30	30.8	2.64	4.4	-0.1	0.17	0.04	-10	0.26	330	3.4	0.02	16	770	8	0.04
VR82667A	2.52	-10	320	0.65	0.19	0.18	0.08	11	44	25	3.03	5.9	-0.1	0.03	0.06	10	0.65	365	1	0.01	24	430	6	-0.01
VR82668A	2.13	-10	200	0.35	0.27	0.12	0.2	8.8	54	26.4	3.05	7.2	-0.1	0.05	0.05	-10	0.59	330	1.2	0.01	28	380	8	0.01
VR82677A	0.59	-10	150	0.3	0.29	0.33	1.04	25.2	32	54	5.68	2	-0.1	0.03	0.05	-10	0.19	1235	5.4	0.01	61	910	30	0.05
VR82678A	0.56	-10	130	0.2	0.26	0.32	1.04	25.4	32	48.8	5.58	1.8	-0.1	0.03	0.05	-10	0.19	1275	5	-0.01	60	890	26	0.05
VR83049A	2.33	-10	140	0.4	0.18	0.12	0.72	11.6	37	39.8	3.58	4.7	-0.1	0.08	0.05	-10	0.47	455	1.8	0.01	33	730	14	0.03

Sample Number	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR58478A	0.6	3	26	0.05	0.06	0.12	1.8	61	0.25	86
VR58492A	0.6	4	20	0.05	0.08	0.12	1.2	58	0.2	82
VR58493A	-0.1	-1	11	-0.05	0.03	0.02	0.2	13	0.05	10
VR58494A	0.7	4	13	0.05	0.07	0.14	0.95	70	0.25	66
VR58495A	2.2	10	27	0.05	0.05	0.2	1.65	75	0.25	88
VR58496A	1.1	4	19	0.05	0.05	0.12	1.3	53	0.25	110
VR58497A	0.9	3	18	-0.05	0.05	0.1	0.95	44	0.25	76
VR58498A	1.9	3	21	0.05	0.04	0.24	1.05	37	0.25	52
VR58499A	0.7	2	16	-0.05	0.05	0.08	0.8	42	0.25	68
VR58500A	0.7	2	12	-0.05	0.05	0.08	0.8	44	0.2	66
VR58501A	0.5	3	14	-0.05	0.06	0.08	0.7	50	0.3	74
VR58502A	0.6	1	13	0.05	0.03	0.1	1.25	37	0.25	68
VR58503A	0.5	3	16	-0.05	0.04	0.12	1.2	54	0.25	76
VR58504A	0.9	1	18	0.05	0.03	0.22	1.85	43	0.2	54
VR82667A	0.4	6	15	-0.05	0.07	0.16	1.1	60	0.2	42
VR82668A	0.5	3	11	0.05	0.06	0.16	0.8	70	0.2	42
VR82677A	0.9	5	24	0.2	-0.01	0.18	1.6	73	0.15	216
VR82678A	0.8	5	22	0.2	-0.01	0.18	1.5	75	0.2	204
VR83049A	1	3	15	0.05	0.05	0.12	1.5	52	0.25	168

