REPORT ON THE 1999 GEOLOGICAL GEOCHEMICAL AND GEOPHYSICAL WORK ON THE SIXTY MILE PROJECT

VOLUME I (TEXT)

REPORT No.: 99-SIXTY-RPT

Claim Name:	Grant No's.
Sixty 1 - 143	YC12289 - 12431
Sixty 144 - 257	YC13419 - 13532
Bud 1 – 24	YC07222 – 07245
Cici 1 – 34	YB67512 – 67545
Cici 35 – 47	YC07248 – 07260
Creek 1 – 2	YC04560 – 04561
Creek 3 – 26	YC03738 – 03761
Creek 27 – 30	YC05296 – 05299
Creek 31- 38	YC07263 – 07270
Mary 1 – 8	YA47921 – 47928
Mary 9 – 16	YA47937 – 47944
Mary 17 – 24	YA47929 – 47936
Mary 25 – 30	YA55095 – 55100
Mary No. 1	Y90228
WY 1 – 3	YA64267 – 64269
Uni 1- 13	YB67499 – 67511
Uni 14 – 17	YB88049 – 88052
Uni 18 – 40	YB88681 – 88703
Uni 41	YC04559
Uni 42 – 53	YC07371 - 07382
Creek 31-38	YC07263-YC07270
Uni 42-53	YC07371-YC07382

094055

DAWSON MINING DISTRICT, YUKON TERRITORY
NTS 116C/2 & 115N/2

Latitude 64° 01'
Longitude 140° 51'

Work conducted:
July 15, 1998 –September 1st, 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. and Rick Zuran, B.Sc.

December 17, 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 $ 168,575.00.

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

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079055

SUMMARY

The Sixty Mile gold property in west-central Yukon covers an area of approximately 94km² and comprises 454 two-post claims which are owned or held under option by Kennecott Canada Exploration Inc. The land package was assembled by Kennecott following reconnaissance work in 1998 which identified coincident soil gold and arsenic anomalies on open ground within the Sixty Mile placer gold camp.

Total recorded gold production from the Sixty Mile district for the years 1892-1917 and 1978-1997 is ~336,000oz. There are no production records for the intervening years. The richest gravels in the district were in lower Miller Creek and these contributed approximately 70,000oz of production. Kennecott's principal gold target in the Sixty Mile district is located on the south side of lower Miller Creek and accounts well for the distribution of the auriferous gravels.

Outcrop in the Sixty Mile district is dominated by metamorphic tectonites of the Yukon Tanana Terrane. These rocks are stitched by rare stocks of weakly foliated Early Jurassic granite and by subvolcanic intrusions related to the Late Cretaceous Carmacks Volcanics. No intrusions of Early or Middle Cretaceous age are known in the district.

The Carmacks Volcanics unconformably overlie Yukon Tanana rocks and form erosional outliers to the west of the Sixty Mile River valley. Extensive outcrop of the volcanics within the river valley indicate Late Cretaceous or younger subsidence along a major fault zone, the Sixty Mile Lineament, which strikes southwesterly towards Tok in Alaska.

Work to date by Kennecott has included:

* Property-wide reconnaissance geochemical sampling and geological mapping
* 661m of excavator trenching
* A 640 line-km helicopter magnetic and radiometric survey.

Geochemical sampling defined a coherent 2km-diameter low order gold-arsenic soil anomaly on the south side of lower Miller Creek. Trenching at the accessible southern edge of this anomaly revealed low frequency easterly striking sheeted mesothermal quartz veins discordant to fabric in the metamorphic country rocks. Metaquartzite units preferentially host these veins and commonly contain disseminated arsenopyrite and pyrite. The best result from trench sampling was a 13m interval averaging 1.6g/t gold.

Mineralization in lower Miller Creek is very similar in style to that found in other metasediment-hosted granite-related porphyry gold systems. However, the lack of post-tectonic granitic intrusions at Miller Creek suggests that the magmatic hydrothermal system is largely buried. Additional work consisting of soil sampling and trenching is required to delineate and define the anomaly. Drilling is required to test this system at depth.

Additional work is also recommended to test other targets located on the property. The most significant of these is the Sixty Mile River valley where there is evidence of epithermal and distal 'porphyry style' mineralization hosted by Carmacks Group andesites.

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1.0 INTRODUCTION

This assessment report summarizes the geological and geochemical work carried out on the Sixty Mile property located in the Dawson Mining District, Yukon Territory. A total of 454 two post claims comprise the property and were assembled by Kennecott Canada Exploration Inc. in 1998 and 1999 by staking and claim options. The Sixty Mile area was targeted as part of Kennecott's Yukon-Alaska gold exploration program, searching for intrusive related bulk tonnage gold deposits.

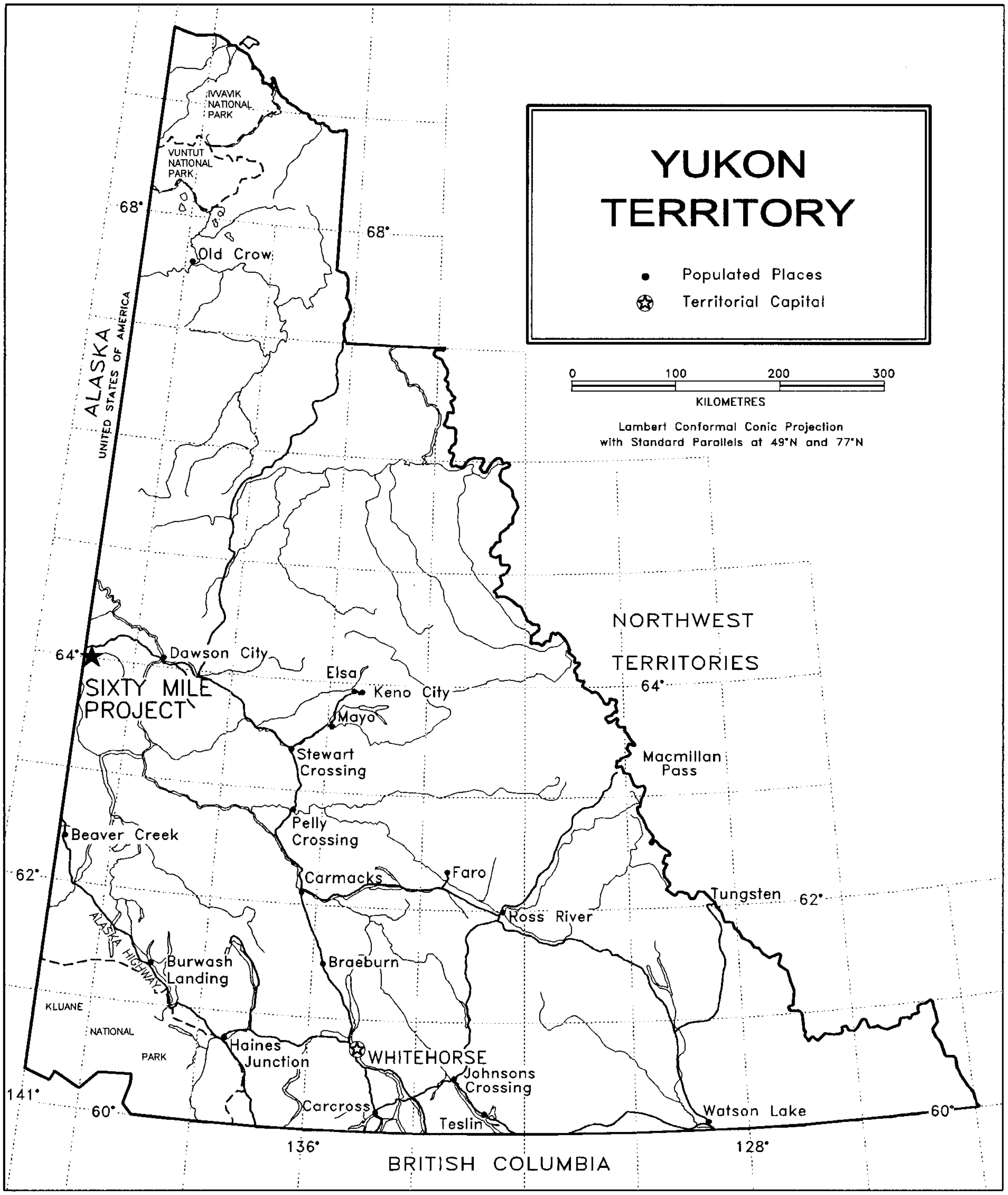
The information contained in the report is based on research and fieldwork conducted by in 1998 and 1999 by Kennecott personnel and contractors and on referenced sources. The property was first visited by Kennecott in July 1998 and targeted the area drained by placer gold bearing creeks and arsenic stream sediment anomalies reported by the Geological Survey of Canada and in assessment reports. Initial 1998 work located a gold - arsenic anomaly in rock, soil and stream sediment samples. Following claim staking (Sixty 1-144 claims), a gravity survey was completed in November 1998.

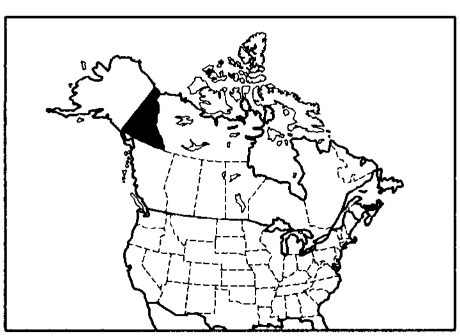
In early 1999 the Bud, Mary and WY claims were optioned along with claims held by Madrona Mining Limited (Uni, Creek and Cici) in June 1999. Kennecott's fieldwork consisted of reconnaissance prospecting, geological mapping, and rock, soil and stream geochemistry. An excavator-trenching program, 6 trenches totaling 661 linear metres, was completed over the Miller Creek soil anomaly in late July. High-Sense Geophysics Limited flew a 640 line-km helicopter airborne magnetic and radiometric survey in early August. All fieldwork was completed by September 1st, 1999.

1.1 Location and Access

The Sixty Mile property is located in the Sixtymile placer district and covers all or part of the southeast flowing Miller, Glacier and Little Gold Creeks and the portion of the Sixty Mile River located between Miller and Little Gold Creeks. The property abuts the USA (Alaska) border on the west side and is located on map sheets NTS 116C/02 and 115N/15 (Figure 1).

The property is located approximately 75km due west of Dawson. Access to the project area is via the posted Sixtymile Road that turns south off the Top of the World Highway (Hwy 11) approximately at kilometer 87. Another road near the USA-Canada border turns south, also accesses the headwaters of Miller, Glacier Creeks and the west flowing Poker and Walker Fork Creeks. Together these roads allow the bulk of the claims to be reached by foot traverses. Only the southwest corner of the property requires the use of a helicopter.





Kennecott Canada Exploration Inc.
Vancouver

SIXTY MILE PROJECT
LOCATION MAP

YUKON, CANADA

NTS: 115 N15, 116 C2	Projection: LCC	Drawn by: GDS
Date: 03/12/99	Author: RH	Figure 1
File: SIXTY_LOC	Scale: 1:6,000,000	

The roads are generally usable by 2WD truck from early June to late September. The Top of the World Highway is not maintained during winter months.

Daily plane and bus service can be gained in Dawson City from Whitehorse where daily jet airplane service is available to Vancouver, British Columbia.

1.2 Topography, Vegetation and Climate

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 2,100 feet in the Sixtymile valley to 4,711 feet atop the Poker Creek/Miller Creek divide. Patches of permafrost can be found throughout the property, especially on north and west facing slopes.

Rock outcrop is restricted to ridges, small cliffs and creek bottoms along with road and trench cuts. Outcrop exposure represents approximately 10 percent of the property. Soils consist of talus fines and colluvium. More details on the surficial geology are given in section 3.1 'Surficial Geology'.

Vegetation in the valley bottoms consists of alder, dwarf birch, balsam fir, white and black spruce. Ground cover in areas of thin tree cover consists of alpine plants, 'buckbrush' (alder), dwarf willow and moss. Treeline is at approximately 4,000 feet. Vegetation is generally more abundant on east and south facing slopes.

Climate is characterized by low precipitation and a wide temperature range. Winters are cold and temperatures of –30°C to –45°C are common. Summers are moderately cool with daily highs of 10°C to 25°C. Thunders showers are a common occurrence. Smoke from forest fires can be thick during the summer as it was on certain days during the summer of 1999. The seasonal window for prospecting is from June to mid September.

1.3 History

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 recorded 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 attributed 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 the Miller galena occurrence in 1896 (Yukon Minfile, 1997). This galena occurrence is located in the headwaters of the Miller Creek drainage.

Some 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 studies the paragenesis and characterization of mineralization found in the area.

The following is a summary from Yukon Minfile (1997), in chronological order, of significant work and events carried out on the property since 1892.

1892: Placer gold discovered in the Sixty Mile River area by C. Miller.

1896: Claims staked over the Miller galena occurrence located near the headwaters of Miller Creek.

Early 1900's: Placer miners found coal in Tertiary sediments located north of the property

1915-1916: North American Trading and Transportation Co. dredged near the mouth of Miller Creek.

1920: (or prior), placer miners find galena, sphalerite and arsenopyrite veining discovered in Sixty Mile valley (Per showing –Yukon Minfile occurrence).

1929-1941: The dredge was refurbished by the Holbrook Dredging Co. which mined in the Sixty Mile Valley.

1947-1959: A new dredge was constructed by Yukon Exploration and Yukon Placer Mining Co. which mined the lower reaches of Glacier and Big Gold Creeks and part of Sixty Mile River.

1953: First claims staked in WY Gulch to cover possible source of cinnibar veinlet fragments found in placer concentrates, hand trenching done.

1965: Per occurrence in Sixty Mile Valley, near mouth of Miller Creek, trenched and tested by 2 short drill holes. Northern Exploration Limited trenched by bulldozer in WY gulch area.

1970: Dawson range Joint Venture staked and explored upper Poker Creek following the release of anomalous stream geochemical results by the Alaska Department on Natural Resources.

1974: W. Yaremico staked first of Mary claims.

1975-1977: W. Yaremico trenched in WY Gulch.

1980: Jon Millhouse staked first of Vance claims.

1981: W. Yaremico staked WY claims. Fred Chudy (Chumar Placers Ltd., later Klondike sand and Gravel Co. Ltd. and Klondike Underground Mining Ltd.) commenced underground placer operations on Miller Creek (upper adit). Lower adit completed later and U/G mining ended 1990.

1982: Territorial Gold Placers Limited trenched in WY Gulch. Homestake Mines Ltd. staked ridge (Glac claims) between Miller and Glacier Creeks. Claims staked by placer miners at head of Glacier Creek (Fluorite vein occurrence?).

1983: Homestake mapped and sampled Glac claims.

1984: Jon Millhouse trenched Vance claims. Noranda staked LGC claims, several small blocks covering portions of current property.

1985: Erwin Kreft restaked Per showing and area. Jon Millhouse trenched Vance claims. Noranda soil, stream sediment and rock sampled their claims.

1986: Erwin Kreft trenched Per showing and area, Esso Minerals Canada Limited tied onto Erwin Kreft ground in Sixty Mile Valley.

1987: Esso mapped and sampled, Erwin Kreft trenched.

1988: Erwin Kreft optioned ground (Per showing) to Klondike Gold Mining Corp. Jon Bergvinson had the Rod and Ney claims staked north and south of Miller Creek, then did mapping, trenching and sampling. Dawson Eldorado Mines Ltd. staked Gla claims (west side of present property) and mapped and soil sampled in same year.

1989: Klondike Gold drilled 4 holes (192.0m) testing Per showing area. Homestake Mineral Development Co. Ltd. optioned Esso's ground, then mapped and sampled them.

1990: Sixtymile Placers Ltd. (G. Hakonson) auger drilled 205 holes from mouth of Big Gold Creek to 1.2km below Five Mile Creek.

1991: Sixty Mile Enterprises Limited (W. Yaremico) trenched Mary claims in Miller Creek. Jon Bergvinson built access road, trenched and diamond drilled two holes (410.7m) on Rod 32 and 34 claims.

In 1998 Mike McDougall (K-1 Mining and Services) staked the Bud claims and Teck Corp. staked the Glacier claims.

Madrona Mining Limited acquired the Cici, Uni and Creek claims from Yukon prospector Mr. John Peter Ross in 1996 (Marchand, 1997). Madrona contracted Aerodat Inc. to fly an airborne electromagnetic and magnetic survey over their property in 1996. In 1997, they carried out a soil geochemical survey (1700 samples) over the property. Portions of both these surveys are incorporated in this report.

1.4 1998-1999 Kennecott Work Program

The 1998 work targeted stream sediment gold and arsenic anomalies identified by previous workers (e.g. Keyser, 1989) and the Geological Survey of Canada's regional stream sediment geochemical survey (Hornbrook & Friske, 1986). Reconnaissance soil sample lines were completed west, north and south of Miller Creek. This work identified the Miller Creek soil anomaly located south of Miller Creek. A gravity survey, supervised by Kennecott geophysicist Andrew Cole, was contracted in November 1998 to Amerok Geosciences Ltd. of Whitehorse, Yukon to survey the Sixty Mile placer camp (see Appendix I for details).

Personnel in 1998 included Kennecott project Roger Hulstein, along with summer contract personnel: Farrell Andersen, geologist; Dave Selby, geologist; John Hoppe, geologist, Kennecott geophysicist Andrew Cole. Aurum Geological Consultants Inc. of Whitehorse, Yukon also provided field staff including, Al Doherty, geologist, Carmen Lee, geologist and Josh Bailey, assistant. Eric Finlayson, geologist, managed the overall program in 1998 and 1999 and edited portions of this report.

The 1999 program was essentially a continuation of the 1998 program. Fieldwork in 1999 focused on two main objectives, one was the Miller Creek soil anomaly, the other being reconnaissance work to evaluate the remainder of the property. Prior to the fieldwork all available information was compiled. A Class III Mining Land Use Permit (File No. LQ00010), effective until May 16, 2004, was received prior to fieldwork commencing.

A five-person crew mobilized to the property in early June 1999. Camp was established on Glacier Creek at the site of Mr. Mike McDougall's placer mining camp (K-1 Mining and Services). A room and board arrangement was also set up with Mr. Mike McDougall. It should be noted that a cool spring hindered work initially, especially soil and stream sediment sampling, due to frost in the ground and glaciated ice (up to 2m thick) in the creek beds.

Personnel in 1999 included Kennecott project geologist Roger Hulstein, along with summer contract personnel: Rick Zuran, geologist; Rob Duncan, geologist; Farrell Andersen, geologist and Louise Levesque, assistant. Kennecott geologist Kevin Wallis was also on site for two weeks in June.

Claim staking for Kennecott in 1998 (Sixty 1- 143 claims) and 1999 (Sixty 144-257) was carried out by Coureur Des Bois Ltee – Ltd. of Whitehorse, Yukon.

Trenching (Trenches TR99-1 to 6) was contracted to F&K Hawker (local placer mining company) who provided a Hitachi EX300 excavator and necessary support. Two small test pits were also dug in the Sixty Mile river valley by K-1 Mining and Services using a Hitachi UH09-7 excavator on contract to Kennecott.

High-Sense Limited of Toronto, Ontario was contracted to fly a 640 line-km helicopter magnetic and radiometric survey on August 2-8, 1999.

Fieldwork consisted of prospecting, reconnaissance geological mapping, stream sediment silt sampling, rock and soil sampling. The goal was to cover the property with widespread soil sample, geological mapping, and prospecting traverses. Soil lines, with sample spacing 100m to 200m, were completed on ridges, contours, and along roads. Mineralized and/or altered rocks were sampled where encountered; also, creeks draining the property were sampled.

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 (approximate +/- 30m accuracy). Samples were shipped to Chemex Labs Ltd. for analysis in Vancouver, B.C.

1.5 Claim Status

The Sixty Mile gold property covers an area of approximately 94km^2 and comprises 454 unsurveyed, contiguous, two-post claims which are owned or held under option by Kennecott (Figure 2). The claims were staked according to the Yukon Quartz Mining Act and are located in the Dawson Mining District. They can be seen on claim sheets 115N-15 and 116C-2. The claims listed below (Table 1) are registered in the name of Kennecott Canada Exploration Inc. In early 1999 the Bud claims were optioned by Kennecott from Mr. Mike McDougall and the WY and Mary claims were optioned from Mr. Walter Yaremico. The Uni, Creek and Cici claims were optioned from Madrona Mining Limited in June 1999. The claim expiry dates are listed in Appendix G.

Table 1. List of Claims

Claim Name	Grant Number
Sixty 1 – 143	YC12289 - 431
Sixty 144 – 257	YC13419 - 13532
Bud 1 – 24	YC07222 – 07245
Cici 1 – 34	YB67512 – 67545
Cici 35 – 47	YC07248 – 07260
Creek 1 – 2	YC04560 – 04561
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Uni 14 – 17	YB88049 – 88052
Uni 18 – 40	YB88681 – 88703
Uni 41	YC04559
Uni 42 – 53	YC07371 - 07382

Property boundaries were established for most of the claims groups in the area. A 'rough' survey map (not included with this report) was made using the Garmin XL12 GPS receiver for control (+/-30m accuracy). It was found that most claims are located approximately where they plotted on the claim sheets with the exception of the Vance claims which are actually located between the Kurt and Jay claims (located incorrectly on Figure 2). The northern boundary of the Key claims are located a little further east than shown on Figure 2.

2.0 REGIONAL GEOLOGY

The first geological investigation of the Sixty Mile River area was by J. E Spurr in 1896-97 (Spurr and Goodrich, 1898), followed by Cockfield in 1917 (Cockfield, 1921). More recently the area was mapped at 1:250,000 scale by Tempelman-Kluit in 1970-1972 (Tempelman-Kluit, 1973) and Green in 1961 (Green,1972). A geological legend for the Sixty Mile area is presented in Table 2 and the regional geology is shown on Figure 3.

The property lies between the Tintina and Denali Faults within the Ominica Belt (Wheeler, J.O. and McFeely, P., 1991). The area is underlain by two distinct lithotectonic (pre-accretion) assemblages: 1) a medium to high grade, polydeformed metasedimentary and meta-igneous rocks of the Yukon-Tanana Terrane (YTT); and 2), deformed and metamorphosed rocks of the Slide Mountain Terrane (Mortenson, 1996). Both are mainly Paleozoic in age and were juxtaposed by regional scale thrust faults in early Mesozoic time, a period of terrane accretion that affected much of the northern Cordillera.

Locally, the YTT consists of two main assemblages of supracrustal rocks, the Late Devonian (?) to mid-Mississippian Nasina assemblage and the mid-Permian Klondike Schist assemblage (Mortenson, 1996) and three distinct suites of metaplutonic rocks. The Nasina consists of metamorphosed psammites, mainly quartz-muscovite-chlorite schist and quartzite, +/- carbonaceous material, interlayered mafic schist and amphibolite and volumetrically minor amounts of marble, conglomerate and felsic schist. The Klondike Schist assemblage is comprised mainly of a variety of felsic schists interlayered with non-carbonaceous fine grained micaceous quartzite and quartz-feldspar-muscovite-biotite (+/- chlorite) schist. Local layers of chlorite schist, metagabbro, rare bands of marble and carbonaceous quartz-muscovite schist are found within the felsic schists.

The Klondike placer camp (approximately 12,000,000 million ounces of placer gold produced) is underlain predominantly by units of the Klondike Schist assemblage.

According to Mortenson (1996) three distinct suites of metaplutonic rocks found within the YTT are:

1) Devonian – Mississippian feldspar and quartz-feldspar augen schist interpreted to be meta-porphyry sills and/or transposed dykes
2) Early Mississippian granitic orthogneiss, e.g. the Fiftymile batholith.
3) mid-Permian quartz monzonite gneiss and quartz (+/-feldspar) augen schist (Sulphur Creek orthogneiss).

Rocks of the Paleozoic Slide Mountain Terrane include massive greenstone and a variety of altered ultramafic rocks. The ultramafic rocks commonly denote thrust

TABLE 2. LITHOLOGY LEGEND

PALEOCENE – EOCENE	
eTst	Grey, dark grey to steel blue grey cross bedded siltstone (SLS); light greyish, well bedded grit and sandstone (SST). Local plant fossils noted. Ash tuff (?) (TUF), olivine basalt (?) also noted.

CARMACKS GROUP

LATE CRETACEOUS	
lKcsl	Greenish grey calcareous tremolite–actinolite skarn like or calc–silicate rock.
lKvl	Greyish hypabyssal porphyritic latite/dacite (LAT). Medium to coarse phenocrysts of plagioclase, lesser ones of hornblende, minor ones of quartz, and apatite in a fine grained ground mass.
lKva	Grey to brownish rusty and purplish grey porphyritic andesite and rare dacite (?); (AND, DAC). Medium coarse grained phenocrysts of plagioclase with lesser hornblende/augite and rare quartz.
lKst	White to light grey, subrounded to rounded, quartz pebble conglomerate.
lKgdr	Off white to greenish grey, fine to medium grained granodiorite (GRD), dominated by plagioclase with lesser quartz, much less abundant K–feldspar, biotite, and accessory pyrite and apatite.
EARLY JURASSIC	
eJg	Off white, fine to coarse grained, leucocratic, metamorphosed, locally foliated, quartz monzonite to granite (GRN) with minor biotite and muscovite. Includes abundant aplite and pegmatitic phases. Also named "alaskite" (ALK).

DAWSON / CLINTON CK. ASSEMBLAGE (SLIDE MTN. TERRAIN)

MIDDLE OR UPPER PALEOZOIC	
lPu	Tan and light rusty weathering carbonatized ultramafic rock (ULM) and talc muscovite phyllites and schists (TAL MUS PHY/SCH). Local fuchsite noted.

KLONDIKE SCHIST ASSEMBLAGE

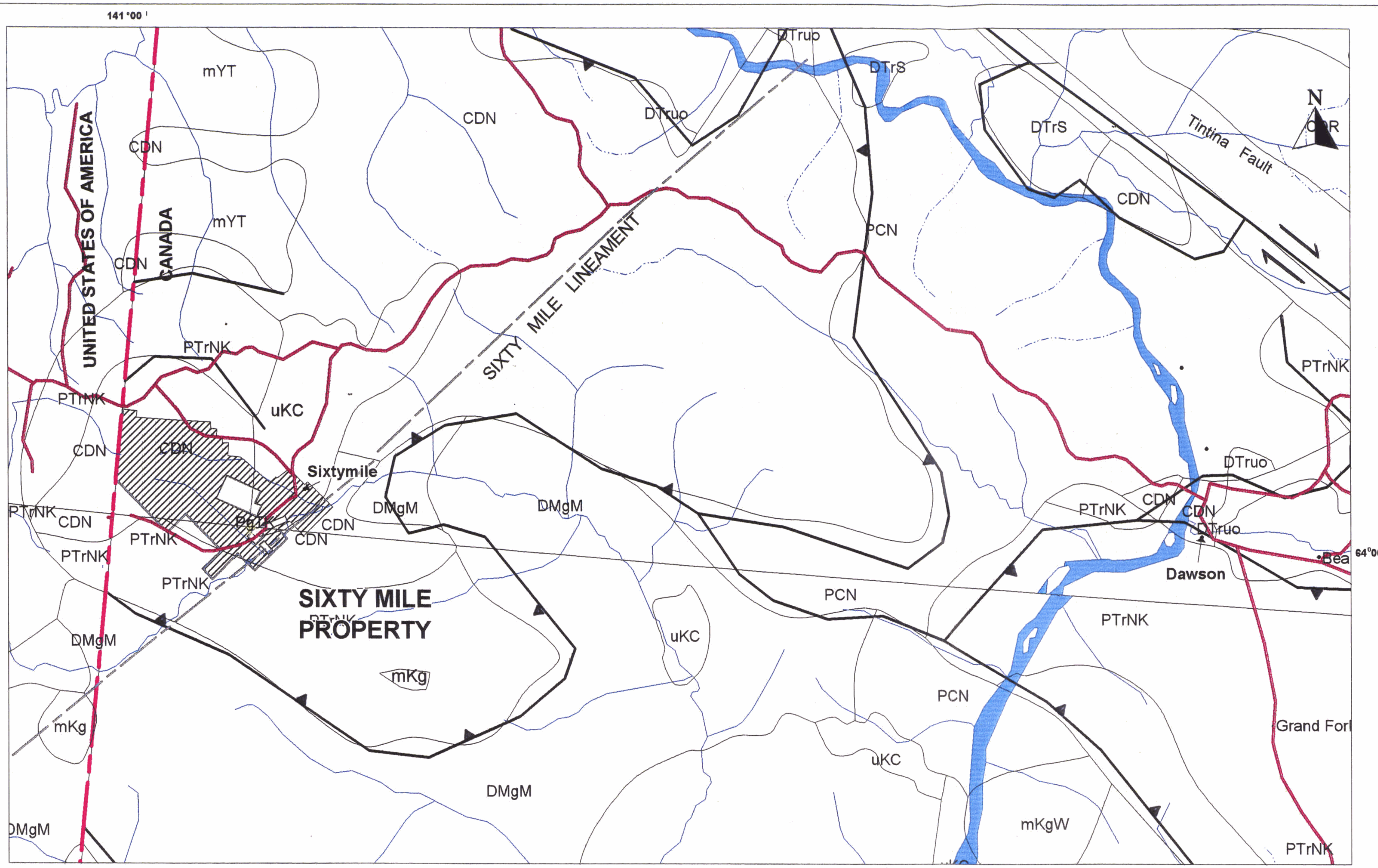
MIDDLE TO LATE PERMIAN	
Psqm	Grey to rusty weathering quartz muscovite schist (QTZ MUS SCH) and phyllite (PHY).

NASINA ASSEMBAGE

LATE (?) DEVONIAN TO EARLY MISSISSIPPIAN	
DMc	Grey to brown grey recrystallized limestone (LST) and marble (MRB).
DMsqm	Grey, pale green, to locally rusty weathering, fine grained, predominantly non–graphitic, muscovite (+/– chlorite) quartzite (MUS CHL QTE), quartz muscovite schist (QTZ MUS SCH) and phyllite (PHY).
DMsqc	Grey to dark grey, fine grained, predominantly graphitic, muscovite quartzite (GRA MUS QTE), quartz muscovite schist (QTZ MUS SCH) and phyllite (PHY).
DMasc	Medium to dark green chlorite +/– biotite schist (CHL BIO SCH). Magnetic meta–mafic volcanic rock.
DMs	Dark grey, medium to coarse grained mica schist. Micas include: muscovite +/– biotite +/– phlogopite +/– chlorite with local porphyroblastic textures.
DMgdg	Pinkish tan, medium grained, massive to strongly foliated, local augen textured dioritic to granodioritic gneiss (GNE).

Legend modified from J.K. Mortensen, 1996.
Kennecott rock codes in brackets.

GEOLOGY: RH,FA,RD,RZ.
FILE: LEGEND.DWG



LEGEND

Cretaceous

mKgW & mKg Hornblende-biotite granodiorite, diorite

Upper Cretaceous

uKC Carmacks Group; andsite volcanics & related hypabyssal intrusives and clastics, pebble conglomerate

Devonain - Triassic

DTruo, DTrS Slide Mountain Terrane; oceanic ultramafics, chert

Late Devonian - Mississippi

DMgM Fifty Mile Batholith; orthogneiss

Cambrian - Devonian

CDN Nasina Assemblage; graphitic quartzite, biotite muscovite schist, marble

Upper Proterozoic - Triassic

PTrNK Klondike Schist; metamorphosed pelite and volcanic rock assemblage

Upper Proterozoic - Paleozoic

mYT Yukon Tanana - Undifferentiated; phyllite/schist, gneiss (includes ultramafics)

Upper Proterozzoic - Late Cambrian

PCN Nisling Terrane; muscovite bioite schist, phyllite slate, quartzit

SYMBOLS

Road

Creek,river

Thrust fault, teeth on upper plate

Geological contact

Geology after: Wheeler and McFeely, 1991

KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

SIXTY PROPERTY

REGIONAL GEOLOGY

YUKON TERRITORY, CANADA

Date: Nov. 15, 1999	Author: RH	NTS: 115N&O and 116B&C
File: Sixty	Scale: 1:350000	Figure: 3

(and normal?) faults, are partially to wholly serpentinized and locally exhibit quartz-carbonate alteration. The worked out Clinton Creek asbestos deposit, located approximately 40km to the north of the property, is hosted by units of Slide Mountain Terrane.

Jurassic quartz monzonite bodies intrude the YTT and Mortenson (1996) noted that field relationships indicate that they intruded prior to both Early (?) Jurassic regional thrust imbrication and Early Cretaceous normal faulting.

Post accretion units uncomformably overly rocks of the YTT and Slide Mountain terrane. These units consist of a sequence of unmetamorphosed sedimentary and volcanic rocks of middle (?) and Late Cretaceous age (Mortenson, 1996). The lower part of the unit typically consists of sandstone and pebble to cobble conglomerate that is overlain by massive andestic flows and breccias that are correlated with the (68-76Ma) Carmacks Group.

Bodies of Late Cretaceous fine to medium grained, equigranular biotite-hornblende quartz monzonite and granodiorite are thought to be comagmatic with the Carmacks group volcanics.

Volumetrically minor amounts of Miocene aged quartz pebble conglomerate, sandstone, shale minor tuffs and olivine basalt are preserved in the Sixty Mile lineament – graben.

Units of the Nasina and Klondike Schist assemblage and the three associated orthogneiss units show the effects of penetrative ductile deformation and metamorphism at middle greenschist to lower amphibolite facies (Mortenson, 1996). Rocks of the Slide Mountain Terrane generally only display evidence of brittle shearing and open folding. Units of the Slide Mountain and Yukon Tanana terranes are juxtaposed along mainly shallowly to moderately dipping fault zones that are interpreted as thrust faults. Low angle normal faults are also interpreted between the Fiftymile Batholith and overlying rocks.

Middle and Late Cretaceous sedimentary and volcanic rocks are generally undeformed although they have been at least locally folded (Mortenson, 1996). The Tintina and Denali faults found to the northeast and southwest of the property respectfully, trend northwest and are major crustal-scale transcurrent dextral faults of Tertiary (?) age.

The Sixty Mile Lineament, a major northeast trending fault structure that extends to Tok, Alaska, underlies the Sixty Mile River valley and approximates the eastern property boundary. In the Sixty Mile placer district, the valley follows a graben structure that downdrops Cretaceous Carmacks Group rocks against Nasina and Klondike Schist Assemblage rocks. Other north to northeast trending fault structures are suspected to underlie prominent lineaments and form the contacts of the Carmacks Group volcanic rocks.

Adjacent claims in the Sixty Mile River valley, namely the Kurt, Dorthey, Jay and Vance, cover the Per galena-sphalerite-arsenopyrite-pyrite vein occurrence(s) and weak, or distal, porphyry style alteration and mineralization, mostly pyrite-carbonate altered andesites.

Significant mineralization can be found regionally near the property. Silver-gold-quartz bearing veins are found on the Mos property 5km to the southeast of the Sixty Mile property. These veins and others located even further east (~20km ESE of the property), along with magnetite skarns and weak porphyry copper style mineralization are related to Cretaceous (?) Carmacks (?) age granodiorite intrusions aligned in an approximate E-W direction.

Madrona Mining Limited acquired its ground in the Sixty Mile area for their potential to host volcanic massive sulphide deposits similar to those found in the Yukon Tanana Terrane in the Finlayson Lake area. Only minor showings of sphalerite and galena have been found within the Nasina assemblage in the Sixty Mile area.

3.0 PROPERTY GEOLOGY

3.1 Surficial Geology

The Sixty Mile property lies within the Klondike Plateau (Duk-Rodkin, 1996). Dendritic "V" shaped valleys dissect the plateau reflecting its largely unglaciated state. An exception is the Sixty Mile River valley which was glaciated prior to the last glaciation (Figure 4).

The surficial geology is best summarized by Hughes, et al, (1986) as follows.

> **Quaternary deposits of the Sixtymile river drainage basin include valley bottom alluvial plains and terraces, gulch alluvium, colluvial veneers and blankets, and scattered debris flows. The youngest Quaternary deposits include active colluvium, valley bottom gulch alluvium and the broad alluvial plain in the Sixtymile River valley. Older alluvial deposits include the higher terrace levels in the upper reaches of Miller and Glacier Creeks, the second terrace in the lower reaches of MillerCreek, and the broad terrace found on the north side of the Sixtymile River valley, both upstream and downstream from Miller Creek.**

Colluvium veneer (Cv) is the most common cover on the property, averages 1-2m thick while colluvium blanket material (Cb), averages >3m thick. Colluvium conforms to bedrock topography and is composed of diamicton, rubble, and organic-rich silt and sand derived from bedrock sources by a variety of slope processes.

Valleys are filled with alluvium and locally form terraces (At) up to 20m thick. The alluvium plain (Ap) in the Sixty Mile Valley averages only 5m – 8m thick and forms a uniform sheet across the valley.