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	Certificate	Au ppb	As ppm	Ag ppm
						POOR SAMPLE QUALITY. SAMPLE CONTAINS ABUDANT COLLUVIUM. GREY QTZ RICH								
VR83050A	Sixty Mile	SL	FA	19990613	POOR	SCHIST.	7	505363	7100594	NAD 27	A9920797	7	17.4	0.28
VR83072A	Sixty Mile	SL	FA	19990618	GOOD	GOOD QUALITY SAMPLE. IN QZT BEDROCK?	7	503176	7103342	NAD 27	A9921166	3	23	0.38
VR83073A	Sixty Mile	SL	FA	19990618	GOOD	GOOD QUALITY SAMPLE IN QZT BEDROCK. DUPLICATE SAMPLE.	7	503176	7103343	NAD 27	A9921166	5	22.6	0.54
VR83074A	Sixty Mile	SL	FA	19990618		PORPHYRITIC ANDESITE BEDROCK. Card not filled out completely.	7	503116	7103249	NAD 27	A9921166	2	9.8	0.1
VR83152A	Sixty Mile	SL	RD	19990616	GOOD	GOOD SAMPLE TAKEN NEAR RD-47. B - C HORIZON.	7	500955	7102507	NAD 27	A9920800	9	21.4	1.36
VR83153A	Sixty Mile	SL	RD	19990616	GOOD	RUSTY FROST BOIL. GOOD B HORIZON.	7	501119	7102463	NAD 27	A9920800	5	127.5	0.4
VR83154A	Sixty Mile	SL	RD	19990616	GOOD	FROST BOIL SAMPLE WITH MUSC. QUARTZITE AND GRAPHITIC QUARTZITE CHIPS. GOOD SAMPLE. B - C HORIZON.	7	501322	7102492	NAD 27	A9920800	6	10.8	0.28
VR83155A	Sixty Mile	SL	RD	19990616	MOD	POSSIBLE ASH/LOESS CONTAMINATION. MODERATE B - C HORIZON SAMPLE FROM FROST BOIL.	7	501560	7102486	NAD 27	A9920800	12	47.2	0.58
VR83156A	Sixty Mile	SL	RD	19990616	GOOD	GOOD B - C SAMPLE FROM FROST BOIL.	7	501758	7102501	NAD 27	A9920800	18	63.4	0.48
VR83157A	Sixty Mile	SL	RD	19990616	MOD	FROST BOIL SAMPLE IN FROZEN AREA. FAIR TO GOOD QUALITY B - C HORIZON SAMPLE.	7	501957	7102521	NAD 27	A9920800	6	19.6	0.34
VR83158A	Sixty Mile	SL	RD	19990616	MOD	FAIR SAMPLE WITH ASH CONTAMINATION. B - C HORIZON SAMPLE.	7	502135	7102552	NAD 27	A9920800	9	20.6	0.34
VR83159A	Sixty Mile	SL	RD	19990616	GOOD	GOOD B HORIZON SAMPLE IN FROST BOIL.	7	502318	7102565	NAD 27	A9920800	3	75.8	0.28
VR83160A	Sixty Mile	SL	RD	19990616	GOOD	GOOD QUALITY SAMPLE.	7	502425	7102688	NAD 27	A9920800	31	14.4	0.12
VR83161A	Sixty Mile	SL	RD	19990616	MOD	MICACEOUS PHYLLITES. MODERAT TO GOOD QUALITY C HORIZON SAMPLE.	7	502540	7102824	NAD 27	A9920800	4	194.5	0.28

Sample Number	Al %	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	CD ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %
VR83050A	1.84	-10	110	0.3	0.22	0.08	0.5	8.2	29	28.6	3.17	5.8	-0.1	0.05	0.05	-10	0.32	345	2	0.01	21	470	12	0.03
VR83072A	2.36	-10	110	0.65	0.26	0.09	0.48	14.8	112	33.4	3.71	5.7	-0.1	0.13	0.04	10	0.77	580	2.2	0.01	43	650	8	0.03
VR83073A	2.48	-10	110	0.55	0.26	0.1	0.42	12.6	118	33.6	3.69	5.8	-0.1	0.1	0.04	10	0.81	420	2.2	0.01	41	720	10	0.04
VR83074A	2.68	-10	180	1	0.23	0.15	0.24	7.4	35	11.6	3.67	7.1	-0.1	0.07	0.03	-10	0.35	250	1.8	0.01	15	730	18	0.04
VR83152A	1.07	-10	180	0.2	0.31	0.06	0.08	3.4	20	19	2.08	2.8	-0.1	0.16	0.05	20	0.21	85	4.2	-0.01	12	370	34	0.03
VR83153A	0.65	-10	140	0.7	0.04	0.1	0.6	40.2	71	61.6	4.7	2.4	0.1	0.05	0.05	-10	0.16	2570	0.6	-0.01	78	490	2	-0.01
VR83154A	1.28	-10	170	0.25	0.16	0.15	0.18	6	40	35.8	2.8	3.2	-0.1	0.03	0.05	10	0.3	225	1.8	0.01	19	410	8	-0.01
VR83155A	2.2	-10	290	0.5	0.18	0.16	0.16	9.6	37	33.6	2.99	4.7	-0.1	0.09	0.06	10	0.48	175	2.4	0.01	23	510	30	0.01
VR83156A	1.66	-10	210	0.3	0.15	0.24	0.24	6.4	34	25.6	2.82	4	-0.1	0.09	0.06	10	0.48	150	2.2	0.01	21	740	6	-0.01
VR83157A	1.86	-10	190	0.35	0.14	0.44	0.34	16.8	67	48	3.26	4.8	-0.1	0.03	0.06	10	1.04	300	1.2	0.01	40	550	6	-0.01
VR83158A	1.97	-10	200	0.4	0.15	0.46	0.32	17.6	71	49	3.44	5	-0.1	0.03	0.06	10	1.1	310	1.2	0.01	42	580	8	-0.01
VR83159A	1.94	-10	150	0.4	0.32	0.2	0.18	10	71	48.2	3.78	4.8	-0.1	0.05	0.07	10	0.77	205	0.8	0.01	44	680	12	-0.01
VR83160A	2.83	-10	600	0.6	0.15	0.26	0.12	14.4	120	60.8	4.36	7.8	0.1	0.01	0.29	10	1.72	745	0.6	-0.01	56	600	2	-0.01
VR83161A	2.76	-10	370	0.45	0.18	0.12	0.2	19.2	119	88.9	4.51	8.2	0.1	0.04	0.25	10	1.61	700	1.4	-0.01	77	790	6	0.04

Sample Number	Sb ppm	Sc ppm	Sr ppm	Te ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR83050A	0.6	1	13	0.05	0.05	0.1	0.95	57	0.2	84
VR83072A	0.5	4	18	0.05	0.03	0.14	1.15	53	0.25	82
VR83073A	0.5	4	18	0.05	0.03	0.14	1.2	52	0.2	82
VR83074A	0.6	3	18	-0.05	0.05	0.12	0.5	59	0.25	48
VR83152A	4.5	2	19	0.2	0.04	0.1	0.75	29	0.3	34
VR83153A	1.2	46	10	-0.05	-0.01	0.26	0.65	190	0.55	194
VR83154A	0.8	4	15	0.05	0.04	0.06	0.8	38	0.15	70
VR83155A	2.3	5	16	0.05	0.06	0.1	1.05	52	0.3	56
VR83156A	2.4	4	22	-0.05	0.07	0.24	1.3	48	0.25	74
VR83157A	1.1	10	18	-0.05	0.04	0.12	0.4	68	0.15	86
VR83158A	1.1	11	19	-0.05	0.04	0.12	0.4	72	0.15	90
VR83159A	1	6	17	-0.05	0.06	0.16	1.1	57	0.3	72
VR83160A	1.5	11	16	-0.05	0.1	0.16	0.7	91	0.2	92
VR83161A	0.7	9	14	0.05	0.08	0.2	1.2	112	0.25	100

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	Certificate	Au ppb	As ppm	Ag ppm
VR83162A	Sixty Mile	SL	RD	19990616	GOOD	GOOD SAMPLE TAKEN IN BULL WHITE QUARTZ VEIN FLOAT.	7	502670	7102966	NAD 27	A9920800	9	213	0.2
						GOOD B - C HORIZON SAMPLE.								
VR83163A	Sixty Mile	SL	RD	19990616	GOOD	CONTAINS QUARTZITE, SHALE, AND GRAPHITIC QUARTZITE PEBBLES.	7	502790	7103138	NAD 27	A9920800	6	41.8	0.24
VR83164A	Sixty Mile	SL	RD	19990616	GOOD	GOOD QUALITY B - C HORIZON SAMPLE. DUPLICATE SAMPLE.	7	502771	7103279	NAD 27	A9920800	8	15.8	0.46
VR83165A	Sixty Mile	SL	RD	19990616	GOOD	GOOD QUALITY B - C HORIZON SAMPLE.	7	502771	7103279	NAD 27	A9920800	6	16.6	0.46
VR83166A	Sixty Mile	SL	RD	19990616	GOOD	GOOD QUALITY B HORIZON SAMPLE.	7	502807	7103461	NAD 27	A9920800	6	9.2	0.54
VR83167A	Sixty Mile	SL	RD	19990616	GOOD	GOOD B HORIZON SAMPLE.	7	502798	7103654	NAD 27	A9920800	25	76.8	0.34
VR83168A	Sixty Mile	SL	RD	19990616	MOD	FAIR QUALITY B HORIZON SAMPLE. ASH/LOESS CONTAMINATION.	7	502659	7103797	NAD 27	A9920800	6	13.2	0.66
VR83169A	Sixty Mile	SL	RD	19990616	GOOD	GOOD QUALITY B HORIZON SAMPLE.	7	502580	7103864	NAD 27	A9920800	14	34.6	0.52
VR83170A	Sixty Mile	SL	RD	19990616	GOOD	GOOD QUALITY B HORIZON SAMPLE.	7	502398	7103928	NAD 27	A9920800	6	10.6	0.42