3.2 Bedrock Geology

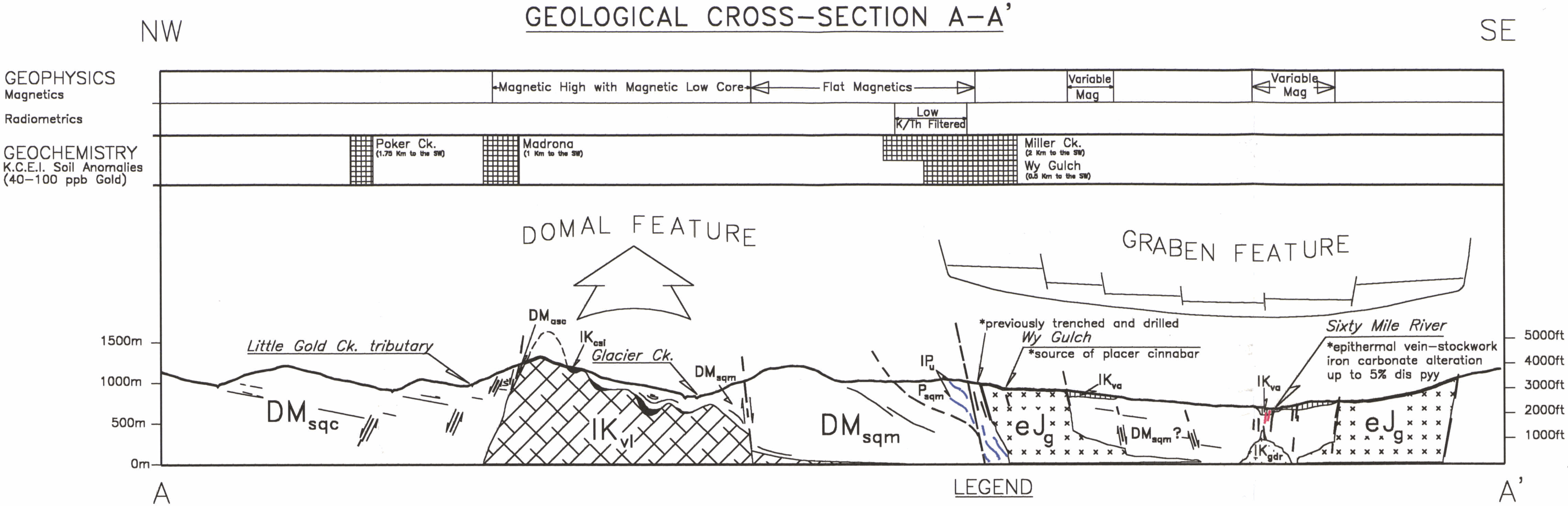
3.2.1 Lithology

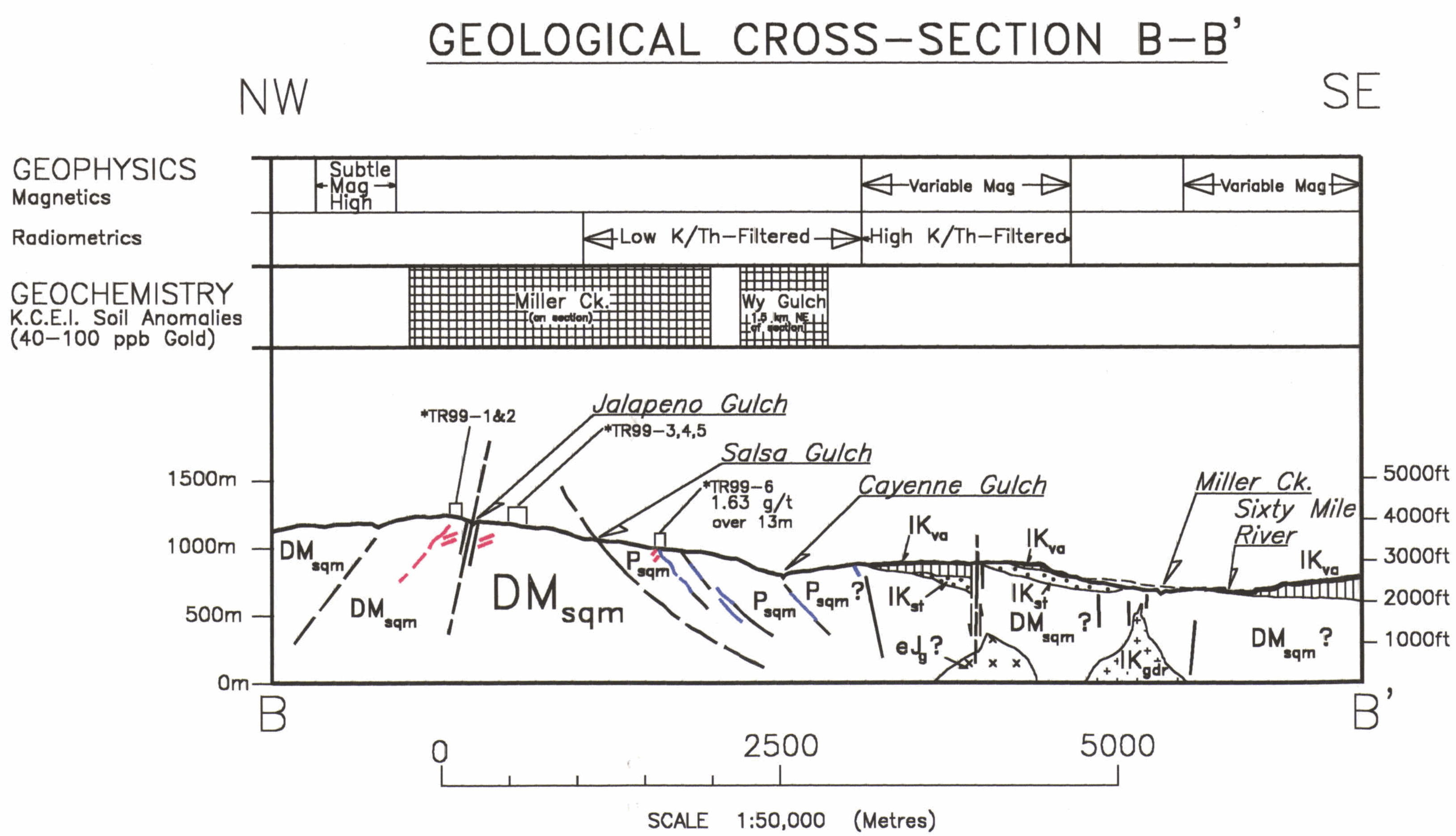
The Sixty Mile property is underlain largely by metasedimentary rocks of the Late (?) Devonian to Early Mississippian Nasina Assemblage; metasedimentary rocks of the Middle to Late Permian Klondike Schist Assemblage; ultramafic rocks of the Middle to Upper Paleozoic Dawson/Clinton Creek Assemblage (Slide Mtn. Terrane); Early Jurassic plutonic intrusives; volcanic, intrusive and calc-silicate rocks of the Late Cretaceous Carmacks Group; and young clastic sedimentary, mafic flows and tuffaceous (?) rocks of Paleocene to Eocene age (Figures 5 and 6).

Nasina and Klondike Assemblages underlie approximately 60% of the property; Carmacks Group predominantly volcanic rocks, 30%; intrusive, hypabyssal and miscellaneous units underlie less than 10% of the property.

Spatially, most of the Nasina and Klondike Assemblages lie in the west 2/3^{rds} of the property and most of the Carmacks and lesser younger volcanic rocks lie in the east 1/3rd part of the property. Plutonic intrusives of early Jurassic and late Cretaceous ages were mapped in the south central and south part of the property about WY Gulch and near or within the Sixty Mile Valley. No contacts with adjacent units were observed in outcrop. Higher level hypabyssal intrusive rocks of Carmacks Group were mapped with associated skarn like rocks and extrusive equivalent rocks in the northwest part of the property. A small component of the total mapping area, yet a significant rock type with regard to potential gold mineralization, are the numerous small lenses of Middle or Upper Paleozoic ultramafic rocks of the Slide Mtn. Terrain. These rocks lie in a northeast trending structural corridor within the Klondike Schist Assemblage separating: the predominantly Nasina Assemblage, lesser Carmacks Group hypabyssal intrusives and associated rocks to the west; from predominantly Carmacks Group volcanic extrusive rocks, lesser Nasina Assemblage, and plutonic intrusive rocks to the east.

The following summarises identifying mineralogical, weathering, and outcrop characteristics of the lithologies mapped on the Sixty Mile property. Refer to Table 2, for lithology descriptions.





LEGEND

PALEOCENE - EOCENE

	eTst	Siltstone, grit, sandstone, flows and tuffs.

CARMACKS GROUP
LATE CRETACEOUS

	IKcsi	Tremolite-actinolite skarn like or calc-silicate rock.
	IKvl	Hypabyssal porphyritic latite/dacite.
	IKva	Porphyritic andesite and rare dacite.
	IKst	Quartz pebble conglomerate.
	IKgdr	Granodiorite

EARLY JURASSIC

	eJg	Leucocratic granite

DAWSON / CLINTON CK. ASSEMBLAGE (SLIDE MTN. TERRAIN)
MIDDLE OR UPPER PALEOZOIC

	IPu	Ultramafic rock

KLONDIKE SCHIST ASSEMBLAGE
MIDDLE TO LATE PERMIAN

	Psqm	Quartz muscovite schist, phyllites.

NASINA ASSEMBAGE
LATE (?) DEVONIAN TO EARLY MISSISSIPPIAN

	DMc	Limestone, marble.
	DMsqm	Quartz muscovite (chlorite) schist, phyllites.
	DMsqc	Quartz muscovite (+/- graphite) schist, phyllites.

	DMasc	Chlorite +/- biotite schist.
	DMs	Coarse grained mica schist.
	DMgdg	Granodioritic gneiss.

Quartz vein; age unknown.

Kennecott Canada Exploration Inc.
Vancouver

SIXTY MILE PROJECT

GEOLOGY CROSS-SECTIONS

Yukon Territory, Canada

SCALE: 1:50,000	DRAFTING: R.Zuran		
FILE: A_SECTION.DWG	NTS:115 N/15 & 116 C/2	FIGURE: 6	

Metasedimentary Rocks

Metasedimentary rocks consist of, in decreasing abundance: muscovite (+/- chlorite) quartzite/schist and phyllite (DM_{sqm}); graphitic muscovite quartzite/schist and phyllite (DM_{sqc}); chlorite biotite schist (DM_s); gneiss (DM_{gdg}); and rare recyrstallized limestone and marbles (DM_c); all part of the Nasina Assemblage. The less abundant Klondike Schist Assemblage consists of quartz muscovite schists and phyllites.

The predominant muscovite quartzites and schists of the Nasina Assemblage (DM_{sqm}) are moderately to strongly foliated and weather into grey, locally brown and rusty brown, tabular to blocky resistant outcrops. These outcrops contain interfoliated undifferentiated shaly to tabular, grey to tan weathering recessive phyllite facies. A separate unit of muscovite quartzites and schists (DM_{sqc}) noted in the west part of the property contains variable amounts of graphite and weathers grey to dark grey. Aside from the graphite content the two units are difficult to tell apart and contacts are often arbitrary. These two units, aside from phyllitic facies and local high graphite content, are fine to medium grained, hard and brittle. No primary bedding is noted and local isoclinal, deformed folae were noted near larger faults.

Lithological units of lesser abundance in the Nasina Assemblage include: massive to foliated, blocky weathering, medium to dark green, magnetic (meta mafic volcanic rock) chlorite schist (DM_{asc}); strongly foliated, shaly-lenticular weathering, dark grey, locally calcareous, coarse grained mica (muscovite +/- biotite +/-phlogopite +/-chlorite) schist (DM_s); tabular to blocky weathering, pinkish, locally augen textured gneiss (DM_{gdg}); and finally a rare massive weathing, grey recrystallized limestone and marble (DM_c). The most abundant unit, chlorite schists (DM_{asc}), occur along a northeast trending thrust belt centered on Gord's Gulch separating quartzites/schists (DM_{sqm}) in the east from generally more graphitic facies of quartzite/schists (DM_{sqc}) to the west.

Recessive weathering mica schists (DM_s), located only in the southeast property corner in Sixty Mile Valley, contain numerous interfoliated undifferentiated sub-facies changes including orthogneisses, meta-gabbro, pegmatitic phases and cross cutting aplite veins. The schists themselves show local lenticular and deformed folae with locally remobilized calcite coatings along folae surfaces. They are distinguished from the other units in the assemblage by their darker colour, and coarse mica flakes. Dioritic to granodioritic gneiss (DM_{gdg}) is represented by less than half a dozen outcrops at the east end of Miller Creek in the south part of the property. Finally, an outcrop of recrystallized limestone and marble, lithology unit DM_c, was mapped within a distinctive airborne magnetic band, juxtaposed the chlorite schists (DM_{asc}) to the west. These limestones may be related to the skarn-like rocks (IK_{csi}) on strike with it three kilometres to the northeast.

Metasedimentary rocks of the Klondike Schist Assemblage include only one lithilogical unit; shaly, tan to light rusty recessively weathering quartz muscovite schists and phyllites (P_{sqm}). The unit lies in a 1.5 kilometre wide northeast trending band between Nasina rocks to the west and Carmacks volcanic rocks to the east. Numerous fault and shear structures lie within this band complicating the lithilogical make up. Rocks of the Nasina and Slide Mountain units have been locally spliced into this package. Good exposures of Klondike Schist Assemblage rocks were mapped in trench TR99-6 and in stream cuts on Miller Creek.

Ultramafic Rocks

Ultramafic rocks of the Slide Mountain Terrane comprise one mappable unit (lP_u). These rocks form local resistant, distinctive rusty brown to local green, irregular to lenticular weathering outcrops. Geological contacts are commonly lensoid to pod-like and fault bounded. Composition of these ultramafic rocks is often obscured by intense silica-carbonate alteration (listwanite), fracturing and brecciation associated with faulting. Local green fuchsite has been noted within these listwanite ultramafic rocks. Local magnetite was noted in ultramafic brecciated pods on Pepper Ridge.

The ultramafic rocks are often associated with tan to rusty weathering muscovite +/- talc schists and phyllites as noted in trench TR99-6. The distribution of the ultramafic rocks occurs along a northeast trend within faulted and sheared schists and phyllites of the Klondike Schist Assemblage. Rare, relatively unaltered coarse-grained pyroxenite (+/- muscovite alteration) float, source unknown, was found in Glacier and Miller Creeks.

Plutonic Intrusive Rocks

Two plutonic intrusive lithologies have been mapped on the Sixty Mile property: Early Jurassic leucocratic quartz monzonite, granites (eJ_g); and Late Cretaceous granodiorite of the Carmacks Group (lK_{gdr}).

Intrusive rocks of Early Jurassic age form off white, recessive, locally foliated, irregular weathering outcrops (eJ_g). Composition of these lithologies described as allotriomorphic-metamorphosed textured feldspar and quartz with minor biotite and muscovite. Aplite and pegmatite phases are noted locally. Most outcrops were mapped in old trenches found in WY Gulch and along road cuts south of the Sixty Mile River. A major northeast trending fault system lies near and along the west granite contact in WY Gulch. A northwest trending fault (?), interpreted from the 1999 High-Sense airborne geophysical survey, may have displaced the intrusive outcrops to the north of the fault. This unit was dated at 183+/- Ma (J.K. Mortensen, pers. comm.)

Late Cretaceous granodiorite (lK_{gdr}) was mapped as subcrop in two old placer test pits in the south part of the property in the Sixty Mile River valley. This lithology is grey and weathers into blocky angular fragments. Modal composition comprises fine to medium grained allotriomorphic plagioclase, quartz, K-feldspar, with minor biotite. Veinlets of K-feldspar with pyrite/pyrrhotite are common.

Hypabyssal Intrusive Rocks

Late Cretaceous (lK_{vl} – Carmacks Group) latite to dacite (?) form high relief, resistant, blocky, fresh grey weathering outcrops. Distinctive porphyritic texture comprises phenocrysts of: plagioclase, hornblende, and rare quartz eyes. Local increased quartz content may extend the composition into a dacite. The unit intrudes Nasina Assemblage rocks and Carmacks volcanic rocks (extrusive equivalent ?) in the northwest part of the map. This lithology is noted to be locally magnetic. No contacts in outcrop were noted.

Skarn-like Rocks

Late Cretaceous (lK_{csi} – Carmacks Group) calc-silicate rocks form irregular to foliated and lineated, green grey weathering outcrops. Composition consists of medium to coarse-grained tremolite-actinolite, pyroxene, and calcareous coatings. Rocks are locally very magnetic. Only two small, one to two metre size, outcrops were mapped on the south flank of the hypabyssal latite (lK_{vl}) in the northwest part of the property. No contacts in outcrop were noted. This calc-silicate unit may be a result of thermal metamorphism of the calcareous rich Nasina metasediments +/- recrystallized limestone/marble intruded by the hypabyssal latite. Recrystallized limestone/marble (DM_c) was mapped on strike 3.5km to the southwest.

Extrusive Rocks

Two mappable extrusive rock units are of note on the Sixty Mile property: Late Cretaceous, Carmacks Group andesites, and younger Paleocene-Eocene mafic flows and tuffaceous rocks.

Late Cretaceous (lK_{va} – Carmacks Group) volcanic rocks comprise: blocky to sub-blocky, grey, rusty brown and purplish weathering porphyritic andesite and rare dacite (?); massive irregular, rusty brown weathering, pyroclastic monolithic block flow porphyritic andesite; and irregular grey brown weathering andesitic crystal tuff (?). Mineralogy comprises medium to coarse-grained phenocrysts of plagioclase, lesser hornblende, in a fine-grained groundmass. Andesite blocks within the pyroclastic andesites are sub-angular and average 20cm across in size. The andesitic crystal tuff is very magnetic.

A wide distribution of andesite outcrops are found predominantly in the eastern third of the Sixty Mile property. A smaller body of andesites (+/- dacites ?) were mapped in the north juxtaposed and east of the hypabyssal latite (lK_{vl}). A string of locally rusty brown weathering pyroclastic block flow andesite outcrops were mapped along the road parallel to the Sixty Mile River valley between Glacier and Miller creeks. Andesitic crystal tuff was found in one area; these rocks were in highly fractured, magnetic outcrops on the knoll one kilometre southeast of the junction of Big Gold and Little Gold creeks. The rest of the outcrops mapped are predominantly porphyritic flow andesite volcanic rock. These rocks are generally massive, although weak columnar jointing, and possible trachytic flow bedded (?) andesites are located 1.5km to the northwest of the junction of Sixty Mile River and Miller Creek, and immediately east of the Poker Creek drainage basin, respectively. Altered and faulted flow andesites were sporadically mapped within active placer pits in the Sixty Mile River valley. Geological contacts with other units have not been observed in outcrop; nevertheless, the Carmacks volcanic rocks are interpreted as resting non-conformably over fluvial quartz-pebble conglomerate (lK_{st}), Nasina and/or Klondike Assemblages.

Younger Paleocene-Eocene black, mafic, irregular weathering basalt associated with breccias and layered sedimentary rocks, were mapped 1.5km northeast of the junction of Big Gold and Little Gold creeks. These extrusive flow rocks contain dark rounded olivine (?) phenocrysts. No contacts were observed in outcrop however they are interpreted to overly the Carmacks extrusive volcanic rocks. This unit was dated at 17.2+/- Ma (J.K. Mortensen, pers. comm.).

Sedimentary Rocks

Two mappable sedimentary units are of note on the Sixty Mile property: Late Cretaceous, Carmacks Group, quartz pebble conglomerate (lK_{st}); and a Paleocene-Eocene package of interbedded siltstones, grits and/or waterlain tuffaceous rocks (eT_{st}).

Late Cretaceous quartz pebble conglomerate form irregular, off white weathering outcrops. Pebbles consist of rounded to sub-rounded clasts of predominantly off white muscovite quartzite, white bull quartz, and lesser light coloured phyllites. Clast size range from sand size to 10cm across; average clast size was 2cm. Volcanic (namely andesite), and intrusive clasts were not observed. Best exposures of this unit occur along the northeast trending road between Miller and Bedrock creeks in the south part of the property. Due to the lack of volcanic and intrusive clasts and spatial relationship with the Carmacks Group volcanic rocks, the conglomerate is interpreted as underlying the shallow dipping Carmacks Group andesites.

Younger Paleocene-Eocene sedimentary rocks lie off the northeast end of the Sixty Mile property. These rocks are comprised of tabular to blocky, finely laminated, well bedded steel blue weathering siltstone; interbedded with, waterlain (?), light grey weathering, crystal ash tuffs and/or grits. There are local plant fossils, as well as cross bedding noted in the siltstones. These outcrops were mapped 1.5km from the junction of Big Gold and Little Gold creeks. This unit rests over a paleogeographic depression along a linear. The linear, may be part of a graben structure within the underlying Late Cretaceous Carmacks Group andesites.

3.2.2 Alteration

Alteration present on the Sixty Mile property is complex and not fully understood. Generally alteration includes: greenschist to amphibolite, hydrothermal and thermal metamorphism.

Greenschist to amphibolite metamorphism occurred prior to the Cretaceous and is restricted to the Nasina and Klondike Assemlages. Alteration is characterised by the presence of fine-grained muscovite, chlorite and quartz.

Alteration associated with hydrothermal activity is assumed to have taken place during Jurassic (?) and Cretaceous intrusive events. Hydrothermal alteration comprises two styles: silicification and/or carbonate-altered rocks. Mineralogy of silification is commonly manifested by sericite, bleaching, and silica flooding (quartz) in psammites, pelites at Pepper Ridge – Miller Ck. anomaly, Madrona anomaly, and locally in the Poker Creek drainage basin. Mineralogy of carbonate +/- silica altered areas include two rock packages: 1) andesitic volcanics in the Sixty Mile Valley; and 2), ultramafic pods within the Klondike Schists.

The andesites locally contain Ca-Mg-Fe carbonate minerals (calcite, ankerite, dolomite) +/- quartz and up to 5% coarse grained pyrite. Propylitic alteration (increased chlorite, rare epidote) is often coincident with the iron carbonate alteration. The ultramafic pods locally are bleached and altered to listwanites with Ca-Mg-Fe carbonate minerals (calcite, ankerite, dolomite) +/- silica and the bright green chromium mica, fuchsite. Hydrothermal mineralization typically occurs near structural features such as cross cutting faults (including thrust faults), fractures, joints, and foliation.

Thermal metamorphism and subsequent alteration is restricted to the calc-silicate rocks (lK_{csi}) south of the hypabyssal intrusion in the north part of the property. Minerals noted in this thermal alteration process are: actinolite, calcite and magnetite.

Other minor alteration includes argillic-altered andesite found locally in the Sixty Mile Valley and at the northwest end of Little Gold Creek; and talc rich phyllites due to locally altered utramafic rocks in the Klondike Schists.

3.2.3 Structure

Structure on the Sixty Mile property consists of five structural elements within four simplified structural domains. The domains include: predominantly northwest trending linears and faults in the west part of the property (Domain "A"); a domal structure in the northwest (Domain "B"); a central 4 km wide band containing north-northwest trending linears and faults (Domain "C"); and a graben structure in the east (Domain "D"). The spatial relationships and explanation of the structural elements are further explained in Table 3 below and are shown in Figure 7.

Table 3 STRUCTURE OF THE SIXTY MILE PROPERTY

DOMAINS	FEATURE	DEFORMATION (Predominant)	ROCK TYPES (Predominant)	STRUCTURAL ELEMENTS
A	NW trending faulting	BRITTLE	siliceous metasediments	NW
B	Domed up Area	BRITTLE+DUCTILE complex	BRITTLE isotropic hypabyssal intrusives, anisotropic siliceous metasediments, calc-silicates DUCTILE graphitic,chloritic schists.	Various Directions: NW, NE, & N
C	NNE trending faulting	DUCTILE edges BRITTLE centre	DUCTILE strongly foliated chlorite schists (west edge) BRITTLE "block" of quartzites (center of domain) DUCTILE foliated muscovite-(talc) schists/phylites (east edge)	NNE
D	Graben Structure	BRITTLE	volcanic rocks and plutonic intrusives, lesser siliceous metasediments	NE (offset by NE & E)

• Code to "STRUCTURAL ELEMENTS"

NE: northeast trending geophysical linears; normal block faulting related to a graben structure and the Sixty Mile Lineament (pre-Tintina fault ?)

NW: northwest trending geophysical linears; parallel structures to the Tintina faulting event- Early Tertiary

E: reidel structures (?) associated with Tintina faulting event ?

NNW: reactivated thrust faults (now reversed) by the Tintina event ?

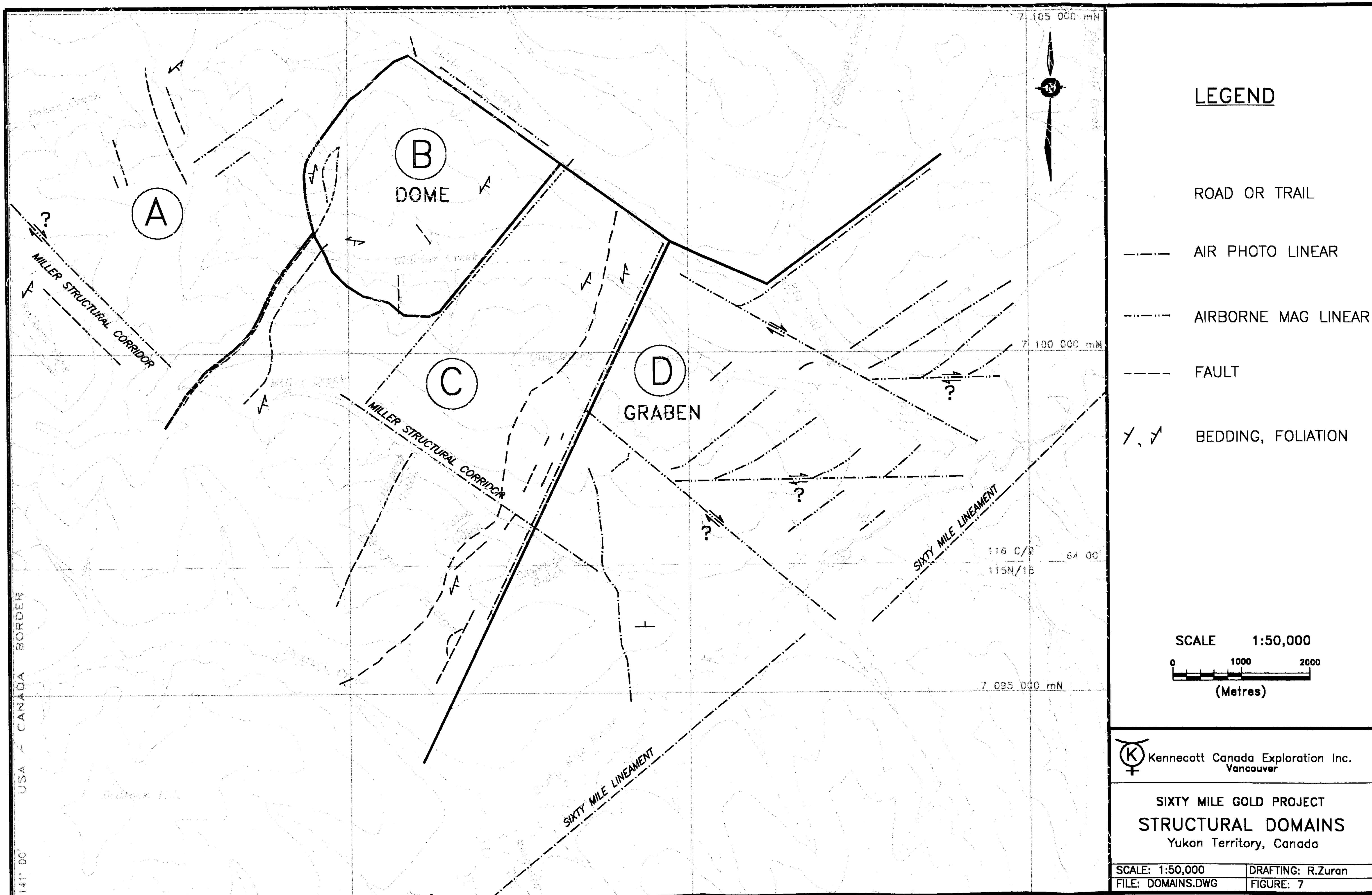
N: unknown; possibly a joint pattern or related to an intrusion event ?

The general attitude of lithologies within the four structural domains include: moderate southeast dipping foliation with local variations in Domains A and B; gentle to moderate southeast to east dipping foliation of the metasediment rocks in Domain C; and gently north (?) dipping volcanic rocks within Domain D.

As a general comment, because of poor outcrop exposure, the structure of the Nasina and Klondike Assembalges are poorly understood. Poly-deformed surfaces and isoclinal folding of foliation was noted in both. Original bedding structures were not observed in the field.

The prominent structural element in the Sixty Mile property is the Sixty Mile Lineament in the southeast part of the property within structural Domain D. This northeast trending structure forms a graben axis. Paralleling structures to the northwest of the Sixty Mile Lineament are interpreted to be a series of normal faults. These normal faults in turn have been displaced by Tintina related (?) northwest trending faults and associated Reidel (?) faults. The disjointed "Miller Structural Corridor" may be a more prominent Tintina related structure as it cuts through relatively more brittle siliceous metasedimentary rocks as compared to the volcanic package in Domain D.

Domain C is characterised by a myriad of sub-parallel, low to steep angle, east dipping, north-northeast trending fault system along its east edge within ductile schists and phyllites. This fault system has entrained pods of brittly altered pods of utramafic rocks from the Slide Mountain Terrane. North-northeast trending


LEGEND
ROAD OR TRAIL
AIR PHOTO LINEAR
AIRBORNE MAG LINEAR
FAULT
BEDDING, FOLIATION
SCALE 1:50,000
0 1000 2000
(Metres)
A
B
DOME
C
D
GRABEN
MILLER STRUCTURAL CORRIDOR
MILLER STRUCTURAL CORRIDOR
SIXTY MILE LINEAMENT
SIXTY MILE LINEAMENT
7 105 000 mN
7 100 000 mN
7 095 000 mN
116 C/2
115N/15
64 00'
USA – CANADA BORDER
141° 00'
Kennecott Canada Exploration Inc.
Vancouver
SIXTY MILE GOLD PROJECT
STRUCTURAL DOMAINS
Yukon Territory, Canada
SCALE: 1:50,000
DRAFTING: R.Zuran
FILE: DOMAINS.DWG
FIGURE: 7

chlorite schist and carbonaceous metasediments, form the west edge of Domain C. Between these ductile edges of Domain C is a central block of relatively brittle deformed quartzites dissected by the Miller Structural Corridor. This west edge of Domain C creates a low resistance point for the hypabyssal dome event in Domain B.

4.0 PROPERTY MINERALIZATION

Five types of hard rock mineralization are recognized on the Sixty Mile property. These five types include: three different vein types, skarn-like, and listwanite-type mineralization. There may be others as suggested below in this section; however, they are poorly understood.

Vein and skarn-like mineralization is believed to be related to Late Cretaceous intrusive events, little is known about the listwanite type of mineralization. Also, three Yukon Minfile occurrences, the Miller, Per, and Cedar (Yukon Minfile, 1997), were incorporated in the five types of mineralization.

Placer gold mineralization has been mined extensively in the Sixty Mile River valley, Miller, Glacier, Poker (US side), Little Gold, Bedrock creeks and many others outside the Sixty Mile property.

Hard rock mineralization types are summarized in Table 4 below.

TABLE 4		MINERALIZATION ON THE SIXTY MILE PROPERTY
TYPE	LEVEL *	CHARACTER / MINERALOGY
Vein A	High temperature, greater than 300 °C High salinity (18 wt% NaCl equivalent) Deep-seated fluids in metasedimentary rocks.	Two stage mesothermal system. First Stage: qtz +/- pyy; Second Stage: precious metal enrichment. Massive milky white qtz +/- tr, dis, fine to medium grained, euhedral to subhedral, ars +/- tr, dis pyy, with local second stage minerals including gal +/- sph. Local secondary yellow oxides rare.
Vein B-1	Low temperature, 150 °C Low Salinity (2 wt% NaCl equivalent) Shallow fuids in volcanic rocks.	Multi-stage, *low sulphide*, epithermal, open space textured, *gold-bearing*, quartz, late chalcedony, with minor pyy, +/- ars, +/- sph , +/- rare molybdenite, +/- rare flourite.
Vein B-2	Low temperature, 150 °C Low Salinity (2 wt% NaCl equivalent) Shallow fuids in volcanic rocks.	Multi-stage, *high sulphide*, epithermal, open space textured, *silver-bearing*, quartz, late chalcedony, ankerite, dolomite, calcite, with up to 5% pyy, +/- gal, +/- sph, +/- fine grain sulphides.
Skarn-Like	(no studies available)	Medium to coarse grained tremolite-actinolite, pyroxene (?) +/- fine grain interstitial calcite, +/- fine grain trace magnetite, +/- rare chalcopyrite.
Listwanite	(no studies available)	Bleached, rusty brown pods typically 1-2 metres across, with diffuse irregular quartz-Fe carbonate veinlets. Commonly fractured and brecciated. Local, subhedral fine grained magnetite, green fuchsite.

*vein type mineralization modified from U. Glasmacher and Friedrich, 1992.

Generally, for the related epithermal and mesothermal vein type mineralization, faulting exerts the most obvious control. Namely, the Miller Structural Corridor and structures related to the Sixty Mile Lineament, are mineralized. Also, the Klondike Schist Assemblage contains a north-northeast trending array of parallel faults and thrusts often riding along a myriad of small-scale ductile talc coated folae surfaces. These "slippery" surfaces have spliced in local deep seated brittle pods of mineralized listwanite. Skarn-like mineralization is restricted to an alteration halo around the late Cretaceous latite hypabyssal intrusives in the northwest part of the property.

The following paragraphs outline areas of documented mineralization described above. These areas include mineralized anomalies: Miller Creek, Walker Fork, Poker Creek, Madrona, Ferkel and other mineralization.

MILLER CREEK ANOMALY

The Miller Creek Anomaly covers a 1500m X 2000m area, between Jalapeno and Cayenne gulches, coincendent with a 40ppb-100ppb gold soil anomaly. The mineralization is classified as vein-type "A". The veins are hosted in brittle Nasina grey to rusty weathering quartzites, locally bleached and silicified to a light grey where quartz veins and/or veinlets are nearby. Minor liswanites are found between Salsa and Cayenne gulches, within tan weathering Klondike talc phyllites and muscovite schists. This area is located immediately south of the Miller Structural Corridor.

Six trenches excavated over the Miller Creek Anomaly (1999), exposed several mesothermal massive milky white quartz veins and veinlets ranging from 1 to 50cm wide containing up to 2% coarse grained arsenopyrite. Many veins juxtapose graphitic fault planes related to the north-northeast structure in Jalapeno Gulch. The best gold mineralization came from a 9 cm wide northwest trending, southwest steeply dipping, quartz vein with trace pyrite in a 13m wide altered zone of silicified and bleached quartzite wall rock. This wall rock contained 1-3% fine grained euhedral disseminated arsenopyrite with rare scorodite staining. Results from chip samples over this zone yielded 1.63g/t gold over 13.0m. The strike length of this zone has not been determined.

WALKER FORK ANOMALY

The Walker Fork Anomaly includes a 500m X 500m gold soil anomaly and the Walker Fork drainage basin located in the Miller Structural Corridor. Mineralization is labelled vein-type "B1" and is typified by vuggy chalcedonic quartz (+graphite) vein breccia float boulders sampled along a road 1000m north of the Walker Fork gold soil anomaly. Gold values were moderate from these float samples; best result: sample # VR42437A yielded 450ppb gold. Although gold in soil results in the anomaly reached 800ppb, suspect yellow oxide staining in nearby quartzite outcrops when sampled revealed no significant gold geochemistry results.

POKER CREEK ANOMALY

The Poker Creek Anomaly covers the Poker Creek drainage basin which includes a 500m X 1000m gold soil anomaly. Mineralization includes; vein-type A in the northeast part of the basin – coincident with the gold soil anomaly; vein-type B1 (?) collected as float in the northwest part of Poker Creek drainage; and possible VMS stratabound (?) alteration/ mineralization in a 5mX5m outcrop near the eastern fork of Poker Creek. Vein-type A mineralization comprises numerous predominantly east trending, steep south dipping, 3cm (avg. width) massive, milky white quartz veinlets containing trace fine grained disseminated pyrite, in locally silicified and/or graphitic Nasina grey to rusty weathering quartzites (# VR83226A yielded 105ppb Au). These quartzites form resistant weathering outcrops at the north-east rim of Poker Creek basin. Vein-type B1 mineralization comprises quartz vein breccia in silicified quartzite float with trace disseminated pyrite and kaolinite clay alteration (#VR83228A; rock grab – 270 ppb gold). VMS stratabound (?) alteration/mineralization is described as intense bleaching and quartz-pyrite-sericite alteration of muscovite-quartzite (#VR83252A; rock grab – 80 ppb gold). Float boulders of limonite-manganese oxide cemented breccia, found in Poker Creek, were anomalous in antimony (#VR84200A – 9.8 ppb antimony). A series of north-northwest faults possibly related to the Miller Structural Corridor cross the Poker Creek drainage basin.

MADRONA ANOMALY

The Madrona Anomaly, located in the northwest part of the property, includes a 400m X 500m area 40ppb-100ppb gold soil anomaly on a ridge top; and an area encompassing 2.5km along the ridge due east of the Madrona soil anomaly. Three types of mineralization were observed: Vein-type "A" within the soil anomaly; vein-type "B2" – 200m west of the saddle; and skarn-like mineralization east of the saddle.

Brittle Nasina grey weathering quartzites, locally bleached and silicified to a light grey with numerous quartz veinlets are found in outcrop at the top of a knoll within the soil anomaly. Graphitic quartzites associated with open spaced vein fault breccias were noted near the saddle. Skarn-like tremolite-actinolite +/- calcite +/- magnetite +/- rare chalcopyrite was observed in calc-silicate rocks. Best gold results came from a rock grab of the vein fault breccia; # VR80335A – 35ppb gold, 2.2ppm silver. Structurally the anomaly sits just outside the west edge of the "domal" feature discussed in section 3.2.2 "Structure". Graphitic fault planes in the area may be related to this feature.

FERKEL ANOMALY

The Ferkel Anomaly covers a small (100m X 100m) area centered on a 2mX2m old trench on the ridge (UTM 504843E, 7100360N) between Miller and Glacier creeks. Mineralization is classified as vein-type A. Small centimetre or less oxidized quartz veinlets strike east, dip shallowly south and crosscut decomposed, limonite-manganese oxide stained, locally boxwork textured, rusty weathering Nasina quartzite. Subhedral arsenopyrite grains are present in trace amounts. A rock grab sample of the above returned the highest gold results from a grab sample during the 1999 exploration program: #VR84016A – 2260 ppb gold.

OTHER MINERALIZATION

Other noted mineralization includes Yukon Minfile occurrences: Per, Cedar, and Miller; scattered listwanite pods within the Klondike Schist Assemblage, spot epthermal vein and porphyry-style (?) mineralization noted in placer pits along Sixty Mile Valley and an auriferous fluvial conglomerate.

The "Per" Yukon Minfile (1997) occurrence describes a northeast trending, 8cm to 60cm wide, galena-sphalerite-arsenopyrite vein with a strike length of 61m. Drilling on the Per, intersected mineralized andesite reported as 41.1g/t over 1.5m within a larger interval of 7.1g/t over 12m. The Cedar occurrence, as observed by Kennecott personnel, is a north-northeast trending, mesothermal +/- overprinted epithermal (?) textured, 8m wide vein-fault zone, in Glacier Creek valley (UTM – 504519m E, 7101450m N). Minerals include 2% disseminated pyrite as blebs in faulted, locally graphitic, schist and as euhedral fine disseminated cubes in massive and cockade-vuggy textured quartz with 1% fluorite (#VR84022 – 160ppb Au over 1.9m). The Miller occurrence, (UTM – 503800m E, 7099250m N) refers to "minor" amounts of galena and sphalerite in lensoid quartz veins cutting graphitic Nasina quartzites.

Liswanite pods are scattered throughout the Klondike Schist Assemblage. They vary in size from sub-meter to tens of metres in length. They are typically associated with faulting and are fractured and locally brecciated. Mineralization of trace amounts of pyrite, pyrrhotite, magnetite is found with associated silica-carbonate veining, silicification, bleaching and fuchsite. Gold soil anomalies in the WY gulch area is coincident with some of these listwanites pods, (Keyser, 1989).

Mineralization in the Sixty Mile valley is poorly understood due to alluvial cover and may conceal a large hydrothermal 'porphyry type' system. Mineralization includes up to 5% disseminated pyrite cubes in propylitic and argillic altered andesite associated with chalcedony, ankerite, dolomite, calcite veinlets +/- trace galena, sphalerite and molybdendite. Pyrite has also been found as veinlets and disseminations in subcroping granodiorite in placer test pits (UTM 509940 mE, 7095325 mN). The above mineralization may point to a porphyry system with associated epithermal and mesothermal vein systems.

The presence of a locally derived weakly auriferous fluvial conglomerate outcrops beneath Carmacks Volcanics at the mouth of Miller Creek. The conglomerate bears superficial resemblance to the White Channel Gravel of the Klondike district. It contains no volcanic rock fragments. Weakly auriferous epithermal quartz-carbonate veins which crosscut volcanics within the Sixty Mile river valley are clearly younger and related to Carmacks volcanism or to later fault activity.

5.0 GEOCHEMISTRY

Geochemical sample analysis was executed by Chemex Labs Ltd. of North Vancouver, B.C. All samples (rock, soil and stream sediment samples) were analyzed for gold using fire assay and atomic absorption techniques on a 30 gram sub-sample plus inductively coupled argon plasma (ICP) techniques for 32 additional elements. A more complete description of the sampling and analytical procedures is attached as Appendix B. Sample numbers and locations are shown on Figures 8 and 9. Geochemical results for gold are presented on Figure 10 and for arsenic on Figure 11. It should be noted that the soil and stream sediment samples analyzed in 1998 used a different analytical package ((ICP-AES) from the 1999 sample analysis (ICP-MS/ICP). Consequently, analytical detection limits vary between the two sample sets, e.g. 5ppb Au in 1998 vs. 1ppb Au in 1999. Details on the analytical techniques employed can be found in Appendix B.

As can be seen on Figure 11 the arsenic geochemistry displays the contrast between the mineralization associated with the Carmacks volcanics and that hosted by the metasedimentary rocks. This significant elemental signature is compelling evidence that there are at least two mineralizing events. Namely an older one hosted by the metasediments and a younger event associated with the Carmacks Group volcanics.

5.1 Rock Geochemistry

A total of 392 rock samples, including 99 samples collected from the trenches, were collected for geochemical analysis plus an additional 17 samples for whole rock analysis. Thirty-three of these (392) samples were collected in 1998. Rock sample descriptions and analytical results are presented in Appendix C. Rock outcrop and float were sampled where the presence of alteration, veining or mineralization was observed or suspected. Most rock samples were collected from roads, placer cuts and on ridge and creek traverses.

The highest gold value returned from the property (3360ppb Au and 34ppm As, sample VR84027A) was from a sample of cinnabar concentrate donated to Kennecott by Walter Yaremico from his placer workings downstream of WY Gulch. Three samples from Trench 99-6 returned between 1135ppb and 2190ppb Au and 1750ppm to 2380ppm As (samples VR84182, 184,185). A sample collected on the ridge between Miller and Glacier Creeks, from the Ferkel anomaly, returned 2260ppb Au and 55ppm As from a small zone of limonite vuggy quartz veins.

A grab sample of previously split core from the Per occurrence located off the property, collected from the Delia #4 diamond drill core intersection (7.1 g/t over 12m, Yukon Minfile, 1997), returned 7300ppb Au, 4.65ppb Bi and 155ppm As.

Anomalous bismuth values were returned from galena bearing samples (VR84017 and 18) at the headwaters of Glacier Creek (170ppm). Mineralized samples of andesite, +/- veining, collected in the Sixty Mile valley also returned anomalous bismuth values (up to 9.77ppm Bi). A single sample from trench 99-1 (VR84124A) returned an anomalous bismuth value of 4.89ppm. A sample in Miller Creek drainage (VR84068A) returned 6ppm bismuth along with 713ppm mercury.

Sample anomalous in mercury (rock, soil and and stream sediment) are clustered around WY Gulch, the placer cinnabar bearing drainage. The three highest mercury values (25ppm to 713ppm) were from rock samples collected in Miller Creek near the mouth of WY Gulch (samples VR37348A, 349A & VR84068A). The location lines up with the domain bounding structure suspected to lie in WY Gulch. Gold values for these samples ranged between 15ppb and 30ppb. The chip samples consisted of phyllites, schistose listwanite and a brecciated marble.

Although the analytical procedure employed only reports partial tungsten values (due to incomplete sample digestion) seven samples returned between 3.5ppm and 20.9ppm tungsten. Four of the samples (VR60254A, 84063, 84014, 84058) were collected from road cuts on the Miller Creek road, two from the Walker Fork anomaly (VR37350A, 351) and one (VR42460A) from a quartz vein float sample in Glacier Creek. The highest value (20.9ppm W), from the Miller Creek road, from a 5cm band of decomposed sulfides, also returned 9970ppm arsenic, 81ppm antimony and 28ppb gold. The remaining rocks samples consisted of jointed and fractured quartzite. The tungsten anomalies are structurally controlled and may reflect buried intrusives.

WHOLE ROCK GEOCHEMISTRY

A whole rock geochemical study (included in its entirety as Appendix J), consisting of 17 samples, was undertaken in the Sixty Mile area by the initiative of Rob Duncan. The objective was to determine the possible cogenetic relationships between, and the nature of hydrothermal alteration of, several Late Cretaceous andesite/dacite flows, a latite plug, diorites, weakly foliated leucocratic granites, a nearby mid-Cretaceous granodioritic stock, and possible intrusive equivalents in the Klondike District.

The conclusions reached by Rob Duncan include the following

1) The diverse examples of high level andesitic and dacitic plugs and andesite and dacite flows on the Sixty Mile property form a cogenetic suite of rocks.
2) A weakly foliated (Early Jurassic?) granite on the property is not cogenetic with any other igneous units supporting the possibility that there are two mineralizing systems on the property. An Early Jurassic intrusion related system may be responsible for the Miller Creek anomaly, and a Late Cretaceous system responsible for epithermal mineralization in the Sixty mile valley.
3) A mapped, but un-dated, mid Cretaceous intrusion to the southeast of the property has geochemical characteristics suggesting cogenesis with Late Cretaceous igneous units at Sixty Mile.
4) A Permian intrusion and Late Cretaceous intrusion from the Klondike district is not cogenetic with any igneous units from the Sixty Mile property.

5.2 Stream Sediment Geochemistry

A total of 49 stream sediment samples were collected (including the 23 in 1998) from creeks draining the Sixty Mile property to help focus exploration efforts. Stream sediment sample descriptions and analytical results are presented in Appendix E. Samples were sieved to –63 micon and analyzed for gold (30 gram FA/AA finish) with a 1ppb detection limit and a 32 element ultra trace ICP+ICP-MS package

The highest gold and arsenic values were from sample VR22380A (80ppb Au and 396ppm As) located in Cayenne Gulch. This creek drains the east side of the Miller Creek gold anomaly. The second highest gold value (sample VR85512A: 78ppb Au and 185ppb As) was from Glacier Creek. The remainder of anomalous samples (>90th percentile of samples collected) were from the Miller Creek anomaly, the heavily placer mined Glacier Creek and Walker Fork.

Stream sediment geochemistry identified the Miller Creek anomaly and highlighted the Walker Fork and Glacier Creek drainages. Although no single large coherent anomaly has been located to date within the Walker Fork drainage, the area contains auriferous epithermal quartz vein float and a soil anomaly over a quartzite outcrop. The anomalies in Glacier Creek have not been traced to a discrete area although sample VR19804A from a tributary on the north side and midway up Glacier Creek returned 26ppb gold. This same tributary returned impressive placer gold values (Mike McDougall, pers. comm.) and soil samples collected nearby by Madrona returned several anomalous bismuth values.

5.3 Soil Geochemistry

A total of 1,224 samples were collected (including the 196 collected in 1998) Sample descriptions, analytical results, data on duplicate samples and geochemical statistics are presented in Appendix E. Data for the gridded samples, collected previously by Madrona is presented only on Figures 8-11. Selected samples from the Madrona grid were analyzed for gold (-80 mesh fraction). The majority of the 1,224 Kennecott samples were analyzed utilizing the –150mesh fraction with the –80mesh being used only if the finer fraction was insufficient.

The 1999 soil lines, with sample spacing 100m to 200m, were completed on ridges, contours, and along roads. The widespread lines were designed to locate large, km scale, coherent anomalies (Au-As plus other elements) in an effort to delineate a hydrothermal system(s) capable of hosting a gold deposit(s). All sample sights were marked with blue surveyors tape, metal tags and the location captured by GPS (average accuracy +/- 30m).

Descriptive statistics (in Appendix E) were calculated using MICROSOFT EXCEL software. In addition, DATA DESK software, a statistics program, was used to view the data and plot histograms (not included with this report). As the histograms and anomalous thresholds, created in DATA DESK, closely approximated the anomalies generated using percentiles in MAP INFO software, the later was used in generating the geochemistry plots (Figures 8 – 11).

The sampling medium consisted predominantly of soliflucted and reworked colluvium, talus fines and poorly developed 'B' horizon material. Some samples collected in or near valley bottoms may consist of alluvial material, especially the area near the mouth of Glacier and Miller Creeks. Permafrost was a hindrance, especially on north and west facing slopes, including parts of the Miller and WY Gulch anomalies. This, coupled with cool spring weather, hindered sample collection in throughout June. All samples were collected by soil augers and sample depth averaged approximately 40cm.

The most significant anomalies are outlined on Figures 8 – 11 for the elements gold and arsenic. The Miller Creek anomaly, the most significant gold anomaly measures approximately 1.5km by 2.0km. This anomaly can be at least partly attributed to veining exposed in Trenches 99-1 to 6. The remaining anomalies are much smaller although they remain open in one or more directions. The lack of coincident arsenic, antimony, bismuth and other pathfinder elements, lack of intrusive rocks also reduces their prospectively.

The WY Gulch Au-As anomaly is also coincident with a weak Hg anomaly (up to 4.8ppm). This is consistent with the fact that WY Gulch is the source of placer cinnabar found by the placer miners. A fault contact suspected to lie in WY Gulch, separating the volcanics to the east from the metasediments to the west, may control the cinnabar mineralization.

6.0 GEOPHYSICS

6.1 Regional Geophysics

Regional geophysics consist of GSC gravity and airborne magnetic data.

The regional magnetics show the Sixty Mile area to be underlain by a weak to moderate high, reflecting the metamorphic rocks and the Carmacks volcanics. The granodiorite intrusives exposed 15km southeast of the property are flanked by a strong magnetic high (and coincident with a gravity low), possibly reflecting a buried oxidized (magnetite bearing) batholith. The dominant NW trending fabric, the most notable feature noted with the total field magnetics, is cut by the NE trending Sixty Mile Lineament. The lineament is also defined by a number of discrete magnetic highs (e.g. Swede Dome).

The property 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 both the known and possibly undiscovered hydrothermal gold mineralization. The gravity low on the east side of the property is abutted and probably cut off by the Sixty Mile Lineament (10-12km of sinstral movement?), discernable on the 10km upward continued gravity image.

6.2 Property Geophysics

Helicopter Airborne Magnetics

High-Sense Limited of Toronto, Ontario was contracted to fly a helicopter magnetic and radiometric survey over the property in late July – early August 1999. Flight lines, totaling 640 line-km, were nominally spaced 200m apart with magnetometer sensor height 50m above the surface. Parameters of the survey are in Appendix H. A gravity survey was contracted to Amerok Geosciences Ltd. of Whitehorse, Yukon in November 1998. Andrew Cole and James Fueg, both geophysicists with Kennecott, supervised the gravity survey (A.Cole) and the airborne survey (A.Cole and J.Fueg).

Results from the High-Sense magnetic survey are shown along with the Aerodat survey carried out by Madrona Mining Limited in 1996 in Figure 12, the total field magnetic map. A number of magnetic features are readily apparent although overall the magnetic variation is small, less than a 300nT (nanoTesla) contrast. The Carmacks volcanic rocks appear as a mottled magnetic high-low signature on the east side of the property and as a high-low (hypabyssal latite) in the

Madrona gold anomaly area. The Madrona anomaly is on the west end of a NNE trending line of weak magnetic highs and a subtle in Miller Creek drainage. This NNE trending magnetic high may reflect the thrust controlled margin of a medium to dark green chlorite - biotite schist (unit DM_{asc}) while the subtle high, noted on Figure 12, may reflect a buried intrusive.

The NE trending area between the Carmacks volcanic rocks and the chlorite-schist unit, approximately 4km-5km wide, is an area of little magnetic variation, labeled "Flat Magnetics", in Figure 12. This area hosts the Miller Creek and WY Gulch gold in soil anomalies that are not coincident with a magnetic anomaly.

A number of postulated buried intrusives, trending NW, are also indicated in the Walker Fork drainage as a number of discrete magnetic highs. However no intrusive is exposed in the area but a NW trending structural corridor is interpreted to trend into the headwaters of Miller Creek and may continue in the Miller Creek drainage.

The eastern contact of the Carmacks volcanics is denoted where the distinctive mottled high-low signature ends and is also the suspected location of the Sixty Mile Fault – Lineament.

Helicopter Airborne Radiometrics

The radiometric survey measured the radiation (total count) emanated by the radioactive elements potassium (K) uranium (U) and thorium (Th). Results are shown on Figures 13, K/Th filtered, and Figure 14, Ternary (RGB) K-Th-U. Overall the results are similar and agree with the observations made above regarding the magnetic signature. In general the radiometric results should be ignored over creek drainage's as they reflect the underlying alluvial gravels. Radiometric results do highlight the different rock units, and their contact, on the property.

The K/Th filtered and to a lessor degree the ternary K-Th-U map reflect known lithologies. The Carmacks volcanic rocks have a high-low signature with isolated high K areas (K map not included with report). It is not known why the high K areas are found only on the west side of the Carmacks volcanic rock. Like the magnetics a number of NE and E-W trending lineament are indicated in the volcanic units.

Further west the northeast trending P_{sqm} unit, that underlies the WY Gulch, and the east half of the Miller Creek anomaly (Tr99-6), show up as a radiometric low. The area underlying the west side of the Miller Creek anomaly (Tr99-1 to 5 area) appears as an area of mottled high and lows and is coincident with map unit DM_{sqm} (Figure 5). The boundary of this signature, "K/Th Intermediate on Figure 13, trends through Salsa Gulch.

The headwaters of Glacier, Miller and Walker Fork Creeks is an area of very high K/Th and has isolated high K areas. This signature could be in part due to the largely alpine terrain in this area accentuating the response from the graphite Nasina quartzite (DM_{sqc}) underlying the area.

Observed radiometric ring structures in the west part of the property are due in a least part to topography and rock exposures. The southwest ring structure may be partly due to a possible buried intrusive a weak magnetic high is located in the same area.

Gravity Survey

As the helicopter supported survey was carried out in November, weather and the short days (daylight), hampered production. The results are shown on Figure 15 and the parameters of the survey are included as Appendix I.

The survey confirmed that a regional gravity low underlies the property and that eastern edge of this low generally coincides with the Sixty Mile LIneament. Bedrock Creek, on the south side of the gravity low, approximates the southern boundary of the anomaly. On a more detailed scale it can be noted that all the geochemical anomalies, Miller Creek, Walker's Fork, etc., and the Carmacks volcanic units are all underlain by the gravity low.

7.0 1999 TRENCHING PROGRAM

Six trenches tested gold in soil anomalies on Pepper Ridge, the Miller Creek anomaly (40-100 ppb Au). F&K Hawker, a local placer mining company, using a Hitachi 300EX excavator, for a total of 46 equipment hours excavated all trenches. Trenches Tr99-1 to 6 totaled 661 linear metres and are shown on Figure 8, individual trench maps are in Appendix K. Complete rock sample descriptions and analytical results in Appendix C.

Trenches were usually 1 to 2m deep, benched for safety, and generally exposed bedrock or turned up rocks from the 'C' horizon. Trenches were sited over or near anomalous gold-arsenic soil, rock sample anomalies, and avoided areas of deep overburden and permafrost of the north-facing slope. Trenches were sited on or near ridge tops to avoid contamination with mineralized talus.

All trenches were chip sampled with individual samples no greater than 10m long with shorter samples over mineralized or otherwise anomalous sections. If the trench could not be entered, for safety reasons, samples were collected from the top of the dump pile. Mapping of the trench walls and floor, or dump piles, was completed at 1:200 scale.

Before trench excavation the top few inches organic material was scraped off and put aside. All trenches were filled in at the end of the season and the organic horizon placed on top.

Trenches 99-1 to 5, between Salsa and Cayenne Gulches were excavated to test the Miller Creek anomalies and in addition Tr99-1, 2 and 3 were also designed to test the suspected structure in Jalapeno Gulch. Unfortunately, a combination of overburden, permafrost and the proximity of the adjacent Key claims prevented this.

The most significant analytical results included; 1.63 g/t over 13m of silicified and bleached quartzite wall rock, associated with a 9 cm wide quartz vein in trench Tr99-6; and 0.765 g/t over 3.5m of graphitic phyllite in trench Tr99-5. All trenches contained anomalous arsenic values.

Geology, sample numbers, rock sample descriptions and partial geochemical results for the trenches are presented on 1:200 scale trench maps in Appendix K and completed rock sample descriptions and analytical results in Appendix C.

8.0 CONCLUSION AND RECOMMENDATIONS

The Sixty Mile Project claims cover Cretaceous Carmacks Group andesite volcanic rocks and Paleozoic metamorphic basement rocks. The metamorphic rocks are cut by a number of fault zones, some of which contain minor slices of ultramafic rocks: this implies a deep crustal weakness. The Sixty Mile Lineament, in the Sixty Mile River valley and the eastern property boundary, is the east margin of the graben that has preserved the Carmacks volcanic rocks. The property covers most of a highly productive and currently active placer gold camp that has yielded more than 570,000 crude ounces since 1892.

The property is a gold target. The 1999 program located and partially delineated a number of gold +/- arsenic anomalies. The most significant of these is the Miller Creek gold soil anomaly (>40ppb gold) which extends over a 1.5km by 2km area. This anomaly is attributed to auriferous arsenopyrite bearing quartz veins cutting metamorphic rocks. Impressive carbonate alteration and high sulphide (pyrite-galena) and low sulphide (carbonate and chalcedony) vein mineralization hosted by Carmacks volcanics was also identified in the Sixty Mile River valley.

Mineralization spatially and temporally associated with the Carmacks Group is though to represent one event and the veining at the Miller Creek anomaly a separate and earlier event, possibly related to the Early Jurassic intrusion in Miller Creek. Two other types of mineralization on the property include weak skarn mineraliztion, related to the Carmacks event and, enigmatic quartz-carbonate veins hosted by listwanite altered ultramafics in shear and fault zones. A Carmacks age structurally controlled setting is postulated for a placer cinnabar (auriferous cinnabar) occurrence in WY gulch.

Trenching within the Miller Creek anomaly yielded a 13m section grading 1.63g/t gold from Trench 99-6 over a listwanite bearing shear zone containing disseminated arsenopyrite and a quartz vein. A single rock sample over a graphitic phyllite unit in Trench 99-5 returned 0.765g/t over 3.5m. Highly anomalous arsenic values and weak gold values from Trench 99-1 to 5 indicate a widespread hydrothermal system.

Trenching and soil sampling was hampered by the cool spring and permafrost, especially on the north and west facing slopes. Outcrop is restricted to ridge tops, placer works, stream and road cuts

In addition to the Miller Creek, four other gold in soil (+/- rock) anomalies were identified on the property; the WY Gulch, Walker Fork, Poker Creek and Madrona were identified. All are smaller in size and intensity to the Miller Creek anomaly but remain open in one or more directions. The WY Gulch and Miller Creek anomalies can be partially explained by through going structures.

Minor mineralization was also found at the head of Miller Creek (galena in marble), on the ridge at head of Glacier Creek (galena in quartz veining), and in the Glacier Creek drainage (quartz-fluorite and quartz-arsenopyrite). The Ferkle occurrence on the ridge between Glacier and Miller Creeks (auriferous decomposed sulfide veins), and outcrops on the Miller Creek road (auriferous limonitic quartzite, fractured and jointed) are but two more possible sources for the placer gold.

The 1999 work identified a number of areas anomalous in gold. Further work is required to define and test these areas. Due to time constraints, claims held by others and lack of outcrop in the Sixty Mile River valley, little work was carried out in this area.

Priority should be given to evaluating the Miller Creek anomaly and the under explored Sixty Mile River valley. The other anomalies should be further evaluated with additional soil and rock sampling and geological mapping. The following work is recommended.

1. The Miller Creek anomaly requires additional infill soil sampling and mapping traverses followed by trenching and possibly diamond drilling. The strike extensions of the mineralization found in Trench 99-6 should be explored. Special attention should be given to structural controls and mineralogical zoning. Road access at an early stage would facilitate exploration.

2. The possibility of land acquisition should be addressed in the Sixty Mile River valley as it is likely that the drill intersection reported by previous workers (7.1g/t gold over 12m – Per occurrence) is currently held by others. A trenching program using historical data and targeting geophysical anomalies is recommended.

3. Establishment of road access to the WY Gulch anomaly. The new road cut exposures would help in locating mineralization and understanding its controls. Additional mapping, sampling and excavator trenching is also required to evaluate this anomaly.

4. The use of additional geophysics (ground magnetics, electromagnetics, VLF, induced polarization, etc.) should be investigated in order to better define mineralization, structures and to help target any proposed drilling.

5. A claim survey is required in order to determine property boundaries and claim fractions.

9.0 STATEMENT OF COSTS

KENNECOTT CANADA EXPLORATION INC.
SIXTY MILE PROJECT, NTS 115N/15 & 116C/2
1999 EXPLORATION EXPENDITURES

Geochemistry					
	No.	$/Sample	$Subtotal		
Rocks	165	23.60	3894.00		
Rock (trench samples)	99	31.88	3156.12		
Soils	839	21.57	18097.23		
Soils (Madrona Au geochem)	216	7.54	1628.64		
Silt	32	42.58	1362.56		
Whole Rock	14	38.98	545.72		
Petrographics	12	150.00	1800.00		**$30,484.27**
Geophysics					
High-Sense (aeromagnetic and radiometric survey)			37550.79		
James Fueg (KCEI geophysicist)	5	350.00	1750		
Andrew Cole (KCEI geophysicist)	5	350.00	1750		
Note: Geophysical survey flown in August 1999.					
					$41,050.79
Personnel (1999)					
	Days	Daily Rate	Subtotal		
R.Hulstein, B.Sc,P.Geo. (geologist)					
May 5,13-14,19-21,30,31	9	350.00	3150		
June 1-12,19,29	14	350.00	4900		
July 8,10-22 (trench 25-29), 30,31	20	350.00	7000		
Aug. 1,2,5-8,10-13,30,31	12	350.00	4200		
Sept. 1,2,3	3	350.00	1050	20300.00	
F.Andersen, B.Sc., (geologist)					
May 3-7,10-12,14,18-21,25,30,31	16	300.00	4800		
June '1-26	26	300.00	7800		
July '8-22, (trench 25-27)	17	300.00	5100		
Aug. 4-15,16,21-24,29-31	20	300.00	6000		
Sept. 1,2,	2	300.00	600	24300.00	
Rick Zuran, B.Sc., (geologist)					
May 5-7,10-14,18-22,25,26,30,31	17	300.00	5100		
June 1-15,16-20	20	300.00	6000		
July 9-21,(trenching 25-29),30,31	20	300.00	6000		
Aug. 1-3,10-15,16,21-23 (tr 24),30,31	16	300.00	4800		
Sept. 1,2,	2	300.00	600	22500.00	
L.Levesque (assistant)					
May 11,12,18,20,21,25,30,31	8	250.00	2000		
June 1-12, 16-17, 19,20	16	250.00	4000		
July 8-23 (trenching 26-29),30,31	22	250.00	5500		
Aug. 1-4,10-16 (tr 22,23),24,25,30,31	17	250.00	4250		
Sept. 1,2,	2	250.00	500	16250.00	
Rob Duncan, M.Sc. (geologist)					
May 25,30,31	3	275.00	825		
June 1-17, 19,20,	19	275.00	5225		
July 9-22,24 (trench 25-28),29,31	22	275.00	6050	32758.87	
Total Labour Costs					**$116,108.87**

Field Expenses						
Freight		4883.70				
Meals and Accomadation		25256.00				
Helicopter		2130.93				
Vehicles (rental and fuel)		15994.14				
Communications		6145.66				
Total Field Costs						**$54,410.43**
Report and Project Management						
Person			days	$/day	Cost	
Eric Finlayson			5	400	2000	
Terri Maloof			14	300	4200	
R. Hulstein			14	350	4900	
F. Andersen			5	300	4125	
R. Zuran			5	300	1500	
Drafting&reproduction					1500	
Total Report Costs	(allocate $40.23 per claim)					**$18,225.00**
Total Project Cost						**$260,279.36**

November 1998 Gravity Survey

Amerok Geosciences Ltd.		12330.54	
Bonanza Aviation		661.26	
Trans North Heloicopters	2524.67		
	3132.00		
	3276.45		
	2669.12		
	2856.26	11602.24	
Andrew Cole (geophysicist)	7 days @350/day	2450.00	
KCEI expenses		600.00	
Total		**27644.04**	(allocate $125.65 per claim)

Note: Gravity survey expenditures applicable to only the following claims:

Sixty 1-143	143
Creek 27-30	4
Creek 1-2	2
Uni 41	1
Uni 18-40	23
Uni 1-13	13
Cici 1-34	34
	220

1999 Trenching Program

Trenching Program - Pepper Ridge		
F&K Hawker, July 30,Aug.23	8346.00	
Labour (July 25-29, Aug 22,23)	6250.00	
Camp and expenses	1500.00	
Rock (trench samples)	3156.12	
		19252.12
Trench Program - 60Mile valley		
K-1 Mining, Aug. 27	863.75	
R. Zuran	350.00	
Camp and Support	150.00	
		1363.75

10.0 STATEMENT OF QUALIFICATIONS

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 Sixty Mile project claims located in the Dawson Mining District, Yukon. The report is based on personal examination of the ground on various dates between June 1998 and June August 31, 1999, fieldwork carried our by personnel of Kennecott Canada Exploration Inc. and on referenced sources.

Roger Hulstein, B.Sc., FGAC, P.Geo.
December 17, 1999

I, Rick J. Zuran, B.Sc., with a business address:
Kennecott Canada Exploration Inc.
3169 Third Avenue
Whitehorse, Y.T.,
Y1A 1G4

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

1. I am a graduate of the University of British Columbia with a Bachelor Degree in Geological Sciences (1988).

2. I have been engaged in mineral exploration since 1977 for base metals, uranium, and precious metals in the Yukon Territory, Northwest Territories, British Columbia, Labrador, and Saskatchewan.

3. I have been associated as an employee/contractor with the following companies and universities in mineral exploration and academic work:

Denison Mines Ltd.	OBI Resources
Anaconda Canada Exploration Ltd.	Mt. Skukum Gold Mining Corp.
Selco Ltd.	Total Energold Corp.
BP Minerals Ltd	Energold Minerals Inc.
University of Ottawa	North American Metals Corp.
University of British Columbia	Kennecott Canada Inc.

4. I am a member of the Yukon Chamber of Mines.

5. I am the co-author of this report on the Sixty Mile property, Dawson Mining District, Yukon, which is based on my personal examination of the ground between June 1, 1999 and August 31, 1999 and on referenced sources.

Dated at Whitehorse, Yukon Territory this 17th day of December, 1999.

Respectfully submitted,

Rick J. Zuran, B.Sc.

11.0 REFERENCES

Cockfield, W.E., 1921. Sixtymile and Ladue Rivers Area, Yukon. Geological Survey of Canada, Mem. 123.

Duk-Rodkin, A., 1996. Surficial Geology, Dawson, Yukon Territory; Geological Survey of Canada. Open File 3288, scale 1:250,000.

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Hornbrook, E. H. W., P. W. B. Friske, 1986. Regional Stream Sediment and Water Geochemical Reconnaissance Data, Yukon 1986. Open File 1364.

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Placer Mining Section, 1998. Yukon Placer Industry 1995, 96, 97. Mineral Resources Directorate, Yukon, Indian and Northern Affairs Canada.

Spurr, J.E., and Goodrich, H.B., 1898. Geology of the Yukon Gold District, Alaska. U.S. Geological Survey, Eighteenth Annual Report, 1896-97, Pt. III.

Tempelman-Kluit, 1973. Reconnaissance Geology of Aishihik Lake, Snag and Part of Stewart River Map-Areas, West Central Yukon. Geological Survey of Canada, Paper 73-41.

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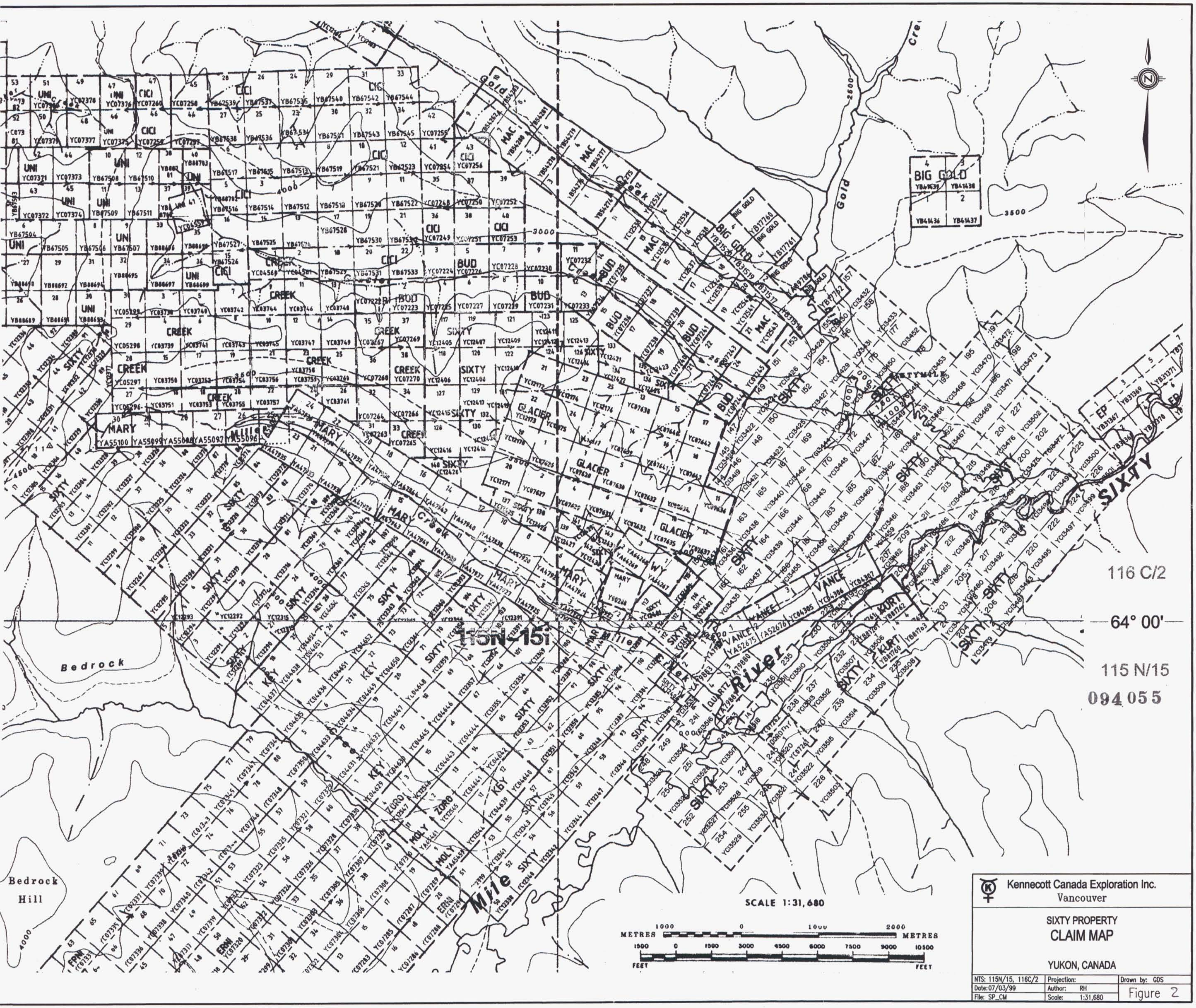

Kennecott Canada Exploration Inc.
Vancouver
SIXTY PROPERTY
CLAIM MAP
YUKON, CANADA
NTS: 115N/15, 116C/2
Date: 07/03/99
File: SP_CM
Projection:
Author: RH
Scale: 1:31,680
Drawn by: GDS
Figure 2
SCALE 1:31,680
METRES
FEET
116 C/2
115 N/15
64° 00'
115N-15i
094055
Bedrock Hill
Bedrock
Sixty Mile River
Gold Creek
Mary Creek
BIG GOLD
SIXTY
GLACIER
CREEK
UNI
CICI
BUD
MAC
MARY
KEY
VANCE
KURT
ZORO
MOLY
ERNI
EPN
EP
WY
QUARTZ


SURFICIAL GEOLOGY LEGEND
FLUVIAL FEATURES
Ap Alluvial plain
At Alluvial terrace
Af Alluvial fan
Ax Undivided mix of alluvial plain, terrace and fan.
GLACIAL FEATURES
Gt Glacio-fluvial terrace
COLLUVIUM
Cb Colluvium, blanket-masks underlying topographic features.
Cv Colluvium veneer-underlying topographic features discernible. Bedrock outcrop and talus included.
ROCK
R Rock outcrop
OTHER
Placer mined areas
SYMBOL LEGEND
CLAIM BOUNDARY K.C.E.I.
CLAIM BOUNDARY (OTHER)
CREEK
4X4 ROAD, TRAIL
NOTE: Sixty Mile District: Upwards of 600,000 oz. Au placer mined from 1892 to 1999.
Production
118,000 oz. from 1892 - 1917 (Cockfield)
123,600 oz. from 1985 - 1994 (YPMI)
Gold fineness varies from 0.810 to 0.860, most impurities silver (12-15%) (FA)
References
Cockfield, W.E., GSC Memoir 123, 1921.
Spurr, D.E., USGS Annual Report 18, 1897.
Yukon Placer Mining Industry Reports, 1991-1992 and 1993-1994.
094055
scale: 1:20,000
0 200 400 600 1000
metres
Kennecott Canada Exploration Inc.
Vancouver
SIXTY MILE PROJECT
SURFICIAL GEOLOGY
YUKON, CANADA
NTS: 115 N/15, 116 C/2
Projection: UTM NAD 27
Drawn by: GDS
Date: 16/12/99
Author: FA
File: SIXTY_20_SURF
Scale: 1:20,000
Figure 4
Little Gold Creek
Big Gold Creek
Five Mile Creek
Glacier Creek
Miller Creek
Sixty Mile River
Bedrock Creek
Poker Creek
Davis Cr.
Holt Creek
Walkers Fork
Gold Gulch
Boucher Creek
Mosquito Ck.
Bedrock Hill
Mount Nolan
Pepper Ridge
Cayenne Gulch
Salsa Gulch
Jalapeno Gulch
Cirque?
pingo
meltwater channel
500,000
505,000
510,000
515,000
520,000
UTM 520,000m E
UTM 500,000m E
7,105,000
7,100,000
7,095,000
116 C/2
115 N/15
64° 00'
141° 00'

LITHOLOGY LEGEND

* Kennecott rock codes in brackets.