Sample		B	Ba	Be	Bi		CD	Co	Cr	Cu		Ga	Ge	Hg		La		Mn	Mo		Ni	P	Pb	
Number	Al %	ppm	ppm	ppm	ppm	Ca %	ppm	ppm	ppm	ppm	Fe %	ppm	ppm	ppm	K %	ppm	Mg %	ppm	ppm	Na %	ppm	ppm	ppm	S %
VR83162A	1.36	-10	60	0.35	0.19	0.04	0.1	34.6	552	20.2	2.07	2.4	-0.1	0.04	-0.01	-10	1.36	710	0.2	-0.01	412	300	12	0.01
VR83163A	1.44	-10	140	0.35	0.22	0.1	0.34	11.4	33	67.7	3.51	3.3	0.1	0.04	0.06	30	0.29	525	2.4	0.01	39	780	16	0.01
VR83164A	2.1	-10	130	0.45	0.27	0.22	0.36	24.8	284	111	4.46	5.3	0.1	0.03	0.06	10	1.38	775	1.4	-0.01	167	610	8	-0.01
VR83165A	2.01	-10	130	0.4	0.27	0.22	0.36	24.4	279	113.5	4.35	5.2	0.1	0.03	0.05	20	1.37	795	1.6	-0.01	169	640	8	-0.01
VR83166A	1.36	-10	110	0.45	0.21	0.21	0.8	13	47	64.1	3.93	3.8	0.1	0.04	0.05	20	0.49	655	3.4	0.01	61	1000	14	0.01
VR83167A	2.35	-10	110	0.5	0.28	0.2	0.76	19.4	70	61.5	4	5.5	0.1	0.06	0.05	30	0.84	895	3	-0.01	64	1040	6	0.01
VR83168A	2.8	-10	170	0.5	0.24	0.13	0.36	12.8	72	69.1	3.75	6.6	0.1	0.07	0.09	30	1	350	2.2	-0.01	39	750	8	0.04
VR83169A	1.16	-10	140	0.3	0.24	0.07	0.34	7	27	46.8	3.15	3.2	-0.1	0.04	0.05	10	0.23	180	2.6	0.01	28	630	8	0.01
VR83170A	2.18	-10	130	0.55	0.23	0.1	0.24	11.2	38	53.5	3.66	4.4	-0.1	0.1	0.06	10	0.35	265	1.6	0.01	35	730	4	0.03

Sample Number	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR83162A	0.8	8	3	0.05	0.01	0.42	0.2	33	-0.05	22
VR83163A	0.4	3	21	0.05	0.03	0.08	2.4	42	0.2	122
VR83164A	3.9	10	19	0.1	0.03	0.08	0.9	63	0.15	124
VR83165A	4.1	9	17	0.05	0.03	0.08	0.95	60	0.2	120
VR83166A	0.9	4	16	0.05	0.03	0.08	1.65	47	0.25	194
VR83167A	0.8	3	13	0.05	0.04	0.1	1.4	53	0.25	140
VR83168A	1.8	5	15	0.05	0.05	0.14	2.6	62	0.25	110
VR83169A	0.9	4	32	0.05	0.04	0.12	1.75	42	0.2	98
VR83170A	0.6	4	10	0.05	0.05	0.12	1.65	49	0.2	96