PALEOCENE – EOCENE

eTst	Grey, dark grey to steel blue grey cross bedded siltstone (SLS); light greyish, well bedded grit and sandstone (SST). Local plant fossils noted. Ash tuff (?) (TUF), olivine basalt (?) also noted.

CARMACKS GROUP

LATE CRETACEOUS

lKcsi	Greenish grey calcareous tremolite–actinolite skarn like or calc–silicate rock.
lKvl	Greyish hypabyssal porphyritic latite/dacite (LAT). Medium coarse phenocrysts of plagioclase, lesser ones of hornblende, minor ones of quartz, and apatite in a fine grained ground mass.
lKva	Grey to brownish rusty and purplish grey porphyritic andesite and rare dacite (?); (AND, DAC). Medium to coarse grained pheno–crysts of plagioclase with lesser hornblende/augite and rare quartz.
lKst	White to light grey, subrounded to rounded, quartz pebble conglo–merate.
lKgdr	Off white to greenish grey, fine to medium grained granodiorite (GRD), dominated by plagioclase with lesser quartz, much less abundant K–feldspar, biotite, and accessory pyrite and apatite.

EARLY JURASSIC

eJg	Off white, fine to coarse grained, leucocratic, metamorphosed, locally foliated, quartz monzonite to granite (GRN) with minor biotite and muscovite. Includes abundant aplite and pegmatitic phases. Also named "alaskite" (ALK).

DAWSON / CLINTON CK. ASSEMBLAGE (SLIDE MTN. TERRANE)

MIDDLE OR UPPER PALEOZOIC

lPu	Tan and light rusty weathering carbonatized ultramafic rock (ULM) and talc muscovite phyllites and schists (TAL MUS PHY/SCH). Local fucshite noted.

KLONDIKE SCHIST ASSEMBLAGE

MIDDLE TO LATE PERMIAN

Psqm	Grey to rusty weathering quartz muscovite schist (QTZ MUS SCH) and phyllite (PHY).

NASINA ASSEMBAGE

LATE (?) DEVONIAN TO EARLY MISSISSIPPIAN

DMc	Grey to brown grey recrystallized limestone (LST) and marble (MRB).
DMsqm	Grey, pale green, to locally rusty weathering, fine grained, pre–dominantly non–graphitic, muscovite (+/– chlorite) quartzite (MUS CHL QTE), quartz muscovite schist (QTZ MUS SCH) and phyllite (PHY).
DMsqc	Grey to dark grey, fine grained, predominantly graphitic, muscovite quartzite (GRA MUS QTE), quartz muscovite schist (QTZ MUS SCH) and phyllite (PHY).
DMasc	Medium to dark green chlorite +/– biotite schist (CHL BIO SCH). Magnetic meta–mafic volcanic rock.
DMs	Dark grey, medium to coarse grained mica schist. Micas include: muscovite +/– biotite +/– phlogopite +/– chlorite with local porphyroblastic textures.
DMgdg	Pinkish tan, medium grained, massive to strongly foliated, local augen textured dioritic to granodioritic gneiss (GNE).

SYMBOL LEGEND

- GEOLOGICAL CONTACT (APPROXIMATE)
- AIR PHOTO LINEAR (FAULT?)
- GEOPHYSICS LINEAR (FAULT?) (Interpreted from 1999 Hi Sense Magnetics, Radiometrics Airborne Survey)
- THRUST FAULT (INTERPRETED, APPROXIMATE)
- FAULT (APPROXIMATE)
- CLAIM BOUNDARY K.C.E.I.
- CLAIM BOUNDARY (OTHER)
- CREEK
- 4X4 ROAD, TRAIL
- K.C.E.I. TRENCH - 1999, OTHER
- PIT
- ADIT
- EXTENT OF OUTCROP
- × FLOAT
- FOSSILS
- DRILL HOLE
- ★ 17.2 AGE DATE IN MA (J.K. MORTENSEN, pers. comm.)
- ■ PER YUKON MINFILE OCCURRENCE
- 50/215 VEIN (INCLINED)
- 25/035, 270 JOINT (INCLINED, VERTICAL)
- 035/25, 035 BEDDING (INCLINED, VERTICAL)
- 035/25, 035 FOLIATION (INCLINED, VERTICAL)

ABBREVIATIONS

AND	andesite	ank	ankerite
BAS	basalt	bio	biotite
DAC	dacite	cal	calcite
GRD	granodiorite	cdy	chalcedony
GRN	granite	chl	chlorite
LAT	latite	dol	dolomite
MRB	marble	fel	feldspar
PHY	phyllite	flu	fluorite
QTE or QZT	quartzite	gra	graphite
SLS	siltstone	hem	hematite
SYE	syenite	jar	jarosite
TUF	tuff	lim	limonite
SCH	schist	mdl	molybdenite
ULM	ultramafic	mic	mica
AP	axial plane	mus	muscovite
FA	fold axis	qtz	quartz
TR	trench	ser	sericite
		tal	talc
arg	argillic alteration	ars	arsenopyrite
ble	bleached	gal	galena
cly	clay	poo	pyrrhotite
mnx	manganese oxide	pyy	pyrite
oxi	oxidized	sph	sphalerite
slc	silicified		
stn	stained		
abx	auto–breccia	gn	green
alt	altered	gy	grey
brx or bxa	breccia	wt	white
cog	coarse grained	yw	yellow
def	deformed		
dis	disseminated		
flt	fault	dk	dark
fol	foliated	lt	light
mas	massive		
poy	porphyritic		
pyr	pyroclastic	w	with
str	stringers	tr	trace
swk	stockwork	qv	quartz vein
ven	vein		

● HISTORICAL DATA; TEXT IN BLUE ON COLOURED COPIES

NOTE: TRENCH DATA FROM K.C.E.I. 1999 TRENCHING PROGRAM IN RED ON COLOURED COPIES.

SEE FIGURE 5 FOR CROSS SECTIONS A and B.

094055

scale: 1:20,000

0 200 400 600 1000

metres

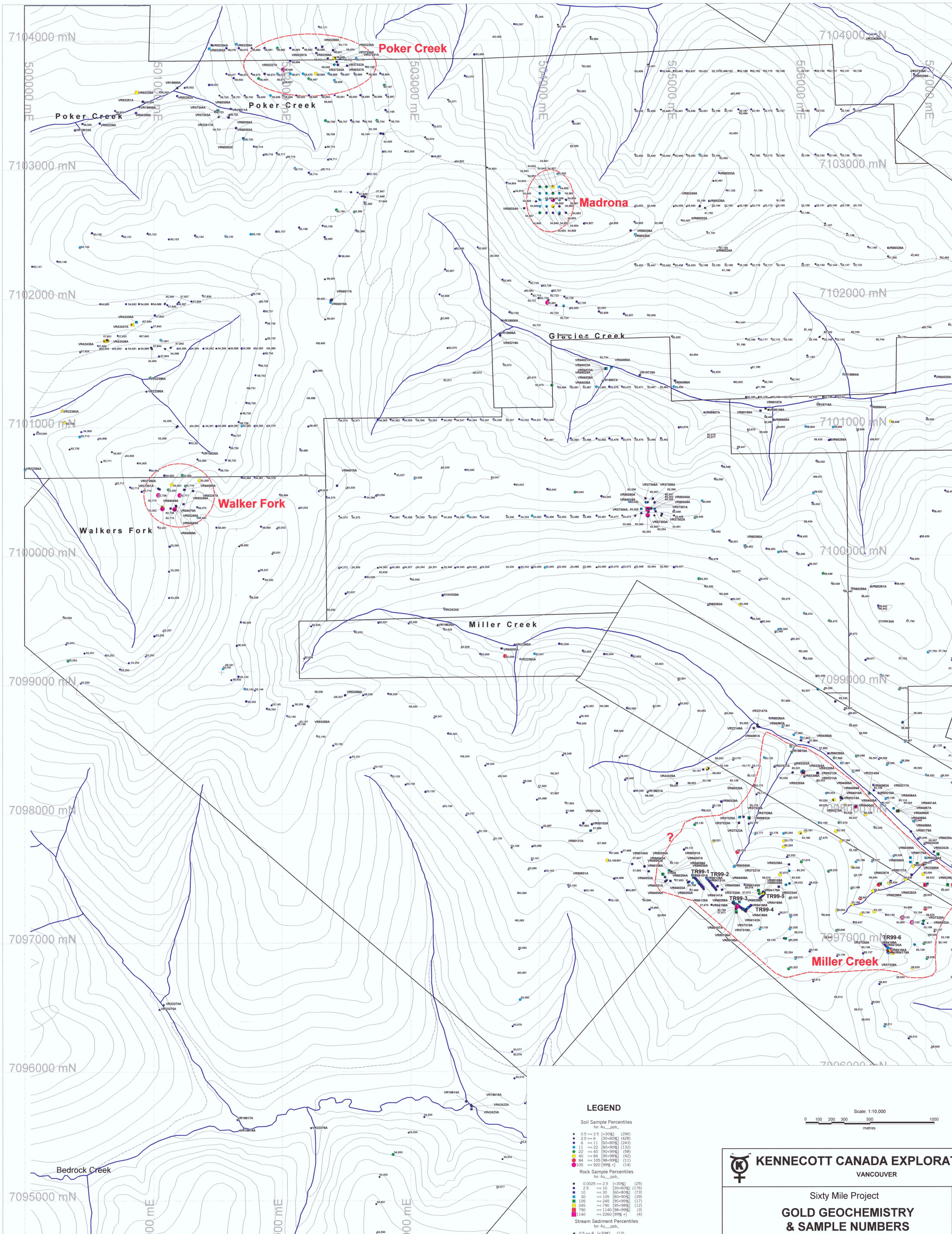
Kennecott Canada Exploration Inc.
Vancouver

SIXTY MILE PROJECT

GEOLOGICAL COMPILATION MAP

YUKON, CANADA

NTS: 115 N/15, 116 C/2	Projection: UTM NAD 27	Drawn by: GDS
Date: 16/12/99	Author: R. ZURAN	Figure 5
File: SIXTY_20	Scale: 1:20,000	



LEGEND

Soil Sample Percentiles
for: Au__ppb_

0.5	=< 2.5	[<30%]	(296)
2.5	=< 6	[30<60%]	(428)
6	=< 11	[60<80%]	(243)
11	=< 22	[80<90%]	(132)
22	=< 40	[90<95%]	(58)
40	=< 84	[95<98%]	(42)
84	=< 105	[98<99%]	(11)
105	=< 920	[99% +]	(14)

Rock Sample Percentiles
for: Au__ppb_

0.0025	=< 2.5	[<30%]	(25)
2.5	=< 10	[30<60%]	(176)
10	=< 30	[60<80%]	(73)
30	=< 105	[80<90%]	(39)
105	=< 245	[90<95%]	(17)
245	=< 790	[95<98%]	(12)
790	=< 1140	[98<99%]	(3)
1140	=< 2260	[99% +]	(4)

Stream Sediment Percentiles
for: Au__ppb_

0.5	=< 8	[<30%]	(13)
8	=< 13	[30<60%]	(16)
13	=< 26	[60<80%]	(10)
26	=< 40	[80<90%]	(4)
40	=< 70	[90<95%]	(3)
70	=< 80	[95<98%]	(2)
80	=< 80	[98<99%]	(1)
80	=< 80	[99% +]	(0)

SYMBOLS

Madrona — Gold soil anomaly outline & name

Claim block outline

Road

Creek / River

100' elevation contour

54915 — Soil sample site and number (all numbers are preceded by 'VR' and end with 'A')

VR42423A — Rock sample site and number

VR22377 — Stream sample site and number

Scale: 1:10,000

0 100 200 300 500 1000

metres

094055

KENNECOTT CANADA EXPLORATION INC.

VANCOUVER

Sixty Mile Project

GOLD GEOCHEMISTRY & SAMPLE NUMBERS (West Sheet)

Yukon Territory, Canada

Author: RH

Date: Dec. 13, 1999

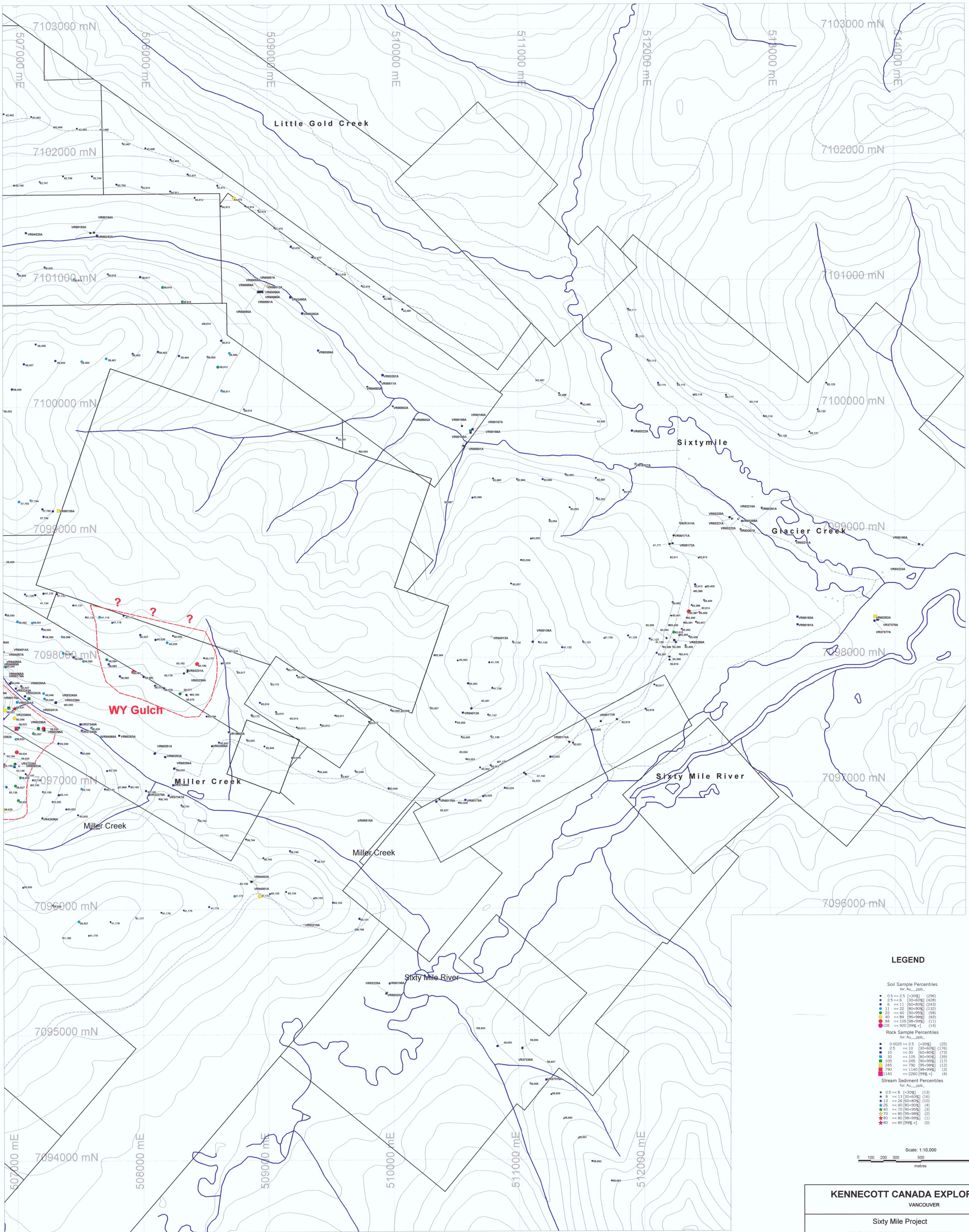
NTS: 116C/2 & 115N/15

Drawn by: RH

File: Sixty

Figure: 8

Projection: NAD27



LEGEND

Soil Sample Percentiles
for: Au__ppb_

0.5	=< 2.5	[<30%]	(296)
2.5	=< 6	[30<60%]	(428)
6	=< 11	[60<80%]	(243)
11	=< 22	[80<90%]	(132)
22	=< 40	[90<95%]	(58)
40	=< 84	[95<98%]	(42)
84	=< 105	[98<99%]	(11)
105	=< 920	[99% +]	(14)

Rock Sample Percentiles
for: Au__ppb_

0.0025	=< 2.5	[<30%]	(25)
2.5	=< 10	[30<60%]	(176)
10	=< 30	[60<80%]	(73)
30	=< 105	[80<90%]	(39)
105	=< 245	[90<95%]	(17)
245	=< 790	[95<98%]	(12)
790	=< 1140	[98<99%]	(3)
1140	=< 2260	[99% +]	(4)

Stream Sediment Percentiles
for: Au__ppb_

0.5	=< 8	[<30%]	(13)
8	=< 13	[30<60%]	(16)
13	=< 26	[60<80%]	(10)
26	=< 40	[80<90%]	(4)
40	=< 70	[90<95%]	(3)
70	=< 80	[95<98%]	(2)
80	=< 80	[98<99%]	(1)
80	=< 80	[99% +]	(0)

Scale: 1:10,000
0 100 200 300 500 1000
metres

094055

SYMBOLS

- Soil sample site and number (all numbers are preceded by "VR" and end with "A")
- Rock sample site and number
- Stream sample site and number
- WY Gulch — Gold Soil Anomaly Outline & Name
- Claim Block Outline
- Road
- Creek/River
- 100' elevation contour

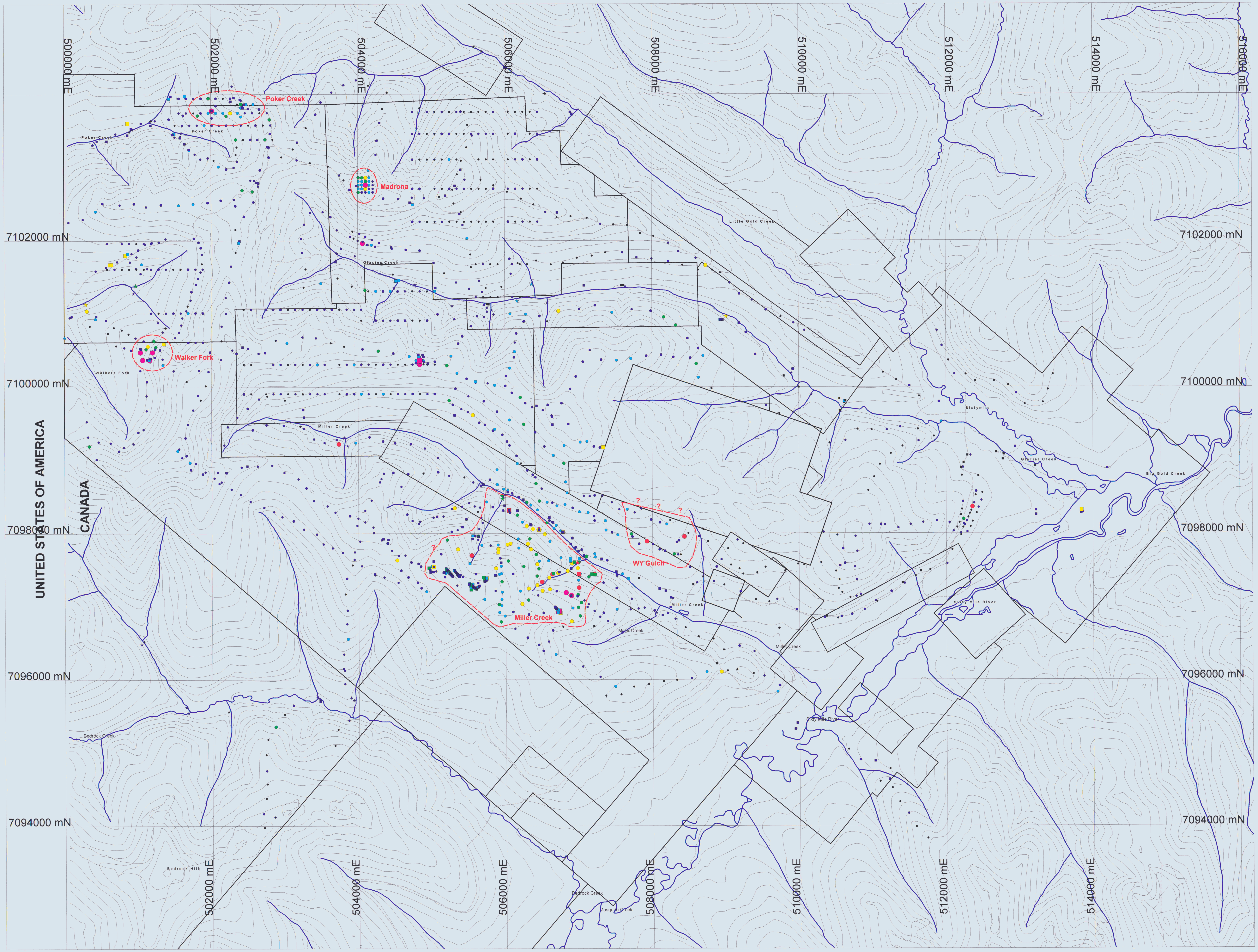
KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

Sixty Mile Project

GOLD GEOCHEMISTRY & SAMPLE NUMBERS (East Sheet)

Yukon Territory, Canada

Author: RH
Date: Dec. 7, 1999
NTS: 116C/2 & 115N/15
Drawn by: RH
File: Sixty
Projection: NAD27
Figure: 9



LEGEND

Rock Sample Percentiles
for: Au___ppb_

0.0025	=< 2.5	[<30%]	(25)
2.5	=< 10	[30<60%]	(176)
10	=< 30	[60<80%]	(73)
30	=< 105	[80<90%]	(39)
105	=< 245	[90<95%]	(17)
245	=< 790	[95<98%]	(12)
790	=< 1140	[98<99%]	(3)
1140	=< 2260	[99% +]	(4)

Stream Sediment Percentiles
for: Au___ppb_

0.5	=< 8	[<30%]	(13)
8	=< 13	[30<60%]	(16)
13	=< 26	[60<80%]	(10)
26	=< 40	[80<90%]	(4)
40	=< 70	[90<95%]	(3)
70	=< 80	[95<98%]	(2)
80	=< 80	[98<99%]	(1)
80	=< 80	[99% +]	(0)

Soil Percentiles
for: Au___ppb_

0.5	=< 2.5	[<30%]	(296)
2.5	=< 6	[30<60%]	(428)
6	=< 11	[60<80%]	(243)
11	=< 22	[80<90%]	(132)
22	=< 40	[90<95%]	(58)
40	=< 84	[95<98%]	(42)
84	=< 105	[98<99%]	(11)
105	=< 920	[99% +]	(14)

Gold soil anomaly outline
Claim block outline
Road
Creek / River
100' elevation contour

Scale: 1:20,000
0 500 1000 2000
metres

094055

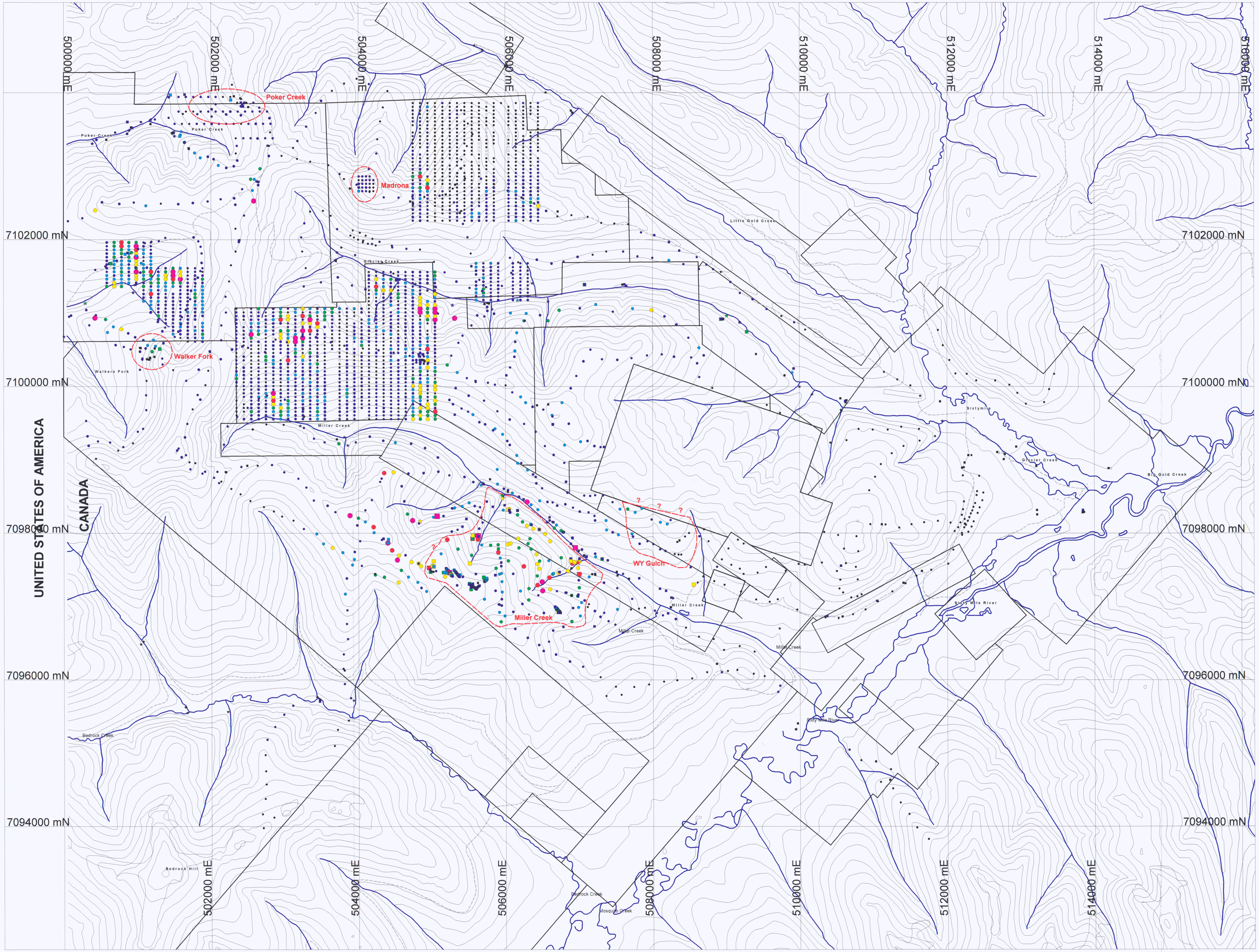
KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

Sixty Mile Project

GOLD GEOCHEMISTRY

Yukon Territory, Canada

Author: RH
Date: Dec. 7, 1999
NTS: 116C/2 & 115N/15
Drawn by: RH
File: Sixty
Projection: NAD27
Figure: 10



LEGEND

Rock Sample Percentiles
for: As___ppm_

0.1	=< 34.4	[<30%]	(104)
34.4	=< 190	[30<60%]	(103)
190	=< 379	[60<80%]	(72)
379	=< 780	[80<90%]	(35)
780	=< 1910	[90<95%]	(17)
1910	=< 5830	[95<98%]	(11)
5830	=< 7150	[98<99%]	(3)
7150	=< 9970	[99% +]	(4)

Stream Sediment Percentiles
for: As___ppm_

1	=< 23.8	[<30%]	(14)
23.8	=< 80	[30<60%]	(15)
80	=< 153	[60<80%]	(10)
153	=< 174	[80<90%]	(5)
174	=< 200	[90<95%]	(2)
200	=< 396	[95<98%]	(2)
396	=< 396	[98<99%]	(1)
396	=< 396	[99% +]	(0)

Soil Sample Percentiles
for: As___ppm_

1	=< 13.2	[<30%]	(298)
13.2	=< 38	[30<60%]	(304)
38	=< 87.2	[60<80%]	(204)
87.2	=< 166	[80<90%]	(101)
166	=< 285	[90<95%]	(50)
285	=< 449	[95<98%]	(30)
449	=< 520	[98<99%]	(10)
520	=< 1685	[99% +]	(11)

1997 Gridded Soil Samples
Percentiles for: As_ppm

0.5063	=< 7.233	[<30%]	(519)
7.233	=< 19.3	[30<60%]	(522)
19.3	=< 36	[60<80%]	(346)
36	=< 56.57	[80<90%]	(175)
56.57	=< 89.39	[90<95%]	(87)
89.39	=< 154	[95<98%]	(52)
154	=< 210.3	[98<99%]	(17)
210.3	=< 1113	[99% +]	(18)

Gold soil anomaly outline
Claim block outline
Road
Creek / River
100' elevation contour

Scale: 1:20,000
0 500 1000 2000
metres

094055

KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

Sixty Mile Project

ARSENIC GEOCHEMISTRY

Yukon Territory, Canada

Author: RH
Date: Dec. 7, 1999
NTS: 116C/2 & 115N/15
Drawn by: RH
File: Sixty
Projection: NAD27
Figure: 11

Dome (zoned)
Note drag features
on NW end.
Mag High/Low
Volcanic
Flat Magnetics
Weak Highs
NW-SE structural
corridor.
(note: many small
magnetic features)
Subtle
High
Magnetic High/Low Signature
Mag High/Low
UNITED STATES OF AMERICA
CANADA
500000 mE
502000 mE
504000 mE
506000 mE
508000 mE
510000 mE
512000 mE
514000 mE
7102000 mN
7100000 mN
7098000 mN
7096000 mN
7094000 mN
7102000
7100000
7098000
7096000
7094000
N
LEGEND
57535.5
57478.4
57459.9
57448.3
57437.0
57425.6
57415.1
57405.6
57395.2
57387.4
57381.6
57375.3
57368.4
57361.0
57352.8
57342.0
57328.8
57313.1
57297.1
57250.6
TMI
nTesla
Gold soil anomaly outline
Claim block outline
Road
Creek / River
100' elevation contour
Scale: 1:20,000
0
500
1000
2000
metres
094055
KENNECOTT CANADA EXPLORATION INC.
VANCOUVER
Sixty Mile Project
TOTAL FIELD MAGNETICS
Yukon Territory, Canada
Author: RH
Date: Dec. 7, 1999
NTS: 116C/2 & 115N/15
Drawn by: RH
File: Sixty
Projection: NAD27
Figure: 12
DIAND - YUKON REGION, LIBRARY


Volcanics
Radiometric Ring Feature ?
K/Th Intermediate
K/Th Very High
K/Th High/Low Variable Signature
K/Th High
K/Th Low
K
UNITED STATES OF AMERICA
CANADA
500000 mE
502000 mE
504000 mE
506000 mE
508000 mE
510000 mE
512000 mE
514000 mE
516000 mE
7102000 mN
7100000 mN
7098000 mN
7096000 mN
7094000 mN
7092000 mN
Poker Creek
Glacier Creek
Walker Fork
Miller Creek
Bedrock Creek
Bedrock Hill
LEGEND
Gold soil anomaly outline
Claim block outline
Road
Creek / River
100' elevation contour
Radiometric Zones
Radiometric Linears
Potassic Rich Areas
Scale: 1:20,000
0 500 1000 2000
metres
094055
KENNECOTT CANADA EXPLORATION INC.
VANCOUVER
Sixty Mile Project
K/Th FILTERED RADIOMETRICS & INTERPRETED LINEARS AND ZONES
Yukon Territory, Canada
Author: RH
Date: Dec. 7, 1999
NTS: 116C/2 & 115N/15
Drawn by: RH
File: Sixty
Projection: NAD27
Figure: 13

094055

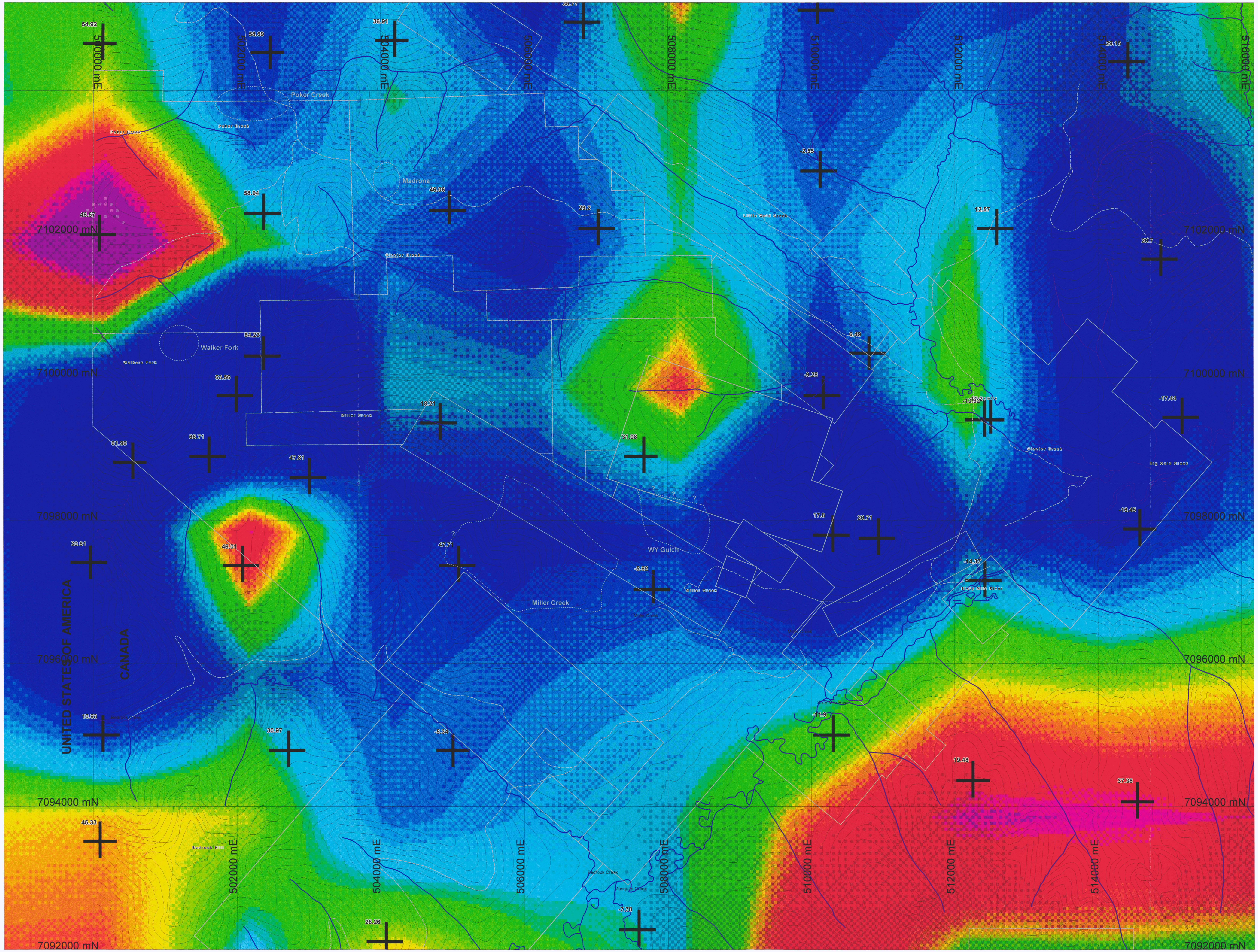
KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

Sixty Mile Project

TERNARY K-Th-U RADIOMETRICS (RGB) & INTERPRETED LINEARS AND ZONES

Yukon Territory, Canada

Author: RH	Date: Dec. 7, 1999
NTS: 116C/2 & 115N/15	Drawn by: RH
File: Sixty	Projection: NAD27
Figure: 14	



LEGEND

Gold soil anomaly outline
Claim block outline
Road
Creek / River
100' elevation contour
Gravity station and reading

Scale: 1:20,000

0 500 1000 2000
metres

094055

KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

Sixty Mile Project

SIMPLE BOUGER GRAVITY
FIRST VERTICAL DERIVATIVE

Yukon Territory, Canada

Author: RH	
Date: Dec. 7, 1999	
NTS: 116C/2 & 115N/15	
Drawn by: RH	
File: Sixty	
Projection: NAD27	**Figure:** 15

REPORT ON THE 1999 GEOLOGICAL GEOCHEMICAL AND GEOPHYSICAL WORK ON THE SIXTY MILE PROJECT

VOLUME II (APPENDICES)

REPORT No.: 99-SIXTY-RPT

Claim Name:	Grant No's.
Sixty 1 - 143	YC12289 - 12431
Sixty 144 - 257	YC13419 - 13532
Bud 1 – 24	YC07222 – 07245
Cici 1 – 34	YB67512 – 67545
Cici 35 – 47	YC07248 – 07260
Creek 1 – 2	YC04560 – 04561
Creek 3 – 26	YC03738 – 03761
Creek 27 – 30	YC05296 – 05299
Creek 31- 38	YC07263 – 07270
Mary 1 – 8	YA47921 – 47928
Mary 9 – 16	YA47937 – 47944
Mary 17 – 24	YA47929 – 47936
Mary 25 – 30	YA55095 – 55100
Mary No. 1	Y90228
WY 1 – 3	YA64267 – 64269
Uni 1- 13	YB67499 – 67511
Uni 14 – 17	YB88049 – 88052
Uni 18 – 40	YB88681 – 88703
Uni 41	YC04559
Uni 42 – 53	YC07371 - 07382
Creek 31-38	YC07263-YC07270
Uni 42-53	YC07371-YC07382

DAWSON MINING DISTRICT, YUKON TERRITORY
NTS 116C/2 & 115N/2

Latitude 64° 01'
Longitude 140° 51'

Work conducted:
July 15, 1998 –September 1st, 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. and Rick Zuran, B.Sc.

December 17, 1999

LIST OF APPENDICES

APPENDIX A

ABBREVIATIONS AND SAMPLE CODES

KENNECOTT CANADA EXPLORATION INC. - CODES

COLOUR

Black	BK
Blue	BL
Brown	BN
Buff	BF
Clear	CL
Gray	GY
Green	GN
Olive	OL
Orange	OR
Pink	PN
Purple	PP
Red	RD
Tan	TA
White	WT
Yellow	YW

INTENSITY

Strong	S
Moderate	M
Weak	W
Trace	T

ROCK SAMPLE TYPE

Bleg	BG
Concentrate	PC
Dmp - Bulk	DB
Dmp - Channel	DP
Dmp - Grab	DG
Dmp - Hi Grade	DH
DRILL - Core	DR
DRILL - Cuttings	DT
Float	FL
Gas	GS
Lake Sediment	LS
Other	OT
Rock	RK
ROCK - Channel	CH
ROCK - Chip	RC
ROCK - Grab	RG
ROCK - High Gra	RH
Soil	SL
Standard	ST
Stream Sed	SS
Vegetation	VG
Water	WT

MINERAL OCCURRENCE

Bedded	BED
Crystalline	XLN
Disseminated	DIS
Groundmass	GRM
Massive	MAS
Phenocyrst	PHN
Porphyroblast	PRB
Porphyroclast	PRC
Pseudomorph	PSU
Replacement	REP
Stockwork	STK
Str. Ctl - Fault	STT
Str. Ctl - Frac.	STF
Str. Ctl - Other	STO
Vein	VEN

MINERALS

Acanthite	ACA
Actinolite	ACT
Adularia	ADU
Ag. sulfosalt	SSS
Albite	ALB
Almandine	ALM
Alunite	ALU
Amphibole	AMP
Anatase	ATS
Andalusite	AND
Anglesite	AGL
Anhydrite	ANH
Ankerite	ANK
Anorthoclase	ANT
Ant. ochre	ANO
Antlerite	ATL
Apatize	APA
Aragonite	ARA
Argentite	ARG
Arsenic ochre	ARO
Arsenopyrite	ARS
Atacamite	ATC
Augite	AUG
Aut.-carnotite	AUC
Azurite	AZU
Barite	BAR
Beryl	BER
Biotite	BIO
Bismuthinite	BIS
Boehmite	BOE
Bornite	BOR
Boulangerite	BOU
Bournonite	BOU
Brookite	BRO
Brucite	BRU
Bytownite	BYT
Calaverite	CAL
Calcite	CAL
Carbon	CBN
Carnalite	CRN
Carnotite	CNT
Cassiterite	CAS
Celestite	CEL
Cerargyrite	CAR
Cerussite	CER
Chalcanthite	CHT
Chalcedony	CDY
Chalcocite	CHA
Chalcopyrite	CPY
Chlorite	CHL
Chondrodite	CMN
Chromite	CHR
Chrysocolla	CCA
Cinnabar	CIN
Clay	CLA
Clinopyrox.	CPX
Clinozoisite	CLZ
Cobaltite	COB
Columbite	CLM
Copper	CUU
Copper oxide	COX
Cordierite	CRD
Corundum	COR
Covellite	COV
Crysoberyl	CRB
Crystoballite	CRY
Cummingtonite	CMM
Cuprite	CPR
Cyrolite	CRO
Diamond	DIA
Diaspore	DSP
Dickite	DIC
Diopside	DIO
Dolomite	DOL
Electrum	ELE
Enargite	ENA
Enstatite	ENS
Epidote	EPI
Epsonite	EPS
Erythrite	ERY
Exot. Geoth.	EXG
Exot. Hemat.	XHM
Exot. Jaros.	EXJ
Famatinite	FAM
Fayalite	FAY
Feldspar	FEL
Fluorite	FLU
Franklinite	FRN
Fuchsite	FUC
Galena	GAL
Garnet	GAR
Geothite	GOE
Gersdorffite	GER
Gibbsite	GIB
Glaucophane	GAU
Gold	AUU
Graphite	GRA
Greenorite	GEE
Gypsum	GYP
Haematite	HEM
Halite	HAL
Hornblende	HOR
Hubnerite	HUB
Hypersthene	HTH
Idocrase	IDO
Illite	ILL
Ilmenite	ILM
Ilvaite	ILV
Iron oxide	FEX
Jamesonite	JAM
Jarosite	JAR
Johannsenite	JOH
K-fledspar	KFE
Kaolinite	KAO
Kyanite	KYA
labradorite	LAB
Lazurite	LAZ
Lead oxide	PBX
Leucite	LEU
Limonite	LIM
M+B740arcasite	MAR
Magnesite	MGT
Magnetite	MAG
Malachite	MAL
Mang. oxide	MNX
Manganite	MAN
Marble	MBL
Mariposite	MRP
Medenbergite	HED
Melanterite	MNT
Mercury	HGG
Miargyrite	MIA
Microcline	MIC
Millerite	MIL
Moly oxide	MDX
Molybdenite	MDL
Monazite	MNZ
Montmorillonite	MON
Muscovite	MUS
Natrolite	NAT
Naumannite	NAU
Neotieite	NEO
Nepheline	NPH
Niccolite	NIC
Nickel bloom	NIB
Nickeline	NKL
Nontronite	NON
Olivine	OLI
Opal	OPL
Orpiment	OPR
Orthoclase	ORT
Orthopyrox	OPX
Other	OTH
Oxides	OXD
Paragonite	PAR
Pentlandite	PEN
Phengite	PHE
Phlogopite	PHL
Plagioclase	PLA
Polybasite	PBS
Powellite	POW
proustite	PRU
Psilomelane	PSI
Pyrite	PYY
Pyrochlore	PYC
Pyrogyrite	PGY
Pyrolusite	PLU
Pyromorphite	PMO
Pyrope	PYR
Pyrophyllite	PYP
Pyroxene	PYX
Pyrrhotite	PYT
Quartz	QTZ
Realgar	REA
Rhodochros	RHO
Rhodonite	RHD
Ruby silver	RSI
Rutile	RUT
Samarskite	SAM
Sanidine	SAN
Scapolite	SCA
Scheelite	SCH
Sericite	SEC
Serpentine	SER
Siderite	SID
Silica	SIL
Silimanite	SLL
Silver	AGG
Silver halide	AGH
Smaltite	SMA
Smithsonite	SMS
Sodalite	SDA
Specularite	SPU
Sphalerite	SPH
Sphene	SPH
Spinel	SPN
Staurolite	STA
Stibiconite	SBC
Stibnite	STI
Stilbite	STB
Strontianite	STT
Sulfide	SFD
Sulfur	SUL
Sylvanite	SYV
Sylvite	SVT
Talc	TAL
Tellurides	TEL
Tennanite	TEN
Tenorite	TRT
Tetrahadrite	TET
Topaz	TOP
Torbernite	TOR
Tourmaline	TOU
Tremolite	TRE
Turoquoise	TUR
Uraninite	URA
Vanadinite	VAN
Wavelite	WAV
Witherite	WIT
Wolfastonite	WLL
Wolframite	WOL
Wulfenite	WUL
Xenotime	XEN
Zeolite	ZEO
Zinc oxide	ZNX
Zirocn	ZIR
Zoisite	ZOI
Zunyite	ZUN

KENNECOTT CANADA EXPLORATION INC. - CODES

ROCKS

Agglomerate	AGG
Alaskite	ALK
Albitite	ALB
Alluvium	ALV
Amphibolite	AMP
Andesite	AND
Ankerite	ANK
Anorthosite	ANO
Anthracite	ANT
Aplite	APL
Arenite	ARE
Argillite	ARG
Arkose	ARK
Banded Iron Fm	BIF
Basalt	BAS
Bauxite	BAU
Bentonite	BEN
Bneiss	GNE
Boundstone	BST
Breccia	BXX
Bx. - Collapse	BXC
Bx. - Hydroth.	BXH
Bx. - Intrusive	BXV
Bx. - Sed.	BXN
Bx. - Sin	BXL
Bx. - Tectronic	BXT
Calcite	CLT
Caliche	CAL
Carbonatite	CBT
Cataclasite	CAT
Chalk	CHK
Chart	CHT
Clay	CLY
Claystone	CLS
Coat	COL
Colluvium	CLV
Conglomerate	CNG
Coquina	COQ
Dacite	DAC
Diabase	DIA
Diatomaceous	DIE
Diorite	DIO
Dolomite	DOL
Dunite	DUN
Eclogite	ECL
Evaporite	EVP
Exhalite	EXH
Farricrete	FEC
Gabbro	GAB
Gossan	GOS
Gouge	GOU
Grainstone	GRA
Granite	GNT
Granodiorite	GRD
Granophyre	GRP
Granulite	GRL
Gravel	GRV
Graywacke	GWK
Greenstone	GRS
Hornblendite	HBT
Hornfels	HNF
Ignimbrite	IGN
Iron fm	IFM
Jasperoid	JAP
Keratophyre	KER
Kimberlite	KIM
Komatiite	KOM
Lahar	LAH
Lamproite	LMP
Lamprophyre	LAM
Laterite	LTR
Latite	LAT
Lignite	LIG
Limestone	LST
Limonite	LIM
Loess	LOS
Mafic	MAF
Marble	MRB
Marl	MRL
Mass. Sulf.	MSF
Meta. Sed.	MTS
Meta. Volc.	MTV
Metachert	MTC
Micrite	MIC
Migmatite	MIG
Monzonite	MNZ
Mud	MUD
Mudstone	MDS
Mylonite	MYL
Neph. Syen.	NSY
Norite	NOR
Outwash	OTW
Packstone	PKS
Pegmatite	PGM
Pelite	PEL
Peridotite	PER
Perlite	PRL
Phonolite	PHN
Phyllite	PHY
Porphyry	POR
Pumice	PUM
Pyroxenite	PXX
Qtz Monzonite	QMZ
Quartz	QTZ
Quartz Latite	QLT
Quartzite	QZT
Rhyodacite	RYD
Rhyolite	RHY
Sand	SAD
Sand & Grav.	S&G
Sandstone	SST
Saprolite	SAP
Schist	SCH
Schist - Calc	SHC
Serpentinite	SRP
Shale	SHL
Shonkite	SHK
Shoshonite	SHS
Siderite	SID
Siltstone	SLT
Sinter	SNT
Skarn	SKR
Slate	SLA
Stockwork	SWK
Syenite	SYE
Syenodiorite	SYD
Terrace Gravels	TRG
Tholeiite	THL
Till	TIL
Tonolite	TON
Trachyand	TRA
Trachybas	TRB
Trachyte	TRY
Travertine	TRT
Tufa	TFA
Tuff	TUF
Ultramafic	ULM
Vein	VEN
Volcaniclastic	VLC
Wackstone	WAK

ROCK MODIFIERS

Actinolite	ACT
Agglomerate	AGG
Air fall	TAR
Air Fall Tuff	AIR
Alaskite	ALK
Alb-Epi-Hornf.	AEH
Albitite	ALB
Algal Strux	ALS
Amphib. facies	AMF
Amphibole	AMP
Amphibolite	AMT
Andalusite	ANU
Andesite	AND
Angular clasts	ANC
Anorthosite	ANO
Anthracite	ANT
Apatite	APAP
Aphanitic	APH
Aplitic	APL
Arenite	ARE
Argillaceous	ARG
Arkosic	ARK
Ash flow	TAF
Ash Flow Tuff	AFT
Augite	AUG
Autobreccia	ABX
Balls & Pillows	BAP
Banded	BAN
Basic	BAS
Bd-Cross	BCR
Bd-Epsilon	BCB
Bd-Flaser	BFL
Bd-Graded	BGR
Bd-Lentic.	BLN
Bd-Massive	BMV
Bd-Med.	BME
Bd-Parallel	BPL
Bd-Planar	BLL
Bd-Thick	BTH
Bd-Thin	BTN
Bd-Wavy	WAB
Bedded	BED
Bentonite	BEN
Bimodal	BIM
Bioclastic	BIO
Biotite	BIO
Bioturbated	BIT
Blocky	BLK
Bouldery	BDY
Breccia	BXX
Breccia Pipe	BXP
Brecciated	BRX
Bright	BRT
Burrowed	BUR
Bx - Collapse	BXC
Bx - Hydroth.	BXH
Bx - Intrusive	BXV
Bx - Sed.	BXN
Bx - Soln	BXL
Bx - Tectonic	BXT
Bytownite	BYT
Calcareous	CAL
Calcareous	CLC
Calcite	CLT
Caliche	CLH
Carbon	CBN
Carbonatite	CBT
Cataclasite	CAT
Channels	CHA
Cherty	CHE
Chlorite	CHL
Cilst.-Clst sup.	CCL
Cinder	CIN
Clast supported	CLS
Clast-supported	CSP
Clay	CLY
Clay	CLA
Clay pebbles	CLP
Climbing Ripples	CLR
Clst.-Angular	CAN
Clst.-Bio.	CBI
Clst.-Mat. sup.	MSU
Clst.-Mixed	CLM
Clst.-Poor srt.	CPS
Clst.-Round	ROC
Clst.-Unsrt.	UNS
Clst.-Well srt.	WEL
Coarse grained	CRG
Cobbly	COB
Colluvium	CLV
Columnar	CLN
Columnar	COL
Concretions	CNC
Conglomeratic	CNG
Contact metamor.	COM
Convoluted lamin.	COL
Coquins	COO
Corundum	COR
Cross-bedded	CRB
Crystalline	CRY
Crystalline	XLT
Dacite	DAC
Devitrified	DEV
Diabase	DIA
Dike	DIK
Diopside	DIO
Diorite	DIR
Dish structures	DIS
Dolomite	DOL
Dome	DOM
Dunite	DUN
Eclogite	ECF
Epi-Amph.	EAF
Epidote	EPI
Epsilon x-bedded	ECB
Equigranular	EQU
Evaporite	EVP
Exhalative	EXH
Extr.-Flow	FLO
Extr.-Pillow	PIL
Extr.-Trachy.	TRA
Extr.-Welded	WEL
Fault gouge	FAG
Feldspathic	FEL
Ferruginous	FER
Fine grained	FIG
Flame str.	FLS
Flaser bedding	FLB
Flow Banded	FLD
Fluid escape pipe	FEP
Fluidized	FLU
Flute casts	FLC
Fossiliferous	FOS
Friable	FRI
Fuchsite	FUC
Gabbro	GAB
Garnet	GAR
Glassy	GLA
Glauc-schist	GSF
Gneissose	GNE
Gossanous	GOS
Gouge	GOU
Graded Bedding	GRB
Granite	GNT
Granodiorite	GRD
Granophyre	GRP
Granulite	GRF
Graphite	GRA
Graphitic	GRA
Gravel	GRV
Grawacke	GWK
Greenschist	GSS
Greenstone	GRS
Grn-Coarse	GNC
Grn-Equigran.	GEO
Grn-Fine	GNF
Grn-Med.	GRM
Groove Casts	GRC
Haematite	HEM
Hard	HAR
Hmbind-hrnfls	HHF
Hornblende	HOR
Hornfetsed	HFD
Hydrothermal	HYD
Hydrothermal bre	HYB
Idocrase	IDO
Ign.-Acid	IAD
Ign.-Basic	IBA
Ign.-Devitrified	IDV
Ign.-Flow band.	IFB
Ign.-Intrus.	IIN
Ign.-Pegmat.	IPG
Ign.-Plug	PLG
Ign.-Pluton	IPL
Ign.-Porphy.	IPO
Ign.-Ultrabas.	ULB
Ignimbrite	IGN
Intermediate	INT
Intrusive - Sill	ISL
Jasperoid	JAP
Jointed	JOI
K-feldspar	KFE
Karst	KAR
Keratophyre	KER
Kimberlite	IIM
Komatite	KOM
Kyanite	KYA
Lahar	LAH
Lam.-Conv.	LCN
Lam.-Parall.	LLP
Laminated	LAM
Lamprolite	LMP
Lamprophyre	LPH
Latite	LAT
Leached	LEA
Lenticular Beddin	LEB
Lignite	LIG
Limestone	LST
Lineated	LIN
Lithic	TLI
Lithic	LIT
Lithographic	LTH
Lithographic	LIG
Load clasts	LOC
Mafic	MAF
Magnetite	MAG
Marble	MRB
Mariposite	MRP
Mass. Sulf.	MSF
Massive bedding	MAB
Matrix supported	MSP
Medium bedding	MEB
Medium grained	MEG
Megacrystic	MEG
Metamorph.	MET
Metasomatic	MET
Miarolitic	MIA
Miarolitic	MIA
Micaceous	MIC
Micritic	MCR
Migmatitic	MIG
Milky	MIL
Monzonite	MNZ
Mud	MUD
Muscovite	MUS
Mylonite	MYL
Norite	NOR
Olivine	OLI
Oolitic	OOL
Opal	OPL
Orthoclase	ORT
Other	OTH
Outwash	OTW
Oxidized	OXI
Packstone	PKS
Pebbly	PEB
PegmatitIC	PEG
Pellet(oid)	PLD
Pellite	PEL
Peridotite	PER
Perlite	PRL
Phlogopite	PHL
Phonolite	PHN
Phreato-Mag.	PHM
Phyllitic	PHY
Plagioclase	PLA
Platy	PTY
Pluton	PLT
Polymictic	PLM
Porcelain	PCL
Porcelaineous	PCL
Porphyritic	POY
Prehn-Pump. Fac	PPF
Pumiceous	PUM
Pyrite	PYY
Pyroclastic	PYR
Pyroclastic	PRC
Pyrophyllite	PYP
Pyroxene	PYX
Quartz	QTZ
Quartzose	QTS
Quartzose	QTS
Re-xtal	REC
Regional metamo	RME
Repl.	REP
Rhyodacite	RYD
Rhyolite	RHY
Ripple marks	RIM
Rutile	RUT
Sand&Gravel	S&G
Sandstone	SST
Sandy	SDY
Sandy	SAN
Sanidine	SAN
Schistose	SCH
Scoriaceous	SCO
Scoured	SCS
Sericite	SEC
Serpentine	SER
Serpentinized	SRP
Shaly	SHA
Sheared	SHD
Silica	SIL
Siliceous	SLS
Sill	SLL
Silty	SLT
Sintery	SNT
Soft	SFT
Soft-sed def.	SSD
Sol'n Struc	SOS
Sorted	SOR
Sparry	SPA
Spherulitic	SPR
Staurolite	STA
Stilbite	STB
Stock	STK
Stockwork	STO
Syenite	SYE
Talc	TAL
Tephra	TEP
Tholeiitic	THL
Till	TIL
Topaz	TOP

ROCK MODIFIERS CONT'D

Tourmaline	TOU
Trachyte	TRY
Travertine	TRT
Tremolite	TRE
Tufa	TFA
Tuff	TUF
Tuffaceous	TFC
Ultramafic	ULM
Unwelded	UNW
Unwelded	TNW
Vapour phase	VAP
Vein	VEN
Veined	NVND
Vent	VNT
Vitric	TVI
Vitric	VIT
Volc Clastic	VCL
Volcanic	VOL
Vuggy	VUG
Water laid	TWL
Water-lain	WAL
Wollastonite	WLL
Zeolite	ZEO
Zeolite facies	ZEF
Zircon	ZIR

ALTERATION

Actinolite	ACT
Adv. Argillic	AVA
Albitic	ALB
Amphibole	AMP
Argillic	ARG
Barite	BAR
Bauxite	BAU
Biotite	BIO
Bleached	BLE
Calc-silicate	CSI
Carbonization	CAR
Chloritic	CHL
Decalcified	DEC
Depleted	DPL
Dissolution	DSS
Dolomitization	DOL
Endoskarn	ENS
Enriched	ENR
Epidote	EPI
Epithermal	EPT
Exoskarn	EXS
Garnet	GAR
Greenschist fac.	GSS
Greisen	GRE
Hornfelsed	HFD
Hydrothermal	HYD
Hypogene	HYP
Idocrase	IDO
Iron Oxide	FOX
K-spar	KSP
Kaolinitization	KAO
Leached	LEA
Magnetite	MAG
Mn-oxide	MNX
Muscovite	MUS
Opalization	OPL
Other	OTH
Oxidation	OXI
Phyllic	PHY
Potassic	POT
Primary	PRI
Prograde	PRO
Propylitic	PRP
Pyritization	PYR
Pyroxene	PYX
Pyrrhotite	PYT
Qtz-carbonate	QCA
Qtz-chlor.-Ser.	QCS
Qtz-clay	QCL
Qtz-Kspar	QKS
Qtz-sericite	QSE
Qtz-Tourmaline	QTO
Quartz	QTZ
Reduced	RED
Retrograde	RTR
Sanded	SND
Saussuritic	SAU
Secondary	SEC
Sericitic	SER
Serpentine	SER
Serpentinized	SRZ
Si-carbonate	SCA
Siderite	SID
Silification	SLC
Skarn	SKR
Solution	SLN
Spilitic	SPL
Sulfide	SFD
Supergene	SUP
Talc	TAL
Tertiary	TER
Tourmaline	TOU
Tremolite	TRE
Unaltered	UNA
Weathered	WEA
Wollastonite	WLL
Zeolithic	ZEO
Zeolitization	ZEO

STRUCTURE

Blt. - Reverse	FLR
Boxwork	BOX
Bx - Collapse	BXC
Bx - Hydroth.	BXY
Bx - Phreatic	BXH
Bx - Pipe	BXP
Bx - Sed	BXS
Bx - Tectonic	BXT
Cleavage	CLE
Contact	CON
Fault	FLT
Flamme	FIA
Fld-Antiform	FOA
Fld-Synform	FOS
Flow banded	FLB
Flt. - Normal	FLN
Flt. - Oblique	FLO
Flt. - Strike Slip	FSS
Flt. - Thrust	FTH
Folded	FLD
Foliation	FOL
Fractured	FRA
Ft. wall-Ore	FWO
Ft. wall-Strux	FWS
Ft. wall-Vein	FWV
Hng. wall-Ore	HWO
Hng. wall-Strux	HWS
Hng. wall-Vein	HWV
Joints	JOI
Jts.-Blocky	JBL
Jts.-Columnar	JCO
Jts.-Platy	JPL
Lineation	LIN
Other	OTH
Sheared	SHD
Sin Structures	SUS
Soft Sed. Def.	SSD
Stockwork	STK
Vein	VEN
Void Filling	VFL

AGE

Archean	ARC
Cambrian	CAM
Carboniferous	CAR
Cenezoic	CEN
Cretaceous	CRE
Devonian	DEV
Eocene	EOC
Jurassic	JUR
Mesozoic	MES
Miocene	MIO
Mississippian	MIS
Oligocene	OLI
Ordovician	ORD
Paleocene	PAE
Paleozoic	PAL
Pennsylvanian	PEN
Permian	PER
Pleistocene	PLE
Pliocene	PLI
Precambrian	PRC
Proterozoic	PRO
Quarternary	QUA
Recent	REC
Silurian	SIL
Tertiary	TER
Triassic	TRI

APPENDIX B

SAMPLING AND ANALYTICAL PROCEDURES

SAMPLING TECHNIQUES

Soil:

Soil development is mainly dictated by topography. Ridge crests and upper slopes have moderate to poor soil development. Anomalies found on ridges can be considered "in-situ" and reflect the immediate surroundings. Steep side slopes are scree and colluvium covered and soil is poorly developed. Therefore, anomalies on steep slopes reflect residual rock uphill unless taken from a "pocket", in which case the anomaly is very localized. Care was taken in permafrost area to minimize sample dilution by organics.

Samples were collected from surface to 1.0 metre depth using a soil auger approximately every 200 metres along a traverse. Sites were logged in the field using Garmin 12XL GPS and described on standardized Kennecott rock/soil field cards. A –150 um sample was analysed by Chemex Laboratories in North Vancouver by 30gram fire assay (one assay ton) for gold and ICP for 32 elements.

Stream Sediment:

Sand and coarser material dominated streambeds. Most of the samples were collected form creeks that had been reworked by placer gold miners. Lithology varied and reflected the surrounding ridges. Most streams were flowing, mostly at moderate to velocity. Sufficient fine material was found on bars either exposed or at current stream level, under traps like boulders and talus overhangs, and from the underside of moss (moss-mat).

Typically a two person crew did the stream sampling. From one to three kilograms of –2mm sieved material was collected. Sites were logged in the field using GPS and standardized Kennecott stream field cards. The –63um and the –180 to 63 um material was analysed by 30gram fire assay and 32 element ICP. Streams throughout the property were targeted.

Rock:

At least 500 grams consisting of float, subcrop/outcrop grab or outcrop chips were collected at sites showing altered/mineralized rock and/or structure. Sites were logged in the field as per soil samples.

Chemex Labs

Sample Preparation Procedure - Ring Grinding

ROCKS

Method: Grinding

A crushed sample split (200 - 300 grams) is ground using a ring mill pulverizer with a chrome steel ring set. The Chemex specification for this procedure is that greater than 95% of the ground material passes through a 106 micron (Tyler 150 mesh) screen. Grinding with chrome steel may impart trace amounts of iron and chromium into a sample.

Chemex Code	Rush Code	Parameter
208	258	Assay Grade Ring Grind
205	255	Geochemical Ring Grind

Chemex Labs

Sample Preparation Procedure - Crushing

ROCKS

Method: Crushing

The entire sample is passed through a primary crusher to yield a crushed product of which greater than 60% is less than approximately 2mm. A split (split size is determined by the final preparation method and analysis requested) is then taken using a stainless steel riffle splitter.

The crushing code indicates the weight of the original sample.

Chemex Code	Rush Code	Parameter	Sample Weight (lb)	Sample Weight (kg)
226	295	0-3 kg Crush and Split	0 - 6	0 - 3
294	272	4-7 kg Crush and Split	7 - 15	4 - 7
276	293	8-12 kg Crush and Split	16 - 25	8 - 12
273	271	13-18 kg Crush and Split	26 - 40	13 -18
270		19-26 kg Crush and Split	41 - 60	19 - 26
278		27-36 kg Crush and Split	61 -79	27 - 36

Chemex Labs

Sample Preparation Procedure - Sieve Screening

Method: Sieving

Geochemical samples (soils, stream sediments, silts) are dried and then hammered to disaggregate any clumps. The samples are then placed in a stainless steel sieve and shaken from side-to-side until as much minus fraction as possible has been extracted.

The sieve size opening determines which code will be applied.

Chemex Code	Rush Code	Parameter	Opening Size (Microns)	Tyler Mesh Size
*240		Sieve to -10 Mesh	1700	10
3291		Sieve to -20 Mesh	850	20
*203	*243	Sieve to -35 Mesh	425	35
204		Sieve to -60 Mesh	250	60
201	241	Sieve to -80 Mesh	180	80
1338		Sieve to -100 Mesh	150	100
216		Sieve to -150 Mesh	106	150
230		Sieve to -200 Mesh	75	200
254		Sieve to -250 Mesh	63	250
3254		Sieve to -270 Mesh	53	270

***Note:** Samples typically undergo further particle size reduction prior to laboratory analysis.

May 31, 999

Chemex Labs

Fire Assay Procedure - Trace Gold

Sample Decomposition: Fire Assay Fusion
Analytical Method: Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested for ½ hour in dilute nitric acid. Hydrochloric acid is then added and the solution is digested for an additional hour. The digested solution is cooled, diluted to 7.5 ml with demineralized water, homogenized and then analyzed by atomic absorption spectrometry.

International Units:

1998-99
Koc KS

Routine Code	Rush Code	Element	Sample Weight (grams)	Symbol	Detection Limit	Upper Limit
100	990	Gold	10	Au	5 ppb	10,000 ppb
96	1090	Gold	10	Au	0.005 ppm	10 ppm
983	991	Gold	30	Au	5 ppb	10,000 ppb
99	1091	Gold	30	Au	0.005 ppm	10 ppm
494	1209	Gold	30	Au	0.005 g/t	10 g/t
3583		Gold	50	Au	5 ppb	10,000 ppb
3584		Gold	50	Au	0.005 ppm	10 ppm
3594		Gold	50	Au	0.005 g/t	10 g/t

American/English Units:

Routine Code	Rush Code	Element	Sample Weight (grams)	Symbol	Detection Limit	Upper Limit
877	1977	Gold	30	Au	0.0002 oz/ton	0.3 oz/ton

September 8, 1998

Chemex Labs

Fire Assay Procedure - Trace Gold

Sample Decomposition: Fire Assay Fusion
Analytical Method: Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested for ½ hour in dilute nitric acid. Hydrochloric acid is then added and the solution is digested for an additional hour. The digested solution is cooled, diluted to 10 ml with demineralized water and homogenized. The resultant solution is extracted with TIOA/MIBK and then analyzed by atomic absorption spectrometry, with background correction.

Chemex Code	Element	Sample Weight (grams)	Symbol	Detection Limit	Upper Limit
3991	Gold	30	Au	0.001 ppm	1 ppm
1999 → 3993	Gold	30	Au	1 ppb	1,000 ppb

Silts & Soils

June 25, 1999

Chemex Labs

ULTRA TRACE
1999 – ROCKS
– Soils
– Silts

Geochemical Procedure - G132 Package

Sample Decomposition: Aqua Regia Digestion
Analytical Method: Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)
Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

A prepared sample (0.50 grams) is digested with aqua regia for at least one hour in a hot water bath. After cooling, the resulting solution is diluted to 15ml with demineralized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. Following this analysis, the results are reviewed to ensure that base metal concentrations are less than 1%, with the exception of silver, bismuth, and tungsten which have upper analytical limits of 100, 500 and 1000 ppm, respectively. Samples that meet these criteria are then diluted and analysed by ICP-MS. Samples which exceed the Upper Limits as outlined below will be treated as regular G32 digestions and all detection limits will apply as per that method. The analytical results are corrected for inter-element spectral interferences.

Chemex Code		Element	Symbol	Detection Limit	Upper Limit	Analytical Technique
229		ICP-AQ Digestion	n/a	n/a	n/a	
9201	*	Aluminum	Al	0.01%	15 %	AES
9202	*	Antimony	Sb	0.1 ppm	1 %	AES+MS
9203		Arsenic	As	0.2 ppm	1 %	AES+MS
9235		Boron	B	10 ppm	10,000 ppm	AES
9204	*	Barium	Ba	10 ppm	1 %	AES
9205	*	Beryllium	Be	0.05 ppm	100 ppm	AES
9206		Bismuth	Bi	0.01 ppm	1 %	AES+MS
9207		Cadmium	Cd	0.02 ppm	500 ppm	AES+MS
9208	*	Calcium	Ca	0.01%	15 %	AES
9209	*	Chromium	Cr	1 ppm	1 %	AES
9210		Cobalt	Co	0.2 ppm	1 %	AES
9211		Copper	Cu	0.2 ppm	1 %	AES+MS
9212	*	Gallium	Ga	0.1 ppm	1 %	AES+MS
9213		Germanium	Ge	0.1 ppm	500 ppm	MS
9214		Iron	Fe	0.01%	15 %	AES
9215	*	Lanthanum	La	10 ppm	1 %	AES
9216		Lead	Pb	2 ppm	1 %	AES
9217	*	Magnesium	Mg	0.01%	15 %	AES
9218		Manganese	Mn	5 ppm	1 %	AES
9219		Mercury	Hg	0.01 ppm	1 %	AES+MS

May 12, 1999

Chemex Labs

Geochemical Procedure - G132 Package *(con't)*

Chemex Code		Element	Symbol	Detection Limit	Upper Limit	Analytical Technique
9220		Molybdenum	Mo	0.2 ppm	1 %	AES+MS
9221		Nickel	Ni	1 ppm	1 %	AES
9222		Phosphorus	P	10 ppm	1 %	AES
9223	*	Potassium	K	0.01%	10 %	AES
9238	†	Rhenium	Re	0.005 ppm	50 ppm	MS
9224	*	Scandium	Sc	1 ppm	1 %	AES
9237		Selenium	Se	0.5 ppm	1,000 ppm	MS
9225		Silver	Ag	0.02 ppm	100 ppm	AES+MS
9226	*	Sodium	Na	0.01%	10 %	AES
9227	*	Strontium	Sr	1 ppm	1 %	AES
9236		Sulfur	S	0.01 %	5 %	AES
9228		Tellurium	Te	0.05 ppm	500 ppm	MS
9229	*	Thallium	Tl	0.02 ppm	1 %	AES+MS
9230	*	Titanium	Ti	0.01%	10 %	AES
9231	*	Tungsten	W	0.05 ppm	1 %	AES+MS
9232		Uranium	U	0.05 ppm	1 %	AES+MS
9233		Vanadium	V	1 ppm	1 %	AES
9234		Zinc	Zn	2 ppm	1 %	AES

*Elements for which the digestion is possibly incomplete.

†Reported upon request.

MS - Results are from the ICP-MS Scan
AES - Results are from the ICP-AES Scan
AES+MS - Results are a combination of ICP-AES and ICP-MS scans

May 12, 1999

Chemex Labs

1998
Soils, Silts,
Rocks

Geochemical Procedure - G32 Package

Sample Decomposition: Nitric Aqua Regia Digestion
Analytical Method: Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)

A prepared sample (1.00 gram) is digested with concentrated nitric acid for at least one hour. After cooling, hydrochloric acid is added to produce aqua regia and the mixture is then digested for an additional hour and a half. The resulting solution is diluted to 25ml with demineralized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. The analytical results are corrected for inter-element spectral interferences.

Chemex Code		Element	Symbol	Detection Limit	Upper Limit
229		ICP-AQ Digestion	n/a	n/a	n/a
2119	*	Aluminum	Al	0.01%	15 %
2141		Antimony	Sb	2 ppm	1 %
2120		Arsenic	As	2 ppm	1 %
2121	*	Barium	Ba	10 ppm	1 %
2122	*	Beryllium	Be	0.5 ppm	0.01 %
2123		Bismuth	Bi	2 ppm	1 %
557		Boron	B	10 ppm	10,000 ppm
2125		Cadmium	Cd	0.5 ppm	0.05 %
2124	*	Calcium	Ca	0.01%	15 %
2127	*	Chromium	Cr	1 ppm	1 %
2126		Cobalt	Co	1 ppm	1 %
2128		Copper	Cu	1 ppm	1 %
2130	*	Gallium	Ga	10 ppm	1 %
2150		Iron	Fe	0.01%	15 %
2151	*	Lanthanum	La	10 ppm	1 %
2140		Lead	Pb	2 ppm	1 %
2134	*	Magnesium	Mg	0.01%	15 %
2135		Manganese	Mn	5 ppm	1 %
2131		Mercury	Hg	1 ppm	1 %
2136		Molybdenum	Mo	1 ppm	1 %
2138		Nickel	Ni	1 ppm	1 %
2139		Phosphorus	P	10 ppm	1 %
2132	*	Potassium	K	0.01%	10 %

April 9, 1999

Chemex Labs

Geochemical Procedure - G32 Package *(con't)*

Chemex Code		Element	Symbol	Detection Limit	Upper Limit
2142	*	Scandium	Sc	1 ppm	1 %
2118		Silver	Ag	0.2 ppm	0.01 %
2137	*	Sodium	Na	0.01%	10 %
2143	*	Strontium	Sr	1 ppm	1 %
551		Sulfur	S	0.01 %	5 %
2145	*	Thallium	Tl	10 ppm	1 %
2144	*	Titanium	Ti	0.01%	10 %
2148	*	Tungsten	W	10 ppm	1 %
2146		Uranium	U	10 ppm	1 %
2147		Vanadium	V	1 ppm	1 %
2149		Zinc	Zn	2 ppm	1 %

*Elements for which the digestion is possibly incomplete.

Chemex Labs

1999 used for "over limits" on Soils, Silts, Rocks.

Assay Procedure - A30 - Multielement Assay Package

Sample Decomposition: Nitric-HCl Digestion
Analytical Method: Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)

A prepared sample (0.4 gram) is digested with concentrated nitric acid for one half hour. After cooling, hydrochloric acid is added to produce aqua regia and the mixture is then digested for an additional hour and a half. The resulting solution is diluted to volume (100 ml) with demineralized water, mixed and then analyzed by inductively coupled plasma - atomic emission spectrometry. The analytical results are corrected for spectral inter-element interferences.

Chemex Code		Element	Symbol	Detection Limit	Upper Limit
233		Assay AQ-ICP Digestion	n/a	n/a	n/a
4002	*	Aluminum	Al	0.01 %	15 %
4022		Antimony	Sb	10 ppm	1 %
4003		Arsenic	As	10 ppm	5 %
4004	*	Barium	Ba	20 ppm	2 %
4005	*	Beryllium	Be	5 ppm	100 ppm
4006		Bismuth	Bi	10 ppm	5 %
4008		Cadmium	Cd	5 ppm	0.1 %
4007	*	Calcium	Ca	0.01 %	30 %
4010	*	Chromium	Cr	10 ppm	2 %
4009		Cobalt	Co	5 ppm	5 %
4011		Copper	Cu	5 ppm	5 %
4012		Iron	Fe	0.01 %	30 %
4021		Lead	Pb	5 ppm	5 %
4015	*	Magnesium	Mg	0.01%	30 %
4016		Manganese	Mn	10 ppm	5 %
4013		Mercury	Hg	10 ppm	1 %
4017		Molybdenum	Mo	5 ppm	5 %
4019		Nickel	Ni	5 ppm	5 %
4020		Phosphorus	P	0.01 %	1 %
4014	*	Potassium	K	0.01 %	10 %
4023	*	Scandium	Sc	5 ppm	1 %
4001		Silver	Ag	1 ppm	200 ppm
4018	*	Sodium	Na	0.01 %	20 %
4024	*	Strontium	Sr	5 ppm	1 %

Chemex Labs

Assay Procedure - A30 - Multielement Assay Package *(con't)*

Chemex Code		Element	Symbol	Detection Limit	Upper Limit
4026	*	Thallium	Tl	20 ppm	1 %
4025	*	Titanium	Ti	0.01 %	10 %
4029	*	Tungsten	W	20 ppm	1 %
4027		Uranium	U	20 ppm	1 %
4028	*	Vanadium	V	20 ppm	5 %
4030		Zinc	Zn	5 ppm	5 %

*Elements for which the digestion is possibly incomplete.

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 1999

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

Chemex Labs Ltd.
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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 1999

Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

CERTIFICATE A99

(KAVD) - KENNECOTT CANADA, INC.

Project: YUKON GOLD
P.O. #: V060

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

SOIL SAMPLES
1999

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

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

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RECEIVED AUG 1 2 1998

A9826797

Soil Samples

Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

CERTIFICATE A9826797

(KAVD) - KENNECOTT CANADA, INC.

Project: YUKON GOLD
P.O. # : V080

Samples submitted to our lab in Vancouver, BC.
This report was printed on 10-AUG-98.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
216	85	sieve to -150 mesh
202	85	save reject
229	85	ICP - AQ Digestion charge

* 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 1998

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	85	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	85	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	85	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	85	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	85	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	85	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	85	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	85	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	85	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
2126	85	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	85	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	85	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	85	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	85	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	85	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	85	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	85	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	85	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	85	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	85	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	85	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
2138	85	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	85	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	85	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	85	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	85	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	85	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	85	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
2145	85	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	85	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	85	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	85	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	85	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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RECEIVED AUG 28 1998

To: KENNECOTT CANADA, INC.
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Silts - 1998 A98282[illegible]

Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

CERTIFICATE A98[illegible]

(KAVD) - KENNECOTT CANADA, INC.

Project: YUKON GOLD
P.O. #: V080

Samples submitted to our lab in Vancouver, BC.
This report was printed on 24-AUG-1998.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	10	Pulp; prepped on other workorder
229	10	ICP - AQ Digestion charge

* 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
991	10	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	10	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	10	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	10	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	10	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	10	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	10	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	10	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	10	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
2126	10	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	10	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	10	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	10	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	10	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	10	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	10	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	10	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	10	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	10	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	10	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	10	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
2138	10	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	10	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	10	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	10	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	10	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	10	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	10	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
2145	10	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	10	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	10	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	10	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	10	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

APPENDIX C

ROCK SAMPLE DESCRIPTIONS
AND
ANALYTICAL RESULTS

KENNECOTT CANADA EXPLORTAION INC.
SIXTY MILE PROJECT
1999 ROCK SAMPLES

Sample Number	Geol	Samp. Date	Samp. Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR37301A	RZ	7/12/99	RG			NAD 27	7	504843	7100360				QTZ	VEN			WT		OXI	W	
VR37302A	RZ	7/12/99	FL			NAD 27	7	504951	7100323				QTZ	VEN							
VR37303A	RZ	7/12/99	RG			NAD 27	7	504903	7100343				QZT	VUG			GY		OXI	M	
VR37304A	RZ	7/12/99	RG			NAD 27	7	504848	7100338				QZT	GRA	BRX	VUG	GY		OXI	M	
VR37305A	RZ	7/12/99	RK			NAD 27	7	504882	7100441				QZT	VUG			BN	OR	OXI	S	
VR37306A	RZ	7/12/99	FL			NAD 27	7	504824	7100442				QZT	QTZ	VEN	VUG	OR	BN	OXI	M	
VR37307A	RZ	7/13/99	RG			NAD 27	7	505158	7096559				QZT				GY		OXI	W	
VR37308A	RZ	7/15/99	RG			NAD 27	7	508471	7098645				GNT				WT		ARG	M	OXI
VR37309A	RZ	7/15/99	RG			NAD 27	7	508296	7098675				QZT	GRA	QTZ		BK	OR	OXI	M	
VR37310A	RZ	7/15/99	RG			NAD 27	7	508402	7098634				QZT				GY	BN	OXI	S	
VR37311A	RZ	7/15/99	RG			NAD 27	7	507803	7098470				ULM				OR	BN	DOL	M	SLC
VR37312A	RZ	7/15/99	RG			NAD 27	7	507918	7098661				QZT	VEN	QTZ	MUS	BN	QL	OXI	M	
VR37313A	RZ	7/15/99	RK			NAD 27	7	508001	7098585				QTZ	VEN			WT		ARG	S	OXI
VR37315A	RZ	7/17/99	RG			NAD 27	7	511216	7094633				GNT	MUS			WT		CHL	W	
VR37318A	RZ	7/18/99	FL			NAD 27	7	505527	7097233				QZT	GRA	VEN	QTZ	GY		SLC	W	
VR37319A	RZ	7/18/99	FL			NAD 27	7	505527	7097233				QZT	VUG	BRX		OR	BN	OXI	S	
VR37320A	RZ	7/18/99	FL			NAD 27	7	505551	7097310				QZT	BRX	MRP		GY		OXI	W	
VR37321A	RZ	7/18/99	FL			NAD 27	7	505699	7097399				QZT	BRX	QTZ	VUG			OXI	W	
VR37322A	RZ	7/18/99	RC	20	C	NAD 27	7	505549	7097926				QZT	PHY	VUG		WT		SER	S	
VR37323A	RZ	7/18/99	RC	10	C	NAD 27	7	505549	7097926				QTZ	VEN	CAT		WT		OXI	M	
VR37324A	RZ	7/18/99	FL			NAD 27	7	505552	7097969					DIK	QTZ	FEL	WT	TA	KAO	M	
VR37325A	RZ	7/18/99	FL			NAD 27	7	505584	7097971				QTZ				WT				
VR37326A	RZ	7/18/99	FL			NAD 27	7	505626	7097964				QTZ	VEN					OXI	W	
VR37327A	RZ	7/18/99	FL			NAD 27	7	505825	7098361				QZT	VUG			OR	BN	OXI	S	
VR37328A	RZ	7/19/99	FL			NAD 27	7	506890	7097150				QZT	PHY	MUS		TA	BN	OXI		
VR37329A	RZ	7/19/99	FL			NAD 27	7	506712	7096930				QZT	MUS			TA	BN	OXI	W	
VR37330A	RZ	7/19/99	FL			NAD 27	7	506712	7096930				QTZ	VEN			WT		OXI	W	
VR37331A	RZ	7/20/99	FL			NAD 27	7	502452	7103863				QZT	VUG	MUS		GY	TA	SER	W	
VR37332A	RZ	7/20/99	RG			NAD 27	7	502428	7103836				QTZ	VEN			WT				
VR37333A	RZ	7/20/99	RG			NAD 27	7	502437	7103814				QTZ	VEN	BRX		YW	BN	OXI	M	
VR37334A	RZ	7/20/99	RG			NAD 27	7	502452	7103859				QTZ	VEN			YW	WT	OXI	W	
VR37335A	RZ	7/20/99	RG			NAD 27	7	511024	7094885				GNT				WT		OXI	W	
VR37336A	RZ	7/21/99	RC	2	M	NAD 27	7	506002	7104365				PHN				TA	BN	OXI	M	KAO
VR37337A	RZ	7/21/99	RC	1	M	NAD 27	7	506022	7104365					CLY			WT		KAO	S	ARG
VR37338A	RZ	7/21/99	RC	4	M	NAD 27	7	506022	7104365				PHY	GRA			GY	BN	OXI	M	
VR37339A	RZ	7/21/99	RG			NAD 27	7	506893	7103757				AND	POY			TA		ARG	M	
VR37340A	RZ	7/21/99	RC	2	M	NAD 27	7	508155	7102737				PHY	MUS	QTZ	TAL	TA		OXI	M	SER

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR37301A		LIM	1		VAN	5	STF				VEN	270	32	W	mica is gold colored;
VR37302A															SAMPLE IS SUB CROP FLOAT. NUMEROUS QV BOULDERS?
VR37303A		LIM	5	REP	MNX	2	REP				BOX				SAMPLE WAS TAKEN FROM A QZT OUTCROP. THE QZT CONTAINS LIMONITE AND MANGANESE OXIDE. THE TWO MINERALS ARE SECONDARY MINERALS MOST LIKELY OF PYRITE. THESE MINERALS ARE FOUND IN VUGS AND IN BOXWORK WHICH FORMED AS A RESULT OF THE WEATHERING (OXIDATION) OF PYRITE CUBES.
VR37304A		LIM	5	REP	GOE	5	REP								LIMONITE WITHIN THE SAMPLE IS ENCRUSTED IN VUGS AND MOST LIKELY FORMED FROM THE OXIDATION OF PYRITE CUBES. THE SAMPLE WAS TAKEN FROM A CRACKLED BRECCIA QZT WITH OXIDIZED SULFIDES AND GOE.
VR37305A		LIM	10	REP	MNX	5	REP	ARS	1	XLN	BOX				SAMPLE WAS TAKEN FROM A SLUMPED SUB-OUTCROP OF QZT. WITHIN THE OUT CROP THE SULPHIDES HAVE BEEN STRONGLY OXIDIZED, DECOMPOSED AND WEATHERED OUT. AS A RESULT THE OUT CROP HAS A BOXWORK TEXTURE AND THE BOXES ARE FILLED WITH THE REPLACEMENT MINERALS LIMONITE AND MNX. ARSENOPYRITE GRAINS ARE PRESENT IN TRACE AMOUNTS AND ARE SUBHEDRAL IN CHARACTER.e
VR37306A		LIM	5	REP	MUS	3	XLN	MNX	1	REP					SAMPLE IS SIMILAR TO VR37305. MUSCOVITE, LIM AND MNX ARE ALL PRESENT IN VUGS.
VR37307A		LIM	1		MNX	1									QZT OUTCROP WITH LIM AND MNX STAIN. LIM IS ALSO PRESENT IN VUGS.
VR37308A	W	LIM	tr	PSU	PYY	tr	XLN								Limonite: pseudomorphing pyy. In trench, no flag. See RZ-138.
VR37309A		LIM	2	STF	GRA	29									Limonite: along fractures. Graphite: sheets. Taken in trench.
VR37310A		LIM	5		MNX	5									Lim and mnx occurrence: CLE. Adjacent 2x2m patch of GRN-QTZ?
VR37311A	M	DOL	10		CAL	3		PYY	2	DIS					Qtz-iron-carb altered rock. Listwanite? RZ-141
VR37312A		LIM	5	PSU											X-cutting qtz veinlets in phy-qzt+mus rock. In trench approx 200m long @ 130.
VR37313A	M	CAL	tr	STF	MNX	3	STF	PYY	tr	STF					Rock type modifer: CDY. Calcite? MNX: dendritic pyrolusite. PYY: in vein. In different trench than 37314. N trench 5m to N of 37314 - trench 75m long. 10m SE is contact with listwanite. Wall rock argillacially altered.
VR37315A															
VR37318A		GRA	5												Float size: 30x30x30cm. Graphite occurrence: CLE. Cross-cutting qtz veinlets (<10mm). QZT+gra with local stylotites.
VR37319A		LIM	10	STO	MNX	3	STO								Limonite and MNX occurrence: VUG. Very vuggy, pitted. High percentage of oxides. Differentially weathered.
VR37320A		LIM	5												Rock type mod: OSF.
VR37321A		LIM	5												Lim occur: VUG.
VR37322A															20cm sample. Wall rock to 37323.
VR37323A		ARS	tr	XLN							VEN	280	80	M	Rock modifier: BOU. Arsenopyrite: striated xls.
VR37324A		ARS	tr	XLN	ARO	tr									Intrusive? Dyke? Feldspathic? Scorodite staining. 4m downslope from RZ-14B. Altered FEL rock DIK?
VR37325A		ARS	1	XLN											Arsenopyrite: cog.
VR37326A		ARS	1	XLN											Arseno: cog. 2cm patch ARS in blocky talus.
VR37327A		LIM	10	STO	MNX	5	STO								Lim and mnx occurrence: vug.
VR37328A		LIM	5	VEN											Foliated. Lim: 1-3mm. Rock sample chips - C horizon - from anomalous soil #53194,5 hole. Deformed FOL in rocks.
VR37329A															Foliated. @ soil anomaly 83138. Float grab of MUS QZT + QTZ ven. Old soil pit (1x1m) near sample.
VR37330A		PYY	tr	XLN	GAL	tr	XLN								Float sample: 25x10x10cm. PYY - cubes. GAL?: CLE. Fractures filled with LIM CLY. Fetid smelling QTZ. Red-pink clay noted.
VR37331A		LIM	1												Float sample: 20x10x20cm. Lim occurrence: vug.
VR37332A		JAR	3	STF							VEN	080	72	M	Qtz: massive. JAR: fetid smell.
VR37333A		LIM	1		MNX	3		JAR	1						Rock modifier: "crackled". LIM/MNX/JAR occurrence: VUG. Pod? No attitude.
VR37334A		LIM	2		MNX	2					VEN	090	74	M	LIM and MNX occur: stains.
VR37335A															Leucocratic. By road in bulldozed area. Near VR58656. Plowed subcrop.
VR37336A	W	LIM	3												Sample: 2m chip. Limonite occurrence: stain. Rock is foliated. RZ-156.
VR37337A	S	CLA	50		KAO	50									Sample: RC, 1m. Rock type: FLT. Gouge. RZ-156.
VR37338A		PYY	tr	DIS	LIM	3									Sample: rock chip, 4m. Limonite occurs as staining. RZ-156.
VR37339A															Occasional qtz veins noted.
VR37340A	M	TAL	10								FOL	038	52		Sample rock chip, 2m. Talc is foliated. First joint set: 3/m. Second joint set: 5/m.

Sample Number	Assay Cert	Au ppb	Ag ppm	Al %	As ppm	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 %
VR37301A	A9923452	-5	0.4	0.14	40.2	-10	10	-0.05	1.09	-0.01	0.02	0.8	193	37.4	1.07	0.5	-0.1	0.01	0.01	-10	0.04	20	1.8	-0.01
VR37302A	A9923452	-5	0.18	0.08	46.2	-10	10	-0.05	0.03	-0.01	0.18	4.4	208	24.6	1.06	0.3	-0.1	-0.01	0.01	-10	-0.01	145	5.4	-0.01
VR37303A	A9923452	-5	0.08	0.41	10.8	-10	50	0.15	0.04	0.01	0.36	7.2	145	28.2	1.77	1.3	-0.1	-0.01	0.07	-10	0.09	1030	1.6	0.01
VR37304A	A9923452	-5	0.32	0.48	71.8	-10	120	0.3	0.16	-0.01	0.14	5.6	172	49.6	3.77	1.6	-0.1	0.01	0.12	-10	0.07	120	8.2	0.01
VR37305A	A9923452	-5	0.84	0.22	202	-10	40	0.2	0.35	-0.01	0.78	14.6	131	121.5	5.12	0.6	-0.1	0.03	0.07	-10	0.01	1290	1.8	0.01
VR37306A	A9923452	-5	1.38	0.64	110	-10	50	0.25	0.12	-0.01	0.48	10.4	191	78.7	2.59	1.5	-0.1	0.01	0.06	-10	0.15	540	5.8	0.01
VR37307A	A9923452	200	1.44	0.15	209	-10	490	0.1	0.2	0.01	0.04	0.6	142	6.4	1.19	0.6	-0.1	0.96	0.09	-10	-0.01	30	1.4	0.01
VR37308A	A9923568	-5	0.06	0.38	1.4	-10	30	0.35	0.03	0.07	-0.02	0.6	109	3.2	0.72	1.3	-0.1	0.11	0.13	30	0.01	85	2.8	0.01
VR37309A	A9923568	5	0.36	0.59	101.5	-10	550	0.6	0.18	0.01	0.2	6	88	119.5	6.04	1.1	-0.1	0.05	0.1	-10	0.01	80	23.8	0.01
VR37310A	A9923568	5	0.42	0.23	50	-10	200	0.25	0.16	0.01	0.04	1.8	159	13.8	1.95	0.7	-0.1	0.03	0.1	-10	0.01	85	8.6	0.01
VR37311A	A9923568	-5	0.16	0.07	243	-10	160	0.3	0.09	8.46	0.66	56.4	203	18.2	3.34	0.3	-0.1	0.03	0.01	-10	7.94	1125	1.4	-0.01
VR37312A	A9923568	85	1.08	0.18	168.5	-10	310	0.25	0.11	0.74	0.26	4.4	190	10.4	1.47	0.6	-0.1	-0.01	0.09	-10	0.08	710	6.6	-0.01
VR37313A	A9923568	-5	0.52	0.13	24.6	-10	50	0.05	0.48	1.28	0.06	4.8	180	13.4	0.82	0.3	-0.1	-0.01	0.02	-10	0.2	1230	5.4	-0.01
VR37315A	A9923863	-5	0.02	0.3	0.6	-10	10	0.25	0.16	0.38	-0.02	0.6	92	4	0.3	1.1	-0.1	-0.01	0.18	-10	0.02	65	2.4	0.04
VR37318A	A9923863	-5	0.24	0.07	38.8	-10	90	0.05	0.2	-0.01	-0.02	0.4	149	9.2	0.57	0.4	-0.1	0.01	0.03	-10	-0.01	15	4.8	-0.01
VR37319A	A9923863	185	2.14	0.31	1235	-10	160	0.1	1.57	0.01	0.38	1.2	85	108	11.8	2.1	-0.1	2.2	0.06	-10	-0.01	20	4.2	-0.01
VR37320A	A9923863	30	0.82	0.16	352	-10	310	0.05	0.2	-0.01	0.04	0.8	146	63.3	4.4	0.9	-0.1	1.1	0.03	-10	-0.01	20	3.2	-0.01
VR37321A	A9923863	165	4.06	0.23	792	-10	510	0.05	0.16	-0.01	0.02	0.8	153	89	4.57	5.3	-0.1	0.73	0.04	-10	-0.01	20	5.6	-0.01
VR37322A	A9923863	-5	1.6	0.43	6540	-10	180	0.5	0.58	0.01	1.2	4.4	89	78	3.63	1	-0.1	0.05	0.27	10	0.03	85	3.6	0.01
VR37323A	A9923863	-5	0.12	0.04	1100	-10	10	-0.05	0.14	-0.01	0.22	1.4	189	14.4	0.71	0.1	-0.1	0.03	0.01	-10	-0.01	25	4.2	-0.01
VR37324A	A9923863	30	0.58	0.84	3980	-10	110	0.6	0.27	0.09	0.64	6.4	56	124	6.87	1.8	0.1	0.04	0.15	10	0.03	80	12.8	0.04
VR37325A	A9923863	-5	0.14	0.05	1530	-10	10	-0.05	0.07	-0.01	0.02	1.2	177	38.2	0.5	0.1	-0.1	-0.01	0.02	-10	-0.01	25	3.6	-0.01
VR37326A	A9923863	210	0.18	0.07	7330	-10	10	0.05	0.09	-0.01	0.3	8.2	146	22.8	1.61	0.1	-0.1	-0.01	0.03	-10	-0.01	65	3.4	-0.01
VR37327A	A9923863	-5	0.18	0.13	52	-10	10	-0.05	0.07	0.01	0.1	11.4	127	35.8	6.18	0.4	-0.1	-0.01	0.03	-10	0.01	320	3.4	-0.01
VR37328A	A9923863	-5	0.16	0.41	27.4	-10	240	0.35	0.17	0.03	0.16	1.2	86	5	0.72	1.3	-0.1	-0.01	0.18	30	0.04	190	1.2	0.03
VR37329A	A9923863	1140	0.46	0.38	2300	-10	270	0.65	0.2	-0.01	0.36	0.2	82	3	0.77	1.3	-0.1	-0.01	0.32	40	0.01	30	2.2	0.03
VR37330A	A9923863	120	0.28	0.06	91.6	-10	40	-0.05	0.12	-0.01	0.06	0.4	156	4.8	0.59	0.1	-0.1	-0.01	0.02	-10	-0.01	30	2.4	0.01
VR37331A	A9924184	-5	0.14	0.11	9.4	-10	100	0.05	0.16	0.01	-0.02	0.6	108	2.2	0.38	0.3	-0.1	-0.01	0.05	-10	-0.01	20	0.8	-0.01
VR37332A	A9924184	5	0.4	0.02	66.2	-10	30	-0.05	0.15	-0.01	0.04	0.8	156	2.4	0.51	0.1	-0.1	0.16	0.03	-10	-0.01	15	1.8	-0.01
VR37333A	A9924184	10	0.14	0.1	336	-10	50	-0.05	0.03	-0.01	0.18	4.2	121	41.2	3.08	0.4	-0.1	0.04	0.01	-10	-0.01	155	1.4	-0.01
VR37334A	A9924184	-5	0.02	0.04	57.2	-10	10	-0.05	-0.01	-0.01	0.04	1	163	4.4	0.57	0.1	-0.1	-0.01	0.01	-10	-0.01	45	0.6	-0.01
VR37335A	A9924184	-5	-0.02	0.31	1.6	-10	100	0.15	0.03	0.08	-0.02	0.6	78	0.8	0.4	1.1	-0.1	0.03	0.1	-10	0.05	40	0.2	0.07
VR37336A	A9924184	-5	0.06	2.98	2.8	-10	560	0.9	0.04	0.37	0.36	32.2	139	25.2	6.84	8.9	0.1	0.01	0.09	-10	2.07	415	1.2	0.02
VR37337A	A9924184	-5	0.08	0.54	4.4	-10	100	1	0.04	6.71	0.28	43.4	25	16.8	4.7	1.2	-0.1	0.04	0.18	-10	3.01	2160	0.6	-0.01
VR37338A	A9924184	-5	0.4	0.85	3.4	-10	110	0.7	0.23	0.61	0.34	16.8	91	76.2	3.66	2.6	0.1	-0.01	0.2	20	0.68	905	5	-0.01
VR37339A	A9924184	-5	-0.02	0.35	-0.2	-10	860	1.2	-0.01	3.47	0.12	6.4	27	6.6	2.1	1.1	-0.1	0.03	0.15	10	0.96	780	0.4	0.04
VR37340A	A9924184	80	0.22	0.23	3.6	-10	60	0.45	0.11	0.51	0.26	3.4	128	41.2	1.55	0.6	-0.1	0.01	0.12	-10	0.2	160	1.2	-0.01

Sample	Ni	P	Pb		Sb	Sc	Se	Sr	Te		Tl	U	V	W	Zn	Analytical
Number	ppm	ppm	ppm	S %	ppm	ppm	ppm	ppm	ppm	Ti %	ppm	ppm	ppm	ppm	ppm	Notes
VR37301A	5	290	40	0.01	0.3	-1		-1	0.05	-0.01	-0.02	0.5	5	0.25	24	
VR37302A	11	130	2	-0.01	0.5	-1		1	-0.05	-0.01	0.02	0.4	6	0.45	46	
VR37303A	33	240	-2	-0.01	0.5	1		4	-0.05	-0.01	0.02	1.25	15	0.2	168	
VR37304A	64	1260	6	0.01	16.2	1		10	0.1	-0.01	0.06	4.3	29	0.35	346	
VR37305A	35	510	38	-0.01	1.7	1		1	0.15	-0.01	0.18	1.05	4	0.2	118	
VR37306A	24	550	26	-0.01	1.4	1		4	0.05	-0.01	0.1	1.35	18	0.35	92	
VR37307A	2	1050	28	0.09	41.1	1		49	0.1	-0.01	0.4	0.25	8	0.55	2	
VR37308A	2	-10	6	0.01	0.2	1		5	-0.05	-0.01	0.02	0.85	-1	0.25	10	
VR37309A	36	400	6	0.01	2.3	3		42	0.05	-0.01	0.06	7	25	0.6	112	
VR37310A	8	230	8	-0.01	1.2	2		93	0.05	-0.01	0.06	0.85	25	0.6	30	
VR37311A	753	150	-2	0.26	2.5	6		699	0.2	-0.01	0.24	0.25	4	0.65	20	
VR37312A	35	560	10	-0.01	0.8	1		35	-0.05	-0.01	0.04	0.4	6	0.35	38	
VR37313A	22	70	22	0.06	1.7	1		26	-0.05	-0.01	-0.02	0.2	3	0.35	28	
VR37315A	1	30	8	-0.01	-0.1	-1	-0.5	11	-0.05	-0.01	0.06	0.55	-1	0.05	4	
VR37318A	3	90	16	-0.01	1.7	-1	0.5	10	-0.05	-0.01	0.02	0.35	10	0.6	-2	
VR37319A	5	1920	94	0.04	269	-1	13	25	1.2	-0.01	0.14	0.85	91	1.85	14	
VR37320A	3	850	52	0.02	37.4	-1	4	49	0.1	-0.01	0.08	1.75	10	2.75	6	
VR37321A	3	500	56	0.03	44.9	1	21.5	82	0.2	-0.01	0.12	1.3	26	1.75	2	
VR37322A	20	350	356	0.14	1.4	1	2.5	13	0.95	-0.01	0.62	1.65	8	0.65	168	
VR37323A	5	30	24	0.03	0.9	-1	0.5	1	0.15	-0.01	0.06	0.2	1	0.25	20	
VR37324A	37	2030	18	0.3	0.8	3	2.5	32	0.25	-0.01	0.3	5.75	14	0.3	256	
VR37325A	4	50	6	0.05	0.6	-1	0.5	1	0.05	-0.01	0.02	0.15	1	0.2	6	
VR37326A	16	230	46	0.37	2.2	-1	3.5	4	0.55	-0.01	0.06	0.3	1	0.2	6	
VR37327A	24	510	24	0.01	5.5	3	0.5	1	0.05	-0.01	0.06	1.2	8	0.25	252	
VR37328A	4	50	22	0.01	0.3	1	-0.5	10	-0.05	-0.01	0.06	1.15	1	0.15	36	
VR37329A	1	30	60	0.08	0.7	-1	-0.5	8	-0.05	-0.01	0.08	2.6	-1	0.35	32	
VR37330A	3	-10	44	0.06	0.4	-1	-0.5	3	-0.05	-0.01	-0.02	0.6	-1	0.25	20	
VR37331A	4	100	2	0.01	0.4	-1	-0.5	5	-0.05	-0.01	0.22	0.1	2	0.2	2	
VR37332A	4	30	6	0.04	0.4	-1	0.5	6	0.05	-0.01	0.32	-0.05	1	0.3	2	
VR37333A	43	510	-2	-0.01	2.1	-1	1	4	-0.05	-0.01	0.06	0.85	4	0.2	92	
VR37334A	9	60	2	-0.01	0.3	-1	-0.5	1	-0.05	-0.01	0.02	0.05	1	0.2	10	
VR37335A	2	120	2	-0.01	-0.1	-1	-0.5	17	-0.05	-0.01	0.06	0.05	3	0.15	18	
VR37336A	52	430	-2	0.09	0.3	27	-0.5	18	-0.05	0.04	0.06	1.45	167	0.1	122	
VR37337A	56	370	-2	0.11	0.1	21	0.5	167	-0.05	-0.01	0.12	1.65	50	0.2	110	
VR37338A	46	1240	10	0.37	0.2	4	0.5	13	0.15	-0.01	0.12	1.7	34	0.25	112	
VR37339A	5	830	6	0.02	-0.1	6	-0.5	595	-0.05	-0.01	0.04	0.8	30	0.1	50	
VR37340A	31	410	14	0.55	0.7	1	1.5	14	-0.05	-0.01	0.08	0.5	11	2.5	116	

Sample Number	Geol	Samp. Date	Samp. Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR37343A	RZ	8/2/99	FL			NAD 27	7	501500	7103458					BRX			GY	QD	OXI	M	
VR37344A	RZ	8/2/99	FL			NAD 27	7	501500	7103458				BXH	BRX	QTZ		WT	GY	SLC	M	
VR37345A	RZ	8/11/99	FL			NAD 27	7	508240	7096990				ULM				GN	BN	CAR	S	
VR37346A	RZ	8/11/99	FL			NAD 27	7	508240	7096990				PXX	CRY			GN				
VR37347A	RZ	8/11/99	FL			NAD 27	7	508204	7096908				PXX	ULM	ACT		GN		CAR	S	
VR37348A	RZ	8/12/99	RC	1.00	M	NAD 27	7	507515	7097425				SCH	PHY	TAL	MUS	WT	TA			
VR37349A	RZ	8/12/99	RC	1.00	M	NAD 27	7	507504	7097475				PHY				WT	TA			
VR37350A	RZ	8/14/99	RG			NAD 27	7	501037	7100527				QZT				WT	OR	OXI	S	BLE
VR37351A	RZ	8/14/99	RC	2.00	M	NAD 27	7	501047	7100522				QZT				YW	BN	OXI	M	
VR37377A	RZ	8/24/99	RG			NAD 27	7	513837	7098283				AND	FAG	POY		YW	BN	ARG	S	
VR37378A	RZ	8/24/99	RG			NAD 27	7	513859	7098289				AND	POY	FAG		YW	BN	ARG	S	
VR42422A	RH	8/23/98	RG			NAD 27	7	503471	7095727				QZT	PHY	GRA		GY		SLC	W	
VR42423A	RH	8/23/98	FL			NAD 27	7	503469	7095706				QZT	PHY	QTZ		GY	WT	PYY	W	
VR42424A	RH	8/24/98	FL			NAD 27	7	503261	7099591				QTZ	VEN			TA	WT			
VR42425A	RH	8/24/98	FL			NAD 27	7	505068	7098231				QTZ	VEN	SCH		WT		SER	W	
VR42435A	RH/CL	9/12/98	FL			NAD 27	7	500623	7101673				QTZ	CDY	BXR	VUG	WT	TA	SLC	W	WEA
VR42436A	RH/CL	9/12/98	FL			NAD 27	7	500642	7101675				QTZ	CDY	BRX	GRA	GY	TA	WEA	M	
VR42437A	RH/CL	9/12/98	FL			NAD 27	7	500836	7101801				QTZ	CDY	BAN	VUG	TA	WT	WEA	W	
VR42438A	RH/CL	9/12/98	FL			NAD 27	7	500868	7101820				QTZ	BRX	VUG	QZT	GY	WT	SLC	S	WEA
VR42455A	RH	10/16/98	FL			NAD 27	7	508550	7097300				VEN	QTZ	BAN	PYY	WT	GY			
VR42456A	RH	10/16/98	FL			NAD 27	7	507200	7096730				LWN	MRP	QTZ		GN	GY	MRP	M	
VR42460A	RH	5/21/99	FL			NAD 27	7	509183	7100872					QTZ	VEN		WT		SLC	M	
VR53355A	DS/RH	8/15/98	RG			NAD 27	7	502203	7098834				CSI				PN	GY			
VR53356A	DS/RH	8/15/98	RG			NAD 27	7	502489	7098921				CSI				WT	BF	OXI		
VR60055A	AD/JB	9/14/98	FL			NAD 27	7	508927	7100916				SCH	CHL	QTZ		GN		MUS		
VR60056A	AD/JB	9/14/98	RK			NAD 27	7	508957	7100916				SCH	MUS	QTZ		BN	GN	OXI	M	FOX
VR60057A	AD/JB	9/14/98	RC			NAD 27	7	508958	7100916				SCH	QTZ	MUS		BN				
VR60058A	AD/JB	9/14/98	RC			NAD 27	7	508947	7100916				SCH	MUS	QTZ		BN				
VR60059A	AD/JB	9/14/98	RC			NAD 27	7	508938	7100916				SCH	TAL	CHL	ACT	GN				
VR60060A	AD/JB	9/14/98	RC			NAD 27	7	508938	7100916				SCH	QTZ	SEC	TAL	GN				
VR60061A	AD/JB	9/14/98	RC			NAD 27	7	508930	7100916				SCH								
VR60251A	RH	6/5/99	FL			NAD 27	7	508094	7097244				QZT	PHY	MIC		TA		WEA	M	OXI
VR60252A	RH	6/5/99	FL			NAD 27	7	508176	7097216					BRX	QTZ	SHA	GY		WEA	M	
VR60253A	RH	6/5/99	FL			NAD 27	7	507811	7097386				VEN	VUG	BAN		WT		ARG	M	
VR60254A	RH	6/5/99	RG	5	C	NAD 27	7	506944	7097802					GOU	EXH	OTH	BN	BK	OXI		
VR60255A	RH	6/5/99	RC	3	M	NAD 27	7	506243	7098463				QZT	GRA	PHY	MIC	GY		WEA	M	OXI
VR60256A	RH	6/7/99	FL			NAD 27	7	511998	7096947				AND	POY	BRX				BLE	M	SLC

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR37343A		MNX	5		GOE	2									Float sample, 100x30x50cm. Rock modifier: OSF. MNX occurs in OSF. GOE: botryoidal (as OSF). Angular dark grey phyllitic quartzite. Matrix supported clasts. Average 10x3x3cm size. Cemented by MNX and GOE. In creek.
VR37344A		PYY	tr	DIS											Sample size: 25x25x20cm. PYY occurs in angular clasts. Subangular to angular clasts averaging 4x2cm with diffuse margins in a silica matrix.
VR37345A		PYY	1	DIS	CAL			ANK							LISTWANITE. Hairline fracture fillings of qtz-cal throughout float. Several float pieces coming from bank. Angular up to 70cm across.
VR37346A		PYY	5	DIS											unaltered version of 37345. Possible actinolite skarn.
VR37347A		PYY	3	DIS	ANK			CAL							
VR37348A		PYY	tr	DIS											Klondike Schist? Crenulated. South edge of Miller Creek.
VR37349A		PYY	tr	DIS											North side of Miller Creek. Pyrite is along foliation and in stringers.
VR37350A	S	LIM	10	VEN											taken 3m upslope from 800 ppb Au soil sample.
VR37351A		LIM	1	STF	JAR	1	STF								taken 20m up slope from 82716 (800 ppb Au in soil)
VR37377A															taken from PIT #1 @ intersection of Glacier and SixtyMile River. Geophysical target. Possible fault gouge. May be contaminated by placer gravels. Compare geochem signature to VR60282.
VR37378A															
VR42422A		PYY	tr	DIS	QTZ	<1	VEN	CAR	<1	VEN	BED	244	40	M	Boring GRA QZT with weak QTZ VEN; intensity of JOI 5/m for both sets.
VR42423A		PYY	2	VEN							VEN				Rock from Bedrock Creek; composite grab of PYY bearing FL; PYY in QTZ VEN and in veinlets cross cutting and foliaform to QZT PYY is also DIS.
VR42424A		ARS	tr	DIS	LIM										Sample taken from trench north side of Miller near top of creek; grab of various QTZ boulders - not all mineralized; WT QTZ FL - bull QTZ with tinge of LIM in old trench; ARS also occur as blebs.
VR42425A		ARS	2	DIS	LIM						VEN				Sample taken from talus slope; 0.5m block of WT-GY bull QTZ with DIS blebs of ARS; ARS concentrated on shear of SER altered SCH in QTZ VEN; QTZ VEN re-FRA and mioneralized?; 10m to the west another QTZ FL boulder; this one with thin GRA PHY inclusions LIM and possibly tr ARS.
VR42435A	M	LIM	1	REP	CDY						VEN				QTZ FL on road; VUG CDY QTZ VEN BRX with WT bull QTZ; 2 pieces.
VR42436A		CDY	25	VEN	GRA	<3		LIM	2	REP	VEN				BRX and VEN GRA QZT and bull QTZ cemented by VUG CDY, LIM coating and VUG filling.
VR42437A		LIM	1	REP							VEN				Similar to VR42436 but has LAM - original bedding? Definite QTZ VEN and BRX ; no visible sulphides.
VR42438A	W	QTZ	50		CLA	2					VEN				Pockets of WT CLA in VUG; matrix supported; BRX GY QZT cemented by WT QTZ, 5% angular open spaces up to 1x2cm lined with fine QTZ crystals.
VR42455A		PYY	10	DIS											WT and GY QTZ; poorly banded.
VR42456A		PYY	2	DIS	ARS	tr	DIS								PYY also occurs in veinlets.
VR42460A		ARS	<1	DIS	PYY	<1	DIS	CDY			VEN				float of white qtz-cdy vein with diss + discreet veinlets of ars and pyy.
VR53355A		CPY	1		PYY			PYT							198/38 (sample card notes do not indicate what this measurement is for)
VR53356A		PYY													
VR60055A		QTZ	70		SER	30		PYY	.25	DIS					GN QTZ - SER SCH with ARS - PYY (foliaform) in tr amounts; TA-BN WEA surfaces FL from placer trench. Bud Claims.
VR60056A		MUS	50		QTZ	50					FOL	160	35	S	Fine grained QTZ - MUS SCH; well FOL and platy; rusty WEA; foliaform QTZ VEN (3cm). Bud Claims.
VR60057A															Rock chip sample taken over 1.0m. Bud Claims.
VR60058A		QTZ	80		MUS	20		PYY	tr						Rock chip sample taken over 0.6m at the Bud Claims; see sample card notes for diagram.
VR60059A		QTZ									SHD	005	75	S	Rock chip sample taken over 0.6m at the Bud Claims.
VR60060A		QTZ	55		MUS	40		CHL	3						Rock chip sample taken over 1.0m at the Bud Claims; QTZ - foliaform veinlets; PYY - cubes and foliaform; see sample card for diagram.
VR60061A		QTZ	60		MUS	35		CHL	4						Rock chip sample taken over 1.0m at the Bud Claims; YW-OR GOU - QTZ - MUS - CHL SCH; BN FE-rich MIC; QTZ veinlets foliaform; 1% PYY tarnishes beige and YW.
VR60251A	W	QTZ	5	VEN	PYY	tr	DIS				VEN				Location: @ RM 97003. PYY: dis and ven. Vein appears epithermal (fine grained with open fractures) up to 2 and 3 cm wide.
VR60252A		CLA	30												Structure: FBX (fault brecciation?) Clay occurrence: FBX. Comminuted bedrock with clay and FBX. No visible sulfides.
VR60253A											VEN				Float of banded qtz vein.
VR60254A		FEX	100	BED							FOL	070	17		5cm band of iron oxide parallel to bedding. Chromata sample to see what runs.
VR60255A	M	GRA	5	BED	JAR	1	REP	LIM	1	REP	BED	015	42	M	TW=0.3m. RC-grab are sheared. Graphite horizon in quartzite. Quartzite is vuggy with limonite fillings. Jarosite on fractures.
VR60256A	M	PYY	3	DIS	SPH	tr	DIS	QTZ	1	VEN	VEN				Alteration: ARG? White bleached van SLC POY AND. Feldspar phenocrysts altered to clay. 1-4mm pyy cubes and blebs (bright).

Sample Number	Assay Cert.	Au ppb	Ag ppm	Al %	As ppm	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 %
VR37343A	A9925207	145	0.72	0.23	208	-10	130	0.05	0.16	0.01	0.22	2.2	79	15	2.04	0.9	-0.1	0.01	0.06	-10	0.01	245	6.2	-0.01
VR37344A	A9925207	50	0.16	0.04	110.5	-10	60	-0.05	0.06	-0.01	0.4	0.6	142	2.4	0.44	0.3	-0.1	0.01	0.02	-10	-0.01	25	1.8	-0.01
VR37345A	A9926079	-5	0.06	0.21	161.5	-10	120	0.35	0.56	8.05	0.06	18	632	5.4	2.13	0.6	-0.1	-1	0.07	-10	6.61	640	-0.2	0.01
VR37346A	A9926079	-5	0.22	0.34	16	-10	120	0.25	0.2	5.23	0.08	53.8	541	184	1.81	1	-0.1	-1	0.07	-10	2.77	345	-0.2	0.01
VR37347A	A9926079	-5	0.2	0.18	120	-10	100	0.4	0.14	7.43	0.08	51.4	513	136	3.28	0.6	-0.1	-1	0.05	-10	4.23	670	0.2	0.01
VR37348A	A9926079	15	0.34	0.21	4.6	-10	100	0.2	0.29	7.73	0.26	4.2	24	8.8	2.4	0.7	-0.1	32	0.15	-10	4.16	1510	2.8	0.01
VR37349A	A9926079	20	0.2	0.33	11	-10	100	0.2	0.13	1.97	0.12	6.6	47	18	2.49	1.5	-0.1	25	0.16	-10	0.73	470	0.6	0.04
VR37350A	A9927002	-5	0.66	0.27	14.4	-10	30	0.05	1.8	-0.01	0.1	2.6	173	22.4	1.59	2.1	-0.1	0.05	0.01	-10	-0.01	70	4	-0.01
VR37351A	A9927002	-5	1.22	0.21	5.2	-10	90	-0.05	0.14	-0.01	0.04	1.6	133	26.6	1.2	1.6	-0.1	0.04	0.08	-10	0.01	80	4	-0.01
VR37377A	A9927844	-5	0.06	0.43	2.8	-10	270	0.55	0.05	0.41	0.22	3.4	27	6.2	1.75	1	-0.1	0.01	0.15	-10	0.09	360	0.4	0.02
VR37378A	A9927844	-5	0.12	0.39	2.4	-10	380	0.5	0.04	0.47	0.2	3.6	38	5.2	2.13	1.1	-0.1	0.01	0.14	-10	0.1	580	0.8	-0.01
VR42422A	A9829266	-5	0.6	0.32	32		160	-0.5	-2	0.16	4	6	121	73	0.92	-10		-1	0.13	-10	0.09	185	4	-0.01
VR42423A	A9829266	-5	0.6	0.33	48		120	-0.5	-2	0.35	-0.5	7	143	53	2.19	-10		-1	0.1	-10	0.26	480	2	-0.01
VR42424A	A9829266	-5	0.8	0.08	30		40	-0.5	-2	0.03	-0.5	1	216	5	0.5	-10		-1	0.02	-10	-0.01	85	1	-0.01
VR42425A	A9829266	-5	0.2	0.16	7480		120	-0.5	-2	-0.01	-0.5	1	167	106	0.91	-10		-1	0.1	-10	-0.01	10	3	-0.01
VR42435A	A9831731	245	0.8	0.2	214		80	-0.5	-2	-0.01	-0.5	1	188	22	1.82	-10		1	0.03	-10	-0.01	75	2	-0.01
VR42436A	A9831731	255	4.6	0.29	1585		420	-0.5	-2	0.09	1.5	1	212	45	1.07	-10		-1	0.1	-10	0.02	30	3	-0.01
VR42437A	A9831731	450	2.8	0.28	436		640	-0.5	-2	0.08	-0.5	1	198	21	1.07	-10		-1	0.03	-10	-0.01	30	1	-0.01
VR42438A	A9831731	85	1.4	0.35	36		30	-0.5	-2	0.08	-0.5	1	186	5	0.27	-10		-1	-0.01	-10	-0.01	50	1	-0.01
VR42455A	A9833989	0.195	21	0.34	3770		-10	-0.5	-2	0.12	2	61	175	69	13.4	-10		2	0.16	-10	0.04	25	13	-0.01
VR42456A	A9833989	-0.005	1	0.23	162		50	0.5	-2	8.03	0.5	52	292	105	4.61	-10		-1	0.06	-10	5.74	1605	2	-0.01
VR42460A	A9919805	23	0.02	0.1	89	-10	40	-0.05	0.11	0.13	0.04	2	184	12.8	1.1	0.3	-0.1	-0.01	0.01	-10	0.1	40	1.6	-0.01
VR53355A	A9828555	-5	-0.2	1.36	-2		210	-0.5	-2	0.6	-0.5	4	72	21	1.9	-10		-1	0.11	-10	0.71	345	1	0.04
VR53356A	A9828555	-5	0.2	1.63	-2		170	-0.5	-2	6.47	-0.5	5	58	8	1.09	-10		-1	0.39	-10	2.32	355	2	0.02
VR60055A	A9831731	40	1.2	0.64	1435		230	-0.5	-2	2.92	-0.5	6	123	85	1.53	-10		-1	0.15	-10	1.05	980	2	-0.01
VR60056A	A9831731	10	2.2	1.1	238		130	-0.5	-2	0.15	-0.5	8	126	28	1.83	-10		-1	0.42	10	0.41	280	-1	-0.01
VR60057A	A9831731	15	-0.2	1.33	62		190	-0.5	-2	0.19	-0.5	12	146	37	2.37	-10		-1	0.5	20	0.52	535	1	-0.01
VR60058A	A9831731	-5	0.8	0.52	46		550	-0.5	-2	0.17	-0.5	6	202	67	2.25	-10		-1	0.17	-10	0.07	185	3	-0.01
VR60059A	A9831731	5	-0.2	2.99	38		550	0.5	-2	1.25	-0.5	39	718	18	3.19	10		-1	1.19	-10	5.28	650	1	-0.01
VR60060A	A9831731	-5	0.2	2.06	18		300	0.5	-2	1.07	-0.5	30	431	74	3.09	10		-1	0.48	10	2.71	560	8	0.03
VR60061A	A9831731	-5	0.2	2.71	120		130	-0.5	-2	0.25	-0.5	20	532	49	3.73	10		-1	0.13	10	3.16	365	4	-0.01
VR60251A	A9919805	19	0.26	0.51	47.4	-10	880	0.25	0.29	0.08	0.16	2.4	114	16.6	0.95	1.1	-0.1	0.01	0.16	-10	0.02	45	0.8	0.03
VR60252A	A9919805	5	0.28	0.66	39.2	-10	120	0.3	0.15	0.13	0.18	2	132	19.8	0.64	1.7	-0.1	0.04	0.25	10	0.03	45	1.4	0.01
VR60253A	A9919805	-1	0.06	0.28	35.6	-10	40	-0.05	0.07	0.01	0.04	1.6	223	8.2	0.59	0.7	-0.1	-0.01	0.01	-10	-0.01	65	1	-0.01
VR60254A	A9919805	28	0.94	2.33	9970	-10	720	1.8	0.3	0.23	1.24	6.8	332	126	15	16.5	0.2	0.22	0.11	10	0.03	475	5.8	0.01
VR60255A	A9919805	4	0.48	0.25	113	-10	130	0.15	0.14	0.04	0.44	4.2	149	59.8	2.13	1	-0.1	0.01	0.11	-10	0.01	175	4.2	-0.01
VR60256A	A9920325	15	1.9	0.66	22.6	-10	190	0.7	5.91	0.99	2.26	5.2	39	131	2.98	1.7	-0.1	0.04	0.23	20	0.52	895	3.2	0.01

Sample Number	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR37343A	6	360	10	-0.01	11.5	1	0.5	4	0.05	-0.01	0.08	0.65	23	0.3	32	
VR37344A	3	170	8	0.04	2.2	1	-0.5	4	-0.05	-0.01	0.02	0.05	1	0.75	20	
VR37345A	164	10	2	0.03	3.1	19	-0.5	474	0.05	-0.01	0.06	-0.05	21	0.2	30	
VR37346A	236	60	-2	0.74	1.8	12	0.5	159	0.05	-0.01	0.12	-0.05	22	0.05	16	
VR37347A	164	50	-2	0.53	9.8	26	0.5	318	-0.05	-0.01	0.08	0.05	43	0.15	34	
VR37348A	6	660	36	0.35	0.8	3	-0.5	347	-0.05	-0.01	0.08	3.45	4	0.25	68	
VR37349A	10	560	12	0.97	0.4	4	2	77	-0.05	-0.01	0.08	2.05	11	0.2	48	
VR37350A	5	160	18	-0.01	0.5	-1	0.5	4	0.7	-0.01	0.18	0.25	10	16.85	12	
VR37351A	4	90	14	-0.01	1.8	-1	0.5	5	0.15	-0.01	0.42	0.25	5	11.25	8	
VR37377A	4	810	10	0.01	0.3	3	-0.5	30	-0.05	-0.01	0.04	0.4	25	-0.05	200	
VR37378A	5	910	20	0.01	0.6	2	-0.5	26	-0.05	0.01	0.02	0.4	31	1	142	
VR42422A	41	600	14		-2	-1		11		-0.01	-10	-10	17	-10	202	
VR42423A	25	280	14		2	1		10		-0.01	-10	-10	14	-10	52	
VR42424A	5	180	332		-2	-1		1		-0.01	-10	-10	2	-10	10	
VR42425A	5	290	14		-2	1		1		-0.01	-10	-10	3	-10	-2	
VR42435A	7	620	26		8	-1		8		-0.01	-10	-10	21	-10	28	
VR42436A	10	750	818		34	1		25		-0.01	-10	-10	37	-10	50	
VR42437A	5	1230	8		16	-1		23		-0.01	-10	-10	8	-10	8	
VR42438A	4	340	12		-2	-1		4		-0.01	-10	-10	8	-10	10	
VR42455A	142	250	52		14	-1		3		-0.01	-10	-10	18	-10	8	
VR42456A	490	20	10		-2	23		200		-0.01	-10	-10	69	-10	76	
VR42460A	9	140	4	0.6	1.4	-1		4	0.05	-0.01	0.02	0.05	1	4.4	14	
VR53355A	1	220	4		-2	5		10		-0.01	-10	-10	7	-10	30	
VR53356A	6	220	4		-2	5		28		-0.01	-10	-10	20	-10	40	
VR60055A	12	280	160		2	3		85		-0.01	-10	-10	15	-10	34	
VR60056A	17	310	492		4	1		8		0.03	-10	-10	13	-10	54	
VR60057A	26	460	24		-2	2		9		0.04	-10	-10	21	-10	72	
VR60058A	31	840	40		2	4		10		-0.01	-10	-10	39	-10	70	
VR60059A	552	240	4		-2	5		30		0.11	-10	-10	61	-10	78	
VR60060A	283	780	16		-2	9		36		0.04	-10	-10	80	-10	120	
VR60061A	232	740	12		-2	8		7		-0.01	-10	-10	78	-10	132	
VR60251A	5	250	10	0.03	0.9	2		17	0.05	-0.01	0.08	0.85	5	0.45	22	
VR60252A	6	570	10	0.01	1.4	4		25	0.05	-0.01	0.18	1.45	28	0.4	20	
VR60253A	7	70	10	-0.01	0.3	-1		4	-0.05	-0.01	0.04	0.6	7	0.75	12	
VR60254A	53	10000	70	0.15	81	12		602	0.3	-0.01	0.54	35.5	263	20.9	116	
VR60255A	39	420	18	-0.01	1.2	1		10	0.05	-0.01	0.02	1.25	39	0.65	292	
VR60256A	6	840	64	0.7	3.5	3		47	0.3	-0.01	0.22	0.9	25	0.3	278	

Sample Number	Geol	Samp. Date	Samp. Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR60257A	RH	6/8/99	FL			NAD 27	7	510678	7095834				AND				GY		BLE	M	SLC
VR60258A	RH	6/13/99	FL			NAD 27	7	506264	7100896				QTZ	BRX			BN	TA	WEA	M	OXI
VR60259A	RH	6/13/99	FL			NAD 27	7	506428	7099744				QTZ	BRX	VEN	VUG	GY		WEA	M	OXI
VR60260A	RH	6/14/99	FL			NAD 27	7	505595	7100074				QTZ	VEN	VUG	PHY	BN	QL	OXI	M	WEA
VR60261A	RH	6/14/99	FL			NAD 27	7	506579	7099757				QZT	PHY	QTZ	VEN	GY		OXI	M	WEA
VR60262A	RH	6/14/99	FL	0.5	M	NAD 27	7	509278	7100743				VEN	QTZ			WT		WEA	W	
VR60263A	RH	6/15/99	FL			NAD 27	7	505311	7099618				QZT	BRX	VEN	QTZ	GY		OXI	M	
VR60264A	RH	6/15/99	RC			NAD 27	7	505787	7098737				QZT	QTZ	VEN	VUG	BN		WEA	M	OXI
VR60281A	RH	7/9/99	RG			NAD 27	7	512940	7099182				AND	BRX	MEG	ANC	TA	BF	BLE	M	ARG
VR60282A	RH	7/9/99	FL			NAD 27	7	513843	7098316				AND	ABX	BRX	CLS	GY		SLC	M	ARG
VR60283A	RH	7/10/99	RC	20	C	NAD 27	7	505152	7097464				QTZ	VEN	VUG	BAN	WT		BLE	W	OXI
VR60284A	RH	7/10/99	FL			NAD 27	7	505161	7097469				VEN	QTZ			WT	GY	OXI	M	
VR60285A	RH	7/10/99	FL			NAD 27	7	505507	7097313				QZT	VEN	BXT		WT	GY	BLE	W	OXI
VR60286A	RH	7/10/99	FL	10	C	NAD 27	7	505622	7097324				QTZ	VEN	BAN	VUG	GY		WEA	M	OXI
VR60289A	RH	7/17/99	FL			NAD 27	7	509713	7101646				QTZ	VEN	VUG	BAN	WT		WEA	M	
VR60290A	RH	7/17/99	FL			NAD 27	7	508155	7102727				QZT	QTZ	VEN	GRA			WEA	M	
VR60291A	RH	7/17/99	RC	1	M	NAD 27	7	508124	7102772				QZT	QTZ	GRA	MIC	GY		WEA	M	
VR60292A	RH	7/18/99	RG			NAD 27	7	506995	7097442				QZT	MIC			GY	WT	SER	W	BLE
VR60293A	RH	7/18/99	RG			NAD 27	7	506506	7095918				QTZ	VEN	SCH		WT	TA	WEA	M	
VR60294A	RH	7/19/99	FL			NAD 27	7	508248	7097123				QZT	MIC	QTZ		TA	WT	BLE	M	WEA
VR60295A	RH	7/19/99	FL			NAD 27	7	507170	7097443				QZT	QTZ	MIC		TA	WT	BLE	M	SER
VR60296A	RH	7/19/99	RG			NAD 27	7	507213	7097433				QZT	MIC	QTZ		TA		BLE	M	SLC
VR60297A	RH	7/19/99	RG	5	M	NAD 27	7	506729	7097471				QZT				GY	WT	SLC	W	BLE
VR60298A	RH	7/19/99	RG			NAD 27	7	506647	7097451				QZT	BRX	QTZ		GY		SLC	W	
VR60299A	RH	7/19/99	FL			NAD 27	7	506881	7097653				QZT	VEN	QTZ	BRX	GY	WT	BLE	M	SLC
VR60300A	RH	7/19/99	FL			NAD 27	7	506882	7097620				QZT	QTZ	VEN		WT		WEA	M	
VR60301A	RH	7/21/99	RG			NAD 27	7	510281	7095918				QZT	GOU	MIC				SER	W	WEA

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR60257A	W	PYY	2	DIS							FRA				SAMPLE WAS TAKEN FROM AN ANDESITE SUBCROP AT THE BOTTOM OF A PLACER CUT. THE ANDESITE HAS ALSO UNDERGONE MODERATE PHYLLIC ALTERATION. THE PYRITE IS FINE GRAINED. IN ADDITION TO PYRITE THE SAMPLE CONTAINS 1 % UNIDENTIFIED FINE GRAINED DISSEMINATED SULFIDES.
VR60258A	M	ANK	5	VEN											SAMPLE WAS TAKEN FROM BRECCIATED QZT FLOAT WITH ANKERITE AND CERARGYRITE MATRIX. THE FLOAT IS BELIEVED TO HAVE COME FROM A NEARBY SOURCE.
VR60259A	M	LIM	3	REP	GOE	1	REP	QTZ	5	VEN	VEN				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.
VR60260A	M	LIM	5	REP	PYY	1	DIS	QTZ	10	XLN	VEN				SAMPLE CONSISTS OF QTZ VEIN FLOAT WHICH WAS TAKEN NEXT TO SOIL SAMPLE SITE VR58452.
VR60261A	M	QTZ	20	VEN	ANK	10	REP				VEN				SAMPLE WAS TAKEN FROM QZT FLOAT/SCREE WHICH IS FROM A LARGE NEARBY O/C OF QZT. 10 % OF THE FLOAT IS VEINED.
VR60262A		PYY	0.1	DIS	ARS	0.1	DIS	QTZ	30	VEN	VEN				SAMPLE CONSISTS OF BOULDERS OF LIM STAINED QTZ - CARB -QTZ VEINING? BRECCIATED MILKY WHITE TO GREY VEINS WITH QTZ W.R.? THE SAMPLE ALSO CONTAINS A MINERAL WHICH IS CALLED SCO. I DO NOT KNOW WHAT MINERAL THIS CODE STANDS FOR BUT IT IS A REPLACEMENT MINERAL PRESENT IN TRACE AMOUNTS. SAMPLE WAS TAKEN FROM FLOAT.
VR60263A		QTZ	25	VEN	LIM	1	REP				FLT				SAMPLE CONSISTS OF FLOAT OF OXIDIZED GREY BANDED FAULT BRECCIA. CLASTS AND DISCONTINUOUS VEINLETS OF QTZ.
VR60264A	M	QTZ	2	VEN	LIM	2	VEN				VEN	189	45W		THIS IS A ROCK GRAB SAMPLE. THE SAMPLE IS JOINTED AND QTZ VEINS WHICH ARE ~ 2mm WIDE ARE FOUND ALONG JOINT THE SURFACES.
VR60281A	M	QTZ	5	VEN	CLA	5					STK				SAMPLE TAKEN FROM SUBCROP IN STEVE P. PIT. PIT WAS DUG ON JULY 9. CLAY OCCURS IN THE SAMPLE AS CLASTS?
VR60282A	M	PYY	3	DIS	QTZ	25	XLN								GRAB SAMPLE TAKEN FROM FLOAT IN A PLACER DITCH. PYRITE IS AN ALTERATION MINERAL WHICH IS FOUND REPLACING CLASTS. QTZ IS PRESENT MAINLY AS MATRIX, HOWEVER, MINOR AMOUNTS OF QTZ CLASTS ARE OBSERVED TO FILL VUGS.
VR60283A	M	QTZ			LIM	5	REP				VEN	134	81W		LARGE QTZ VEIN ~ 1 m WIDE. THE VEIN IS BANDED AND CONTAINS VUGS AND LIMONITE.
VR60284A		LIM	1	REP	PYY	0.1	DIS				VEN				COMMINUTED QTZ VEIN LESS THAN 10 cm WIDE. IN ADDITION THERE ARE ROUNDED QTZ CLASTS LESS THAN 1 cm IN SIZE. RARE DISSEMINATED PYRITE GRAINS ARE PRESENT IN MATRIX OF VEIN. SAMPLE ALSO CONTAINS ~ 1 % OF SCORODITE.
VR60285A	M	ARS	1	DIS	LIM	1	REP				VEN				SAMPLE WAS TAKEN FROM FLOAT. IT IS A FAULT BRECCIA OF QZT AND QTZ VEINS.
VR60286A	M										VEN				SAMPLE IS OF A VUGGY BANDED QTZ VEIN. THE VEIN IS ~ 10 cm IN WIDTH. THE VEIN IS FOLIATED AND JOINTED AND CONTAINS A SULFIDE, POSSIBLY ARSENOPYRITE IN VUGS. THE SAMPLE WAS COLLECTED FROM FLOAT. THE ROCK ALSO CONTAINS ~ 0.1 % SCORODITE.
VR60289A		QTZ	99	VEN							VEN				Rock type modifier: BRX. Cockade texture approx 1cm. No visible sulfides. Clasts fine grained quartz (rounded) cemented by cockscomb quartz.
VR60290A		PYY	1	DIS	QTZ	5	VEN	LIM	tr	REP	FOL				Rock mod: folded. Vein crosscuts foliation. Float from placer ditch of graphitic pyy quartzite, x-cut and with foliaform qtz.
VR60291A		PYY	1	DIS	LIM	1	REP	QTZ	5	VEN	FOL	032	38		Foliated quartz with pyy in pyy (very white) and graphitic phyllite-sch.
VR60292A	M	PYY	1	DIS	ARS	1	DIS	LIM	1	REP	FOL	038	46		Joints: 6/m. Bleach, weak ser alterated quartzite, limonite stained, disseminated ars xls and pyy blebes, and on fractures.
VR60293A		LIM	1	REP							VEN				Al Downs clearing. Mica schist, rare quartz vein float with limonite.
VR60294A	M	LIM	1	REP											Bleached micaceous quartzite, orange limonite staining. No quartz veining or sulfides. Boring On top of placer tailings.
VR60295A	W	QTZ	5	VEN	PYY	tr	DIS				VEN				
VR60296A	W	PYY	1	DIS	QTZ	5	VEN				FOL	043	66		Small 0.5x1.5m outcrop along rock(?) bank.
VR60297A	M	QTZ	10	VEN	JAR	1					FOL	326	54		Jarosite staining.
VR60298A		PYY	tr	DIS	JAR	tr					FLT	266	78		Joint <2m. Jarosite staining. White-grey brecciated quartz-quartzite, pyy in matrix , filling open spaces.
VR60299A	W	PYY	tr	DIS							VEN			M	Size: 1.5x1.5x0.5m block. Same quartzite xcutting white quartz veining as in previous samples Boring.
VR60300A		ARS	1	DIS							VEN				Arseno: disseminated blebs. Small hand trench.
VR60301A	M	PYY	tr	DIS	CLA						FOL	287	20		Joints: 3/m? Grab of clay gouge and limonite pyy quartzite Joints have selvages and pyy coatings.

Sample Number	Assay Cert.	Au ppb	Ag ppm	Al %	As ppm	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 %
VR60257A	A9920325	25	3.02	0.49	92.4	-10	100	0.6	2.58	1.81	14	5.8	34	191	3.6	1.1	-0.1	0.1	0.29	10	0.51	1720	4.6	0.01
VR60258A	A9920796	5	0.38	0.17	19.4	-10	90	0.1	0.29	5.09	0.56	6.6	80	20	3.24	0.5	-0.1	0.01	0.05	-10	2.63	1995	0.8	0.01
VR60259A	A9920796	-5	0.58	0.16	19.8	-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	135	4	0.01
VR60260A	A9920796	35	1.08	0.57	88.8	-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	285	6.4	0.01
VR60261A	A9920796	-5	0.12	0.07	12.2	-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	2660	1	-0.01
VR60262A	A9920796	25	0.34	0.13	908	-10	130	0.1	0.21	4.28	0.14	4.8	59	6	3.42	0.4	-0.1	-0.01	0.03	-10	1.27	755	0.4	0.06
VR60263A	A9920796	15	0.48	0.27	141	-10	240	0.3	0.3	0.03	2.74	19.6	115	85.9	3.61	1	-0.1	0.01	0.07	-10	0.01	1205	6.6	-0.01
VR60264A	A9920796	-5	0.3	0.27	15.8	-10	110	0.1	0.19	0.06	0.18	5.8	138	44.4	1.8	0.9	-0.1	-0.01	0.08	-10	0.06	270	1.6	-0.01
VR60281A	A9923135	-5	0.02	0.75	1.4	-10	120	0.2	0.03	0.09	0.04	0.8	41	1.6	0.79	0.8	-0.1	0.03	0.04	-10	0.01	155	1	-0.01
VR60282A	A9923135	245	17.1	0.24	134	-10	60	0.25	9.32	0.54	38.8	6.2	54	148.5	2.68	0.9	-0.1	0.86	0.11	-10	0.14	645	48.4	0.01
VR60283A	A9923135	5	0.54	0.19	1845	-10	130	0.15	0.28	-0.01	0.1	0.4	112	20.8	2	0.9	-0.1	0.01	0.05	-10	-0.01	20	1.2	0.01
VR60284A	A9923135	10	0.28	0.14	504	-10	170	0.1	0.15	-0.01	0.1	0.6	150	25	1.78	0.6	-0.1	-0.01	0.05	-10	-0.01	20	3.4	0.01
VR60285A	A9923135	40	1.8	0.14	1185	-10	150	0.05	0.14	-0.01	0.1	0.8	138	8.4	1.1	0.8	-0.1	0.19	0.08	-10	-0.01	30	1	0.01
VR60286A	A9923135	-5	0.38	0.06	25	-10	220	-0.05	0.06	-0.01	-0.02	0.6	181	2.6	0.46	1.1	-0.1	0.11	0.03	-10	-0.01	35	3.4	0.01
VR60289A	A9923863	5	0.2	0.12	120.5	-10	1160	0.1	0.03	0.03	0.06	1.2	141	4.8	0.49	0.6	-0.1	-0.01	0.07	-10	0.01	120	3.6	-0.01
VR60290A	A9923863	-5	0.52	0.29	7.4	-10	120	0.1	0.23	0.4	0.02	4	119	22.8	1.07	0.8	-0.1	-0.01	0.18	-10	0.03	25	3.4	-0.01
VR60291A	A9923863	-5	0.4	0.27	3	-10	100	0.1	0.28	1.17	3.06	7.6	133	53.7	2.34	0.7	-0.1	-0.01	0.16	-10	0.67	550	4	-0.01
VR60292A	A9923863	845	0.38	0.3	5830	-10	40	0.45	0.13	0.05	0.2	1	105	44.4	1	1.1	-0.1	-0.01	0.18	20	0.02	65	1.8	0.05
VR60293A	A9923863	20	0.22	0.2	286	-10	320	0.1	0.18	0.56	0.42	2.2	106	3.8	1.31	0.5	-0.1	0.03	0.09	10	0.17	495	2.6	0.01
VR60294A	A9923863	-5	0.3	0.43	48.8	-10	180	0.55	0.07	0.21	0.26	7	77	11.2	1.5	1	-0.1	0.4	0.08	10	0.03	95	1.6	0.02
VR60295A	A9923863	130	0.26	0.4	10	-10	190	0.5	0.36	0.96	0.2	1.6	64	7.2	1.13	1.1	-0.1	-0.01	0.23	30	0.43	305	1.8	0.02
VR60296A	A9923863	105	0.16	0.21	15.4	-10	70	0.05	0.26	0.39	0.18	2.8	80	3.2	1.11	0.6	-0.1	-0.01	0.06	20	0.12	105	1.2	0.09
VR60297A	A9923863	25	1.08	0.09	251	-10	250	-0.05	0.07	0.02	0.02	0.6	148	3.6	0.6	0.5	-0.1	0.01	0.09	-10	-0.01	25	3.4	-0.01
VR60298A	A9923863	105	1.62	0.09	502	-10	350	-0.05	0.06	0.01	0.02	0.6	160	3.4	0.79	0.4	-0.1	0.15	0.11	-10	-0.01	15	2.8	0.01
VR60299A	A9923863	40	0.52	0.04	220	-10	250	-0.05	0.11	-0.01	-0.02	1	180	5.4	0.49	0.1	-0.1	0.03	0.03	-10	-0.01	20	3.8	-0.01
VR60300A	A9923863	50	1.04	0.04	2470	-10	70	-0.05	0.08	-0.01	0.02	0.6	186	3.8	0.6	0.1	-0.1	0.14	0.04	-10	-0.01	15	2.8	-0.01
VR60301A	A9924184	85	3.44	0.35	21.8	-10	660	0.05	0.23	0.09	0.32	1.2	57	10	1.68	1.5	-0.1	0.63	0.26	-10	0.06	25	0.8	0.04

Sample Number	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR60257A	5	580	416	2.78	2.3	2		39	0.2	-0.01	0.2	1.3	10	0.5	1880	
VR60258A	14	210	6	0.01	4.6	1		135	0.1	-0.01	0.02	0.45	7	0.2	46	
VR60259A	34	1110	28	0.01	0.7	1		12	0.15	-0.01	0.02	2.4	33	0.3	84	
VR60260A	289	3080	14	0.01	11.6	6		6	0.15	-0.01	0.1	5.15	114	0.5	1305	
VR60261A	10	170	8	0.01	0.4	1		53	-0.05	-0.01	-0.02	0.2	4	0.25	20	
VR60262A	13	270	24	0.24	1.2	8		611	-0.05	-0.01	-0.02	0.9	6	0.4	40	
VR60263A	79	540	20	-0.01	11.1	3		12	0.1	-0.01	0.14	3.1	42	0.55	366	
VR60264A	19	320	8	-0.01	0.2	1		3	0.05	-0.01	0.02	0.75	8	0.15	74	
VR60281A	5	310	6	-0.01	0.3	2		15	-0.05	-0.01	0.02	0.3	17	0.25	22	
VR60282A	4	320	2200	2.51	59.1	1		14	6.25	-0.01	0.2	0.9	11	0.35	3030	
VR60283A	2	340	172	-0.01	1	2		4	0.25	-0.01	0.02	0.85	9	0.35	6	
VR60284A	4	340	36	-0.01	1.9	1		11	0.05	-0.01	0.02	0.9	19	0.35	10	
VR60285A	2	110	22	0.03	11.5	1		12	0.4	-0.01	0.06	0.15	5	0.45	-2	
VR60286A	3	120	22	0.05	3.3	-1		30	-0.05	-0.01	0.1	0.2	3	0.6	2	
VR60289A	5	40	2	0.05	2.1	-1	-0.5	21	0.1	-0.01	0.02	0.5	2	0.15	10	
VR60290A	20	1730	18	0.76	0.4	-1	3.5	19	0.1	-0.01	0.08	0.7	17	0.3	8	
VR60291A	28	170	16	1.46	0.3	-1	3.5	14	0.05	-0.01	0.16	0.85	5	0.2	308	
VR60292A	4	30	8	0.36	1.6	-1	1	8	0.15	-0.01	0.14	5.15	3	0.8	16	
VR60293A	8	200	36	0.04	1.1	2	-0.5	33	-0.05	-0.01	0.04	0.6	4	0.15	38	
VR60294A	37	690	16	0.02	2.6	4	0.5	10	-0.05	-0.01	0.06	0.85	19	0.35	132	
VR60295A	2	90	10	0.37	0.2	-1	-0.5	59	-0.05	-0.01	0.08	2.85	1	0.2	44	
VR60296A	2	70	12	0.69	0.2	2	0.5	47	0.05	-0.01	-0.02	2	3	0.25	24	
VR60297A	2	150	40	0.13	3.9	-1	0.5	15	0.05	-0.01	0.12	0.05	3	0.6	2	
VR60298A	3	140	88	0.2	5.9	-1	1	16	0.05	-0.01	0.12	0.05	4	0.65	6	
VR60299A	3	30	18	0.13	1.8	-1	0.5	12	0.05	-0.01	0.02	0.05	1	0.35	6	
VR60300A	3	90	22	0.05	8.8	-1	3.5	5	0.1	-0.01	0.1	-0.05	1	0.6	-2	
VR60301A	2	290	58	0.45	3.6	-1	-0.5	27	-0.05	-0.01	0.66	0.45	5	0.85	30	

Sample Number	Geol	Samp. Date	Samp. Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR60302A	RH	8/1/99	FL			NAD 27	7	501701	7103246				QZT	QTZ	VUG	VEN	GY	WT	SLC	W	WEA
VR60303A	RH	8/1/99	FL			NAD 27	7	501644	7103324				ULM	MIC			GY	TA	WEA	M	
VR60304A	RH	8/1/99	FL			NAD 27	7	501582	7103407				QZT	QTZ	VUG	VEN	TA		WEA	S	OXI
VR60305A	RH	8/1/99	FL			NAD 27	7	501481	7103450				VEN	QTZ	BRX	VUG	TA		SLC		
VR60306A	RH	8/2/99	RC			NAD 27	7	509405	7100444				SCH	QTZ	MUS		TA		WEA	M	OXI
VR80103A	FA/AC	8/15/98	RG			NAD 27	7	504407	7097916				VEN				WT				
VR80104A	FA/AC	8/15/98	RG			NAD 27	7	504816	7097588				VEN				WT		CLA	M	
VR80105A	FA/AC	8/15/98	RC			NAD 27	7	504958	7097528				VEN				WT				
VR80106A	FA	8/15/98	RG			NAD 27	7	505527	7097261				VEN	BRX			GY				
VR80107A	FA/AC	8/15/98	RG			NAD 27	7	505527	7097261				VEN				WT		LIM	M	
VR80108A	FA/AC	8/15/98	RG			NAD 27	7	505526	7097259				SCH	GRA	QTZ		GY	BK			
VR80109A	FA/AC	8/15/98	RG			NAD 27	7	505734	7097386				QZT	STK			GY		SLC	S	
VR80120A	FA/CL	8/24/98	FL			NAD 27	7	504339	7097924				VEN	QTZ			WT		FOX	W	
VR80121A	FA/CL	8/24/98	FL			NAD 27	7	504397	7097867				SCH	QTZ	MUS	GRA	GY		FOX	W	
VR80134A	FA/JB	9/11/98	RK			NAD 27	7	506643	7099486				VEN	QTZ			WT				
VR80135A	FA/JB	9/12/98	FL			NAD 27	7	507333	7099176				MTS				GY				
VR80136A	FA/JH	9/14/98	FL			NAD 27	7	511112	7098121				IGN	PRC			OR		ARG	S	FOX
VR80165A	RZ	6/3/99	FL			NAD 27	7	510620	7099787				CLY				GY	BL		S	
VR80166A	RZ	6/3/99	RK			NAD 27	7	510618	7099803				QTZ	VEN	BRX	SCH	WT	BN	SLC	T	
VR80167A	RZ	6/3/99	FL			NAD 27	7	510634	7099813				QZT	CLY	AND		YW	QL	OXI	S	
VR80168A	RZ	6/3/99	FL			NAD 27	7	510635	7099814				QTZ				GY	WT			
VR80169A	RD	6/3/99	FL			NAD 27	7	510551	7099839				SCH	VEN			WT	GY	SER	M	
VR80170A	RZ	6/5/99	RG	8	M	NAD 27	7	512288	7099065				AND	POY			BN	QL	OXI	M	BLE

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR60302A	M	QTZ	50	VEN	LIM	3	REP				VEN				Limonite as replacement, and vugs. Grab of quartz vein float. Quartzite xcut by thin 1cm white quartz vein.
VR60303A		SID	5	DIS	ANK						VEN				Siderite or ankerite. Greasy Fe-carbonate micaceous altered ultramafic with desseminated blebs (1-3mm) of ankerite/siderite and tension veins of pyrophyllite.
VR60304A	S	LIM	7	REP	QTZ	20	VEN				VEN				Limonite occurs as replacement, vugs, and coatings.
VR60305A		PYC	tr	DIS							VEN				Pyrite disseminated in quartz/quartzite vein clasts. Quartz: matrix supported, rounded grey quartzite clasts.
VR60306A	M	LIM	5	REP	QTZ	5	VEN				FOL	032	20	M	Fault: 0.5/m. Joint: 4/m. Limonite: replacement, staining. Limonite weathering, rusty schist.
VR80103A		ARS	tr												ARS ocurrs in patches. Host rock is blue-gray quartz rich SCH that is well FOL.
VR80104A															Yellow clay alteration along fractures. Easily fractured WT QTZ boulder with yellow, slippery clay patches; occasional dull GY clay patches possibly clay WEA PYY? . Weak BN-YW staining of QTZ is common.
VR80105A		GRA	3	DIS											Sample taken over 15cm. Blebs to patches of GRA? Same mineral as VR80102 which was possibly ARS...not sure anymore. VEN cuts FOL in QTZ rich dark GY gneiss unit. VEN is VUG and has scattered blebs of a silver-GY mineral as noted in sample VR80102; can sometimes be scratched by a knife.
VR80106A		LIM	1	BOX											LIM is sulfurous smelling. Soil VR57671 has boulder of GY QTZ cut by hairline BK stringers (GRA or sulphide) and 1% very fine grained boxwork texture.
VR80107A		LIM	3	STK											Extension veinlets with porous network textured BN mineral growth. Extensional openings in WT, sugary, QTZ VEN, offset by hairline fracturing.
VR80108A															Dark GY, CARB QTZ rich SCH with cm scale WT massive QTZ veinlets along FOL; cut by mm scale WT QTZ veinlets exhibiting open space. Cm scale PYY cube outlines present along some FOL.
VR80109A		QTZ	25	STK											QTZ occurs as sheeted veinlets. Large GY boulder, banded, QZT cut by massive milky WT VEN. Boxworked/pitted texture along FRA.
VR80120A		LIM									FRA				WT, vitreous, massive FRA QTZ. VUG patches, vugs coated by BN LIM. Pale PN - BN stain along FRA surfaces. FRA hackly, splintery, not smoothly.
VR80121A											FOL				GY, FOL QZT. OXI, VUG cavities and veinlets (parallel to FOL). Possibly result of WEA of primary mafic minerals?
VR80134A															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.
VR80135A															Strong YW - OR LIM along FRA and coating FOL surfaces; pitted appearance to WEA surface; glassy QTZ knots inside rock.
VR80136A	S	LIM	30		CLA	40		QTZ	30						Very altered rock; looks like Carmacks rocks seen before except that it is pervasively altered. Small GY opalline/chalcedonic veinlets present. Old flag at area. Hand sample taken.
VR80165A		CLA	80	MAS	QTZ	10									SAMPLE WAS TAKEN FROM A CLAY PATCH NEAR THE CREEK. THE QTZ IN THE SAMPLE OCCURS AS CLASTS. IT SHOULD BE NOTED THAT ON THE SAMPLE CARD THE ALTERATION TYPE IS MARKED AS CLAY. THIS, HOWEVER, IS NOT A RECOGNIZED ALTERATION TYPE IN THE DATA BASE. AS A RESULT THE ALTERATION FIELD HAS BEEN LEFT BLANK.
VR80166A		PYY	0.1	DIS							VEN				MATRIX SUPPORTED BRX. CLASTS CONSIST OF QTZ AND SCH. THE SAMPLE DISPLAYS COCKSCOMB TEXTURES AND PYRITE IS PRESENT IN THE CLASTS IN TRACE AMOUNTS. SAMPLE WAS TAKEN NEAR VR80167 AND VR80168 (~ 10 m UP STREAM).
VR80167A		LIM	30												THE SAMPLE WAS TAKEN FROM FLOAT. THE SAMPLE CARD CALLS THE ROCK A MIXED ROCK WITH CLY, QTE + AND. IN ADDITION THE SAMPLE HAS UNDERGONE STRONG CLAY ALTERATION. THE TYPE OF CLAY ALTERATION IS NOT INDICATED ON THE CARD AND AS A RESULT IS NOT ENTERED INTO THE ALTERATION FIELD.
VR80168A		QTZ	80	XLN	GRA	20	MAS	TOU	1						SAMPLE TAKEN FROM A BOULDER. THE BOULDER IS MASSIVE, FINE-GRAINED, AND GREY WITH A BLACK BAND. VERY FINE GRAINED SX MAY BE PRESENT IN SAMPLE AS WELL. THE BLACK BAND MAY BE A VERY FINE GRAINED OR MASSIVE BAND OF GRAPHITE WHICH IS FOUND WITHIN THE MASSIVE QTZ BOULDER. SAMPLED FLOAT IS 10 cm * 10 cm * 10 cm
VR80169A		QTZ	95	VEN	FEL	5	VEN	PYY	0.1	STF					SAMPLE IS TAKEN FROM FLOAT. THE SAMPLE IS A VEINED SCHIST. PYRITE WITHIN THE SAMPLE IS RIMMED BY A DARK FINE GRAINED SULFIDE, POSSIBLY CHALCOPYRITE.
VR80170A	M	FEL	20	XLN	HOR	5	XLN								TYPICAL PORPHYRITIC ANDESITE WITH LOCAL OXIDATION AND BLEACHING. THIS IS A ROCK GRAB SAMPLE TAKEN OVER 8 m.

Sample Number	Assay Cert.	Au ppb	Ag ppm	Al %	As ppm	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 %
VR60302A	A9925207	-5	-0.02	0.1	5.4	-10	30	0.05	0.04	0.01	0.12	3.2	108	18.8	0.8	0.5	-0.1	0.01	0.03	-10	0.01	395	0.8	-0.01
VR60303A	A9925207	-5	-0.02	0.22	44.2	-10	10	0.05	0.03	0.78	0.1	36.4	479	12.6	2.31	0.5	-0.1	0.02	-0.01	-10	4.41	500	-0.2	-0.01
VR60304A	A9925207	20	0.76	1.77	442	-10	90	0.6	0.39	0.26	1.76	14.2	730	114.5	3.91	4.3	0.1	0.01	0.04	-10	1.75	490	1.2	-0.01
VR60305A	A9925207	15	0.2	0.07	26.8	-10	360	0.05	0.01	-0.01	0.08	0.6	100	4.2	0.42	0.4	-0.1	0.05	0.04	-10	0.04	15	1.8	-0.01
VR60306A	A9925207	-5	0.04	0.55	5	-10	80	0.5	0.33	0.13	0.16	5.2	75	24.8	1.77	1.7	-0.1	0.03	0.21	10	0.11	130	0.8	-0.01
VR80103A	A9828555	-5	-0.2	-0.01	576		10	-0.5	-2	-0.01	1.5	-1	183	14	0.34	-10		-1	-0.01	-10	-0.01	15	4	-0.01
VR80104A	A9828555	-5	0.4	0.04	18		10	-0.5	-2	-0.01	-0.5	-1	189	3	0.27	-10		-1	-0.01	-10	-0.01	30	1	-0.01
VR80105A	A9828285	125	0.6	0.09	6620		100	-0.5	-2	0.07	-0.5	1	287	26	0.97	-10		-1	0.04	-10	-0.01	20	2	-0.01
VR80106A	A9828555	-5	0.2	0.06	16		60	-0.5	-2	-0.01	-0.5	-1	233	6	0.34	-10		-1	0.02	-10	-0.01	15	5	-0.01
VR80107A	A9828285	20	0.8	0.19	260		180	-0.5	2	0.03	-0.5	-1	236	24	2.84	-10		2	0.07	-10	-0.01	25	2	-0.01
VR80108A	A9828555	80	3	0.16	104		230	-0.5	-2	-0.01	-0.5	1	175	14	0.85	-10		-1	0.06	10	-0.01	20	8	-0.01
VR80109A	A9828285	10	0.2	0.11	232		190	-0.5	-2	-0.01	-0.5	-1	274	7	1.12	-10		-1	0.05	-10	-0.01	20	2	-0.01
VR80120A	A9829266	-5	-0.2	0.08	348		10	-0.5	-2	0.1	0.5	3	297	18	0.76	-10		-1	-0.01	-10	0.03	210	3	-0.01
VR80121A	A9829266	-5	0.2	0.24	410		280	-0.5	-2	-0.01	-0.5	-1	246	8	0.72	-10		-1	0.1	-10	-0.01	30	3	-0.01
VR80134A	A9831731	10	-0.2	0.17	300		100	-0.5	-2	0.03	-0.5	1	210	21	0.8	-10		-1	0.07	-10	-0.01	50	1	-0.01
VR80135A	A9831731	345	1.4	0.27	102		80	-0.5	-2	-0.01	-0.5	-1	178	25	1.82	-10		-1	0.08	-10	-0.01	35	2	-0.01
VR80136A	A9831731	-5	-0.2	0.94	2		130	-0.5	-2	0.04	-0.5	4	37	5	1.56	-10		-1	0.05	20	-0.01	465	1	-0.01
VR80165A	A9919805	2	0.12	0.51	26.4	-10	1040	1.15	0.16	3.88	0.14	13.2	61	36	3.27	1.4	-0.1	0.06	0.21	-10	1.68	710	22.2	0.01
VR80166A	A9919805	77	0.28	0.2	364	-10	70	0.15	0.08	1.68	0.2	3.2	141	21.4	1.44	0.7	-0.1	-0.01	0.05	-10	0.45	625	2	0.01
VR80167A	A9919805	-1	0.14	0.34	20.2	-10	220	0.35	0.13	1.03	0.22	5.8	102	29.6	1.78	0.9	-0.1	0.04	0.13	-10	0.39	250	8.8	0.01
VR80168A	A9919805	2	0.44	0.31	25.8	-10	260	0.2	0.2	2.59	1.12	4.6	125	71.1	1.24	1.1	-0.1	0.11	0.14	-10	0.54	190	27.4	0.01
VR80169A	A9919805	-1	0.02	0.37	13.8	-10	50	0.45	0.23	1.56	0.08	9	98	14	2.59	1.8	-0.1	0.02	0.17	10	0.47	390	1	0.01
VR80170A	A9919805	-1	0.06	1.99	5.8	-10	350	0.9	0.22	1.26	0.12	3.2	25	8.6	2.24	7.6	0.1	-0.01	0.17	20	0.27	200	2.2	0.08

Sample Number	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR60302A	10	110	2	-0.01	0.4	-1	-0.5	1	-0.05	-0.01	0.02	0.3	3	0.05	32	
VR60303A	540	30	-2	0.01	0.9	3	-0.5	28	0.05	-0.01	-0.02	0.25	9	-0.05	30	
VR60304A	201	200	24	0.06	9.3	8	-0.5	9	0.05	-0.01	0.12	3.65	45	0.15	204	
VR60305A	8	70	14	0.07	1.7	-1	-0.5	8	0.05	-0.01	0.06	0.15	7	0.4	4	
VR60306A	15	410	10	-0.01	0.3	3	-0.5	10	-0.05	0.01	0.08	1.45	13	0.5	42	
VR80103A	4	40	212		-2	-1		1		-0.01	-10	-10	1	-10	10	
VR80104A	3	20	10		-2	-1		1		-0.01	-10	-10	3	-10	2	
VR80105A	4	640	68		-2	1		5		-0.01	-10	-10	4	-10	6	
VR80106A	4	50	6		-2	-1		7		-0.01	-10	-10	3	-10	-2	
VR80107A	3	470	14		30	-1		16		-0.01	-10	-10	22	-10	2	
VR80108A	3	190	16		14	-1		48		-0.01	-10	-10	22	-10	-2	
VR80109A	3	150	18		2	-1		22		-0.01	-10	-10	6	-10	-2	
VR80120A	15	70	2		-2	-1		5		-0.01	-10	-10	2	-10	30	
VR80121A	6	290	124		-2	-1		13		-0.01	-10	-10	11	-10	26	
VR80134A	5	110	22		-2	-1		5		-0.01	-10	-10	4	-10	26	
VR80135A	3	320	34		24	-1		-1		-0.01	-10	-10	13	-10	8	
VR80136A	4	380	14		-2	3		3		-0.01	-10	-10	24	-10	42	
VR80165A	18	230	10	0.37	1.6	8		126	0.05	-0.01	0.12	4.1	36	0.65	66	
VR80166A	13	230	2	0.14	2.7	1		49	0.05	-0.01	0.04	0.8	12	0.2	28	
VR80167A	23	720	6	0.48	1.3	3		42	0.05	-0.01	0.1	2.7	29	0.35	50	
VR80168A	41	4770	8	0.47	2.5	2		91	0.05	-0.01	0.16	8.85	82	0.35	142	
VR80169A	16	170	6	1.53	0.3	1		61	-0.05	-0.01	2.12	1.35	11	0.15	52	
VR80170A	3	880	14	0.05	0.1	4		174	0.4	0.1	0.02	0.75	43	0.05	28	

Sample Number	Geol	Samp. Date	Samp. Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR80171A	RZ	6/5/99	RG	10	M	NAD 27	7	512237	7098965				AND	PYR			BN	QL	OXI	W	
VR80172A	RZ	6/5/99	RG			NAD 27	7	512203	7098897				AND	POY			OR	BN	SLC	M	
VR80173A	RZ	6/5/99	RG	5	M	NAD 27	7	511653	7097485				AND	PYR	POY		OR	BN	OXI	M	
VR80174A	RZ	6/5/99	RG	5	M	NAD 27	7	511403	7097324				AND	PYR			OR	BN	OXI	M	
VR80175A	RZ	6/5/99	RG	3	M	NAD 27	7	510573	7096864				AND	PYR			BN	GY	OXI	W	
VR80176A	RZ	6/5/99	FL			NAD 27	7	510367	7096868				QZT	ABX	VUG		BK		OXI	S	
VR80177A	RZ	6/5/99	FL			NAD 27	7	506890	7097521				QTZ	SCH			RD	BN	OXI	M	
VR80178A	RZ	6/5/99	FL			NAD 27	7	506933	7097607				QZT	BRX	VUG				OXI	S	
VR80179A	RZ	6/5/99	FL			NAD 27	7	506884	7097857				QTZ				BN				
VR80180A	RZ	6/9/99	FL			NAD 27	7	507640	7101367				CLY				OR	WT	OXI	S	
VR80181A	RZ	6/9/99	FL			NAD 27	7	507640	7101367				CLY	GRA			GY	BK			
VR80182A	RZ	6/9/99	FL	10	M	NAD 27	7	507640	7101367				CLY				GY				
VR80183A	RZ	6/6/99	FL			NAD 27	7	507589	7101387				QZT	MUS			OR	WT	OXI	M	
VR80184A	RZ	6/6/99	FL			NAD 27	7	507616	7101390				QZT	MUS	QTZ	VEN	OR	WT	OXI	M	
VR80185A	RZ	6/6/99	RG	3	M	NAD 27	7	505718	7101122				QZT	MUS			OR	BN	OXI	W	
VR80186A	RZ	6/6/99	RG			NAD 27	7	505779	7101129				QZT	MUS					OXI	M	
VR80187A	RZ	6/6/99	FL			NAD 27	7	505756	7101137				VEN	BRX			WT	GY			
VR80188A	RZ	6/7/99	FL			NAD 27	7	511232	7095954				GOU	AND			GN	GY			
VR80189A	RZ	6/7/99	FL			NAD 27	7	511231	7095936				AND	VUG					SLC	M	OXI
VR80190A	RZ	6/8/99	RG			NAD 27	7	514194	7098890				AND	CAL			GY	BN	OXI	W	

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR80171A		LIM	5												POSSIBLE BLOCK PYROCLASTIC FLOW OR AUTO BRECCIA. LIMONITE IS PRESENT AS A STAIN.
VR80172A		PYY	0.1	DIS	CPY										SAMPLE TAKEN FRO A WEAK GOSSAN. CPY MAY BE PRESENT IN TRACE AMOUNTS. SAMPLE IS A ROCK GRAB SAMPLE.
VR80173A		LIM	5												THIS IS A ROCK GRAB SAMPLE TAKEN OVER 5 m. THE OUT CROP IS LIKE A GOSSAN. IT MAY BE A PYROCLASTIC BLOCK FLOW. THE OUTCROP IS IRREGULARLY WEATHERED AND LIMONITE OCCURS AS A STAIN. CLASTS ARE SUBROUNDED TO SUB-ANGULAR, 3 - 15 cm.
VR80174A		LIM	5												SAMPLE WAS TAKEN FROM THE SIDE OF THE ROAD. LIMONITE IS PRESENT ON THE SAMPLE AND OCCURS AS A STAIN.
VR80175A		LIM	5												THIS IS A ROCK GRAB SAMPLE TAKEN OVER 3 m. IT IS TAKEN FROM AN ANDESITE OUTCROP WHICH IS COVERED BY A LIMONITE STAIN.
VR80176A		LIM	15	REP	GRA	10	STO	HEM	0.1						THIS IS A SAMPLE OF VUGGY QZT FLOAT. WITHIN THE SAMPLE LIMONITE OCCURS WITHIN VUGS, GRAPHITE AND SERICITE OCCUR ALONG FOLIATION PLANES AND HEMATITE IS PRESENT AS A STAIN.
VR80177A		HEM	5												THIS SAMPLE WAS TAKEN FROM A QTZ SCHIST BOULDER (FLOAT) WHICH WAS 10*15*10 cm3. HEMATITE OCCURS AS A STAIN ON THE SAMPLE.
VR80178A		JAR	10	REP	GRA	5	STO								THIS IS A GRAB SAMPLE OF SEVERAL PIECES OF FLOAT FOUND IN A CAT BANK CUT. THE SAMPLE IS A QUARTZITE BRECCIA WHICH HAS AN UNUSUALLY EARTHY YELLOW OXIDE MINERAL WITHIN IT. THIS MINERAL MAY BE JAROSITE AND IS A REPLACEMENT MINERAL WHICH OCCURS WITHIN VUGS. IT MAY ALSO BE A MERCURY OR ANTIMONY OXIDE.
VR80179A		PYY	1	STO	CPY	0.1									SAMPLE WAS TAKEN FROM FLOAT NEAR MILLER CREEK. PYRITE AND CHALCOPYRITE ARE PRESENT IN SMALL QUANTITIES. THE PYRITE OCCURS ALONG FOLIATION PLANES. CPY AND PYY ARE SAID TO OCCUR UNDER CODE BLB. I DO NOT KNOW WHAT THIS CODE STANDS FOR.
VR80180A		CLA	70												THIS IS A FLOAT SAMPLE OF FAULT GOUGE. THE SAMPLE HAS UNDERGONE STRONG OXIDATION AND CLAY ALTERATION. THE TYPE OF CLAY ALTERATION IS NOT SPECIFIED. THEREFOR, IT IS NOT ENTERED INTO THE ALTERATION FIELD. CLAY MAKES UP 70 % OF THIS SAMPLE.
VR80181A		GRA	30												FLOAT SAMPLE TAKEN FROM FAULT GOUGE. GRAPHITE MAKES UP 30 % OF THIS ROCK AND CLAY MAKES UP THE REMAINDER 70 %. SAMPLE WAS TAKEN FROM A HOE PILE.
VR80182A															THIS IS A FLOAT GRAB SAMPLE OF FAULT GOUGE WHICH WAS TAKEN FROM A HOE PILE SAMPLED OVER 10m. THE SAMPLE CARD STATES THAT THE SAMPLE HAS UNDERGONE CLAY ALTERATION. THE CARD DOES NOT DISTINGUISH THE DEGREE TO WHICH THE ROCK HAS BEEN ALTERED NOR DOES IT DISTINGUISH THE TYPE OF CLAY ALTERATION. AS A RESULT THE ALTERATION FIELD HAS BEEN LEFT BLANK.
VR80183A		PYY	0.1	STF	CPY	0.1	STF								THIS IS A FLOAT SAMPLE OF QUARTZITE. THE FLOAT IS 15 cm3. THE SULFIDES IN THE SAMPLE OCCUR ALONG FRACTURES.
VR80184A		PYY	0.1	DIS							FOL				THIS IS A SAMPLE OF QUARTZITE FLOAT WHICH WAS SAMPLED 1 m FROM THE OUTCROP. THE SAMPLED PIECE OF FLOAT HAS VEINLETS WHICH CROSS-CUT THE FOLIATION. THE PYRITE WITHIN THE SAMPLE OCCURS AS DISSEMENATED GRAINS WHICH ARE FOUND ALONG FOLIATION PLANES.
VR80185A		PYY	0.1	DIS							FOL				THIS IS A ROCK GRAB SAMPLE TAKEN OVER 3 m. THE SAMPLE IS QUARTZITE WITH SOME DISSEMINATED SULFIDES.
VR80186A		LIM	5		PYY	0.1	DIS				FLD				THIS IS A ROCK GRAB SAMPLE OF QUARTZITE. LIMONITE OCCURS AS A STAIN. THE SAMPLE WAS TAKEN FROM A FOLDED AREA.
VR80187A															THIS IS A SAMPLE OF EPITHERMAL FRACTURED FLOAT. THE SAMPLE DISPLAYS COCKADE OPEN SPACE TEXTURES. CLASTS ARE ANGULAR. SAMPLE IS 35 cm3.
VR80188A		CLA	80												SAMPLE WAS TAKEN FROM 60 MILE VALLEY. THE SAMPLE MAY BE A CLAY GOUGE. THE SAMPLE MAY HAVE BEEN PYRITE RICH AT ONE TIME. NOW, HOWEVER, THE PYRITE IS ALL DECOMPOSED. INITIALLY THE ROCK MAY HAVE BEEN A PORPHYRITIC ANDESITE 160 DEGREE STRIKE (OF VALLEY OR FAULT, OR SUB CROP ??)?
VR80189A	M	PYY	3												SAMPLE OF VUGGY ANDESITE FLOAT WITH A PITTED RUSTY SURFACE. PYRITE IS SAID TO OCCUR AS CODE BLB AND ALSO AS CODE STR? (NEITHER OF THESE CODES ARE IN THE DATA BASE).
VR80190A		CAL	10												SAMPLE FROM A 1 m WIDE CALCITE STR ZONE IN ANDESITE. CALCITE IS AN ALTERATION PRODUCT AND OCCURS AS STR. STR MAY STAND FOR STRINGERS. THIS IS A ROCK GRAB SAMPLE.

Sample Number	Assay Cert.	Au ppb	Ag ppm	Al %	As ppm	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 %
VR80171A	A9919805	-1	-0.02	1.22	2.8	-10	1220	0.85	0.08	0.41	0.12	5.6	26	9.4	2.5	7.5	-0.1	-0.01	0.09	10	0.63	700	0.6	0.08
VR80172A	A9919805	-1	0.06	1.44	5.2	-10	90	0.65	0.03	0.44	0.26	2.2	26	11.2	2	7	0.1	-0.01	0.12	10	0.41	340	1.6	0.1
VR80173A	A9919805	-1	0.12	1.75	9.6	-10	490	1	0.04	3.53	3.18	20.2	59	36.2	4.91	8.7	0.1	0.07	0.11	10	1.28	1510	1.4	0.04
VR80174A	A9919805	-1	0.14	0.71	2	-10	660	0.85	0.05	3.23	1.26	5.4	29	6.2	2.27	1.9	-0.1	-0.01	0.08	30	0.62	735	0.6	0.03
VR80175A	A9919805	5	0.06	0.72	5.6	-10	1470	1	0.02	0.98	0.52	5.8	15	6	2.43	1.5	-0.1	0.15	0.15	10	0.07	1310	0.8	0.01
VR80176A	A9919805	2	0.7	0.67	88.8	-10	180	0.65	0.21	0.58	2.18	25	99	308	3.93	1.1	-0.1	0.17	0.11	-10	0.03	340	10.4	0.01
VR80177A	A9919805	23	0.86	0.17	11.8	-10	400	-0.05	0.22	0.01	0.02	0.6	113	2.8	0.43	0.5	-0.1	-0.01	0.08	-10	-0.01	30	3.2	0.01
VR80178A	A9919805	130	2.9	0.17	2130	-10	420	-0.05	0.12	0.01	0.06	0.6	180	8.4	3.65	2.4	-0.1	0.09	0.56	-10	-0.01	20	4.8	0.01
VR80179A	A9919805	4	0.82	0.1	52.6	-10	60	0.05	0.22	2.18	0.56	4	162	56.1	1.57	0.2	-0.1	-0.01	0.03	-10	1.17	945	1.8	-0.01
VR80180A	A9919805	7	1.22	0.38	260	-10	80	0.4	0.22	0.06	0.72	4.8	73	40.2	1.63	1.6	-0.1	0.05	0.1	-10	0.06	200	2.2	0.01
VR80181A	A9919805	3	1.2	0.28	12.6	-10	90	0.4	0.14	0.85	12.05	10.8	122	81.7	2.82	1.1	-0.1	0.06	0.15	-10	0.44	530	7.4	0.01
VR80182A	A9919805	7	1.02	0.37	231	-10	330	0.5	0.26	0.91	2.38	10.8	69	75.5	3.6	1.3	-0.1	0.04	0.13	-10	0.84	655	4.4	0.01
VR80183A	A9919805	-1	0.2	0.17	17.6	-10	320	0.05	0.09	1.31	1.04	3.6	109	30.2	1.12	0.5	-0.1	-0.01	0.06	-10	0.57	1360	0.8	0.01
VR80184A	A9919805	2	0.22	0.16	39.2	-10	170	0.1	0.2	1.04	0.68	3	120	12.2	1.04	0.4	-0.1	-0.01	0.07	-10	0.46	540	0.8	0.01
VR80185A	A9919805	5	0.18	0.35	4.2	-10	270	0.2	0.11	0.14	0.06	14	98	119.5	1.7	1.5	-0.1	-0.01	0.14	-10	0.29	1130	0.6	0.01
VR80186A	A9919805	2	0.18	0.93	8	-10	490	0.25	0.14	0.09	0.2	10	95	112	1.81	2.7	-0.1	-0.01	0.26	10	0.47	840	4.4	0.01
VR80187A	A9919805	-1	0.02	0.15	3.6	-10	60	0.05	0.08	-0.01	0.02	1.2	148	8.2	0.44	0.4	-0.1	-0.01	0.04	-10	0.01	80	1.6	-0.01
VR80188A	A9920325	-5	0.32	1.45	7.6	-10	190	0.35	1.07	0.29	0.08	9.2	38	14.2	2.86	4.8	0.1	0.02	0.19	30	0.38	180	4.4	0.06
VR80189A	A9920325	20	1	1.01	4.4	-10	40	0.75	2.59	2	5.5	11.4	40	17.4	4.38	4.2	-0.1	0.04	0.15	10	1.2	1650	3.4	0.03
VR80190A	A9920325	-5	-0.02	1.74	1.2	-10	140	1.15	0.03	3.45	0.26	10.8	56	5.4	2.73	8	-0.1	-0.01	0.05	20	1.48	705	0.8	0.05

Sample Number	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR80171A	6	820	8	0.03	-0.1	3		52	-0.05	-0.01	-0.02	0.6	34	0.05	56	
VR80172A	3	570	16	0.63	-0.1	4		104	0.4	0.11	0.02	1.25	34	0.1	54	
VR80173A	17	2070	16	0.21	0.2	18		138	0.05	0.01	0.42	0.4	127	0.3	94	
VR80174A	6	680	8	0.04	-0.1	3		147	-0.05	-0.01	0.02	0.3	32	-0.05	60	
VR80175A	4	710	40	0.03	0.1	3		32	-0.05	-0.01	0.66	0.6	21	0.4	130	
VR80176A	178	3290	84	0.06	7.2	2		171	0.05	-0.01	0.12	9.3	42	0.45	524	
VR80177A	3	60	10	0.01	2.3	-1		28	-0.05	-0.01	0.08	0.3	7	0.4	4	
VR80178A	5	1780	86	0.92	14.4	4		182	0.05	-0.01	1.04	1.45	21	2.3	6	
VR80179A	20	80	42	0.69	0.4	-1		56	0.05	-0.01	-0.02	1.95	4	0.3	36	
VR80180A	23	390	54	0.08	1.4	2		20	0.05	-0.01	0.26	3.05	22	0.95	830	
VR80181A	56	740	58	1.61	0.9	1		14	0.05	-0.01	0.08	1.8	31	0.4	1580	
VR80182A	46	670	56	1.08	0.9	5		21	0.05	-0.01	0.18	2.55	29	0.5	674	
VR80183A	12	210	30	0.37	0.4	-1		16	-0.05	-0.01	-0.02	0.4	6	0.15	94	
VR80184A	11	240	36	0.35	0.3	-1		13	-0.05	-0.01	-0.02	0.35	4	0.25	68	
VR80185A	20	150	6	0.09	0.2	2		8	0.05	-0.01	0.02	0.45	1	0.1	42	
VR80186A	23	270	8	0.12	-0.1	1		8	0.05	0.01	0.06	1.4	16	0.15	52	
VR80187A	9	30	-2	-0.01	5.2	-1		1	-0.05	-0.01	-0.02	0.15	5	0.1	10	
VR80188A	7	1420	42	1.4	0.3	5		78	0.05	-0.01	0.14	0.9	40	0.3	68	
VR80189A	8	1490	152	3.23	0.2	8		153	0.05	-0.01	0.16	0.65	55	0.05	592	
VR80190A	31	1030	4	0.01	-0.1	6		95	-0.05	0.02	-0.02	1.1	64	0.1	58	

Sample Number	Geol	Samp. Date	Samp. Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR80191A	RZ	6/8/99	FL			NAD 27	7	513224	7098254				AND	PYR	POY		OR	BN	OXI	M	ARG
VR80192A	RZ	6/8/99	FL			NAD 27	7	513223	7098316				AND	PYR	POY		OR	GY	OXI	W	ARG
VR80193A	RZ	6/8/99	FL			NAD 27	7	512475	7097062				AND	POY			OR	WT	ARG	S	SLC
VR80194A	RZ	6/8/99	FL			NAD 27	7	510894	7095654				AND				OR		OXI	S	
VR80195A	RZ	6/8/99	RG	1	M	NAD 27	7	510909	7095670				AND	POY			GY		OXI	M	SLC
VR80196A	RZ	6/8/99	FL			NAD 27	7	510908	7095603				AND				OR	WT	ARG	S	OXI
VR80197A	RZ	6/8/99	RG			NAD 27	7	510907	7095612				CLY				OR	WT	OXI	S	ARG
VR80198A	RZ	6/8/99	FL			NAD 27	7	510838	7095641				AND						ARG	S	OXI
VR80199A	RZ	6/9/99	FL			NAD 27	7	509967	7095406				QZT	GNT			OR	YW	OXI	W	
VR80200A	RZ	6/9/99	FL			NAD 27	7	509940	7095325				GNT	MEG			GY				
VR80321A	RZ	6/9/99	FL			NAD 27	7	509940	7095325				QTZ	PYY					SFD	S	
VR80322A	RZ	6/10/99	RC	3	M	NAD 27	7	511906	7099799				AND		POY		GY	OR	OXI	M	ARG
VR80323A	RZ	6/11/99	FL			NAD 27	7	506610	7095874				ULM				GN	BN			
VR80324A	RZ	6/13/99	FL			NAD 27	7	505385	7102363				SKR				GN				
VR80325A	RZ	6/13/99	RG			NAD 27	7	505320	7102750				DAC				TA		OXI	W	
VR80326A	RZ	6/14/99	RG	3	M	NAD 27	7	506713	7102384				QZT	VUG			WT		BLE	M	SLC
VR80327A	RZ	6/14/99	RG			NAD 27	7	510285	7100740				TUF	AND	FIG		BN	GY	PRP	W	
VR80328A	RZ	6/15/99	FL			NAD 27	7	505466	7098196				QZT				WT	BN	BLE	S	SLC
VR80329A	RZ	6/15/99	RG			NAD 27	7	505411	7098090				QTZ	VEN			WT	OR	OXI	M	SLC
VR80330A	RZ	6/15/99	FL			NAD 27	7	505021	7097619				QZT	QTZ	VEN		WT		SLC	S	

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR80191A	W	LIM	5												FLOAT SAMPLE TAKEN IN A PIT. THE LIMONITE OCCURS AS A STAIN ON THE SURFACE OF THE SAMPLE.
VR80192A	W	LIM	3												ANDESITE FLOAT SAMPLE TAKEN IN PIT. LIM OCCURS AS A STAIN ON THE SURFACE OF THE SAMPLE. THE STAIN IS NOT PENETRATIVE
VR80193A	M	PYY	0.3		CPY	0.1									FLOAT SAMPLE TAKEN ON THE EASTERN EDGE AND DOWNSTREAM OF FRANK HOWKERS' KURT CLAIMS. PYRITE AND CHALCOPYRITE OCCUR AS BLB (BLEBS?) AND AS STR (STRINGERS?)
VR80194A		PYY	5	DIS											FLOAT SAMPLE TAKEN FROM PIT DUG INTO LIMONITE AND CLAY RICH SOIL. PYRITE OCCURS AS DISSEMINATED GRAINS AS WELL AS BLB (BLEBS). THE SAMPLE HAS UNDERGONE MODERATE CLAY ALTERATION.
VR80195A	W	PYY	5												ROCK GRAB SAMPLE TAKEN OVER 1M WITHIN A PIT. THE SAMPLE CONTAINS 5 % PYRITE WHICH OCCURS AS BLB (BLEBS).
VR80196A	M	DOL	2	VEN	PYY	2		CDY	3	VEN					ANDESITE FLOAT SAMPLE WHICH DISPLAYS EPITHERMAL ALTERATION. PYRITE AND CHALCOPYRITE OCCUR WITHIN THE SAMPLE AS BLEBS. DOLOMITE IS FOUND WITHIN THE SAMPLE OCCURRING WITHIN VEINS AND STR (STRINGERS?)
VR80197A	S	LIM	10												ROCK GRAB SAMPLE TAKEN FROM SUBCROP IN A PIT.
VR80198A	M	PYY	2	DIS	CPY	0.1		CDY	5						FLOAT SAMPLE TAKEN FROM A PIT. PYRITE OCCURS AS DISSEMINATED GRAINS AS WELL AS IN STRINGERS. CHALCEDONY ALSO OCCURS AS STRINGERS AND CHALCHOPYRITE OCCURS AS BLEBS.
VR80199A		PYY	5	STO	CPY	0.1					FOL				FLOAT SAMPLE TAKEN FROM A 10*20 m TEST PIT. FLOAT IS ANGULAR AND FOLIATED. IT IS POSSIBLY A FOLIATED GRANITE BUT MOST LIKELY IT IS A QUARTZITE. PYRITE OCCURS ALONG FOLIATION PLANES AND IN QTZ VEINS. CHALCOPYRITE OCCURS AS BLEBS AND WITHIN QTZ VEINS.
VR80200A		PYY	1	DIS											FLOAT SAMPLE TAKEN FROM 10 m *15m PIT. FLOAT IS SUB ANGULAR WITH PYRITE OCCURING AS DISSEMINATED GRAINS AS WELL AS VEINLETS.
VR80321A		PYY	50	MAS											FLOAT SAMPLE TAKEN FROM THE SAME PIT AS SAMPLE VR80200. THE SAMPLE IS 50 % PYRITE AND HAS UNDERGONE STRONG PYRITE ALTERATION. THE PYRITE IS MASSIVE BUT ALSO OCCURS AS GRANULAR CRYSTALS.
VR80322A	S	LIM	5	STO											ROCK GRAB SAMPLE TAKEN OVER 3 m. SAMPLE WAS TAKEN NEAR THE CAMP IN A PLACER CUT. SAMPLE IS FROM A GOSSANOUS AND VERY FRACTURED OUT CROP. LIMONITE OCCURS ALONG JOINT SURFACES.
VR80323A		ANK	5		MAG	3	XLN								FLOAT SAMPLE TAKEN FROM SUB-CROP OF LISTWANITE. SAMPLE HAS UNDERGONE STRONG ANKERITE ALTERATION. ANKERITE OCCURS IN STRINGERS. CRYSTALLINE MAGNETITE IS ALSO PRESENT IN THE SAMPLE.
VR80324A		ACT	45	XLN	TRE	45	XLN	CAL	10	STF					FLOAT SAMPLE OF CALC-SILICATE WITH DIMENSIONS 30 cm * 20 cm *20 cm. CALCITE WITHIN THE SAMPLE OCCURS INTERSTITALLY AND ALONG FRACTURES. IT SHOULD BE NOTED THAT A ROCK MODIFIER CODE OF COG IS USED ON THIS CARD. I AM NOT SURE WHAT THIS MEANS. POSSIBLY COARSE GRAINED.
VR80325A		PYY	0.1												HYPABYSSAL DACITE THAT CONTAINS THE MINERAL PYRITE IN TRACE AMOUNTS. . PYRITE OCCURS AS BLEBS WITHIN THE SAMPLE. THIS IS A ROCK GRAB SAMPLE.
VR80326A	M	LIM	0.1												ROCK GRAB SAMPLE TAKEN OVER 3 m. THE QZT IS VUGGY AND LIMONITE OCCURS WITHIN THE VUGS. THE QUARTZITE WAS POSSIBLY FLOODED BY FLUIDS FROM A NEARBY QTZ VEIN
VR80327A		LIM	5								FRA				ROCK GRAB SAMPLE OF A HIGHLY FRACTURED ANDESITE TUFF. LIMONITE WITHIN THE SAMPLE OCCURS AS A STAIN.
VR80328A	S	LIM	2	STO	MNX	2	STO	HEM	0.1	STO					FLOAT SAMPLE OF STRONGLY SILICIFIED AND BLEACHED QUARTZITE. LIMONITE, MANGANESE OXIDE AND HEMATITE ARE PRESENT WITHIN THE SAMPLE AND OCCUR AS STAINS ALONG JOINTS.
VR80329A	W	LIM	5	STO	HEM	0.1	STO	JAR	0.1	STO					ROCK GRAB SAMPLE OF A QUARTZ VEIN. THE QUARTZ VEIN IS JOINTED AND HAS TENSION GASHES. THE OXIDE MINERALS WITHIN THE VEIN OCCUR AS STAINS ALONG JOINT AND GASH SURFACES. SMALLER QTZ VEINLETS CROSS CUT THE SAMPLE. NEAR STATION RD-30
VR80330A		ARS	0.1	VEN	LIM	0.1		JAR	0.1						FLOAT SAMPLE OF QUARTZITE TAKEN FROM A SUB-CROP. A 2 cm WIDE QTZ VEIN CROSS CUTS THE SAMPLE. ARSENOPYRITE OCCURS AS VERY SMALL BLEBS AND GRAINS WITHIN THE QTZ VEIN. IN ADDITION TO LIMONITE AND JAROSITE THE SAMPLE ALSO CONTAINS SCORODITE IN TRACE AMOUNTS.

Sample Number	Assay Cert	Au ppb	Ag ppm	Al %	As ppm	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 %
VR80191A	A9920325	-5	0.02	0.63	3.8	-10	80	0.8	0.01	2.28	0.44	13.6	45	2.4	3.28	1.6	-0.1	0.02	0.21	10	0.75	1890	1.2	0.01
VR80192A	A9920325	-5	0.1	0.67	4.2	-10	270	0.7	0.03	1.56	0.46	8.6	54	10.2	2.44	1.6	-0.1	0.01	0.21	10	0.51	540	1.6	0.01
VR80193A	A9920325	15	0.84	0.88	11	-10	60	0.35	1.91	0.66	0.3	5.4	35	79.4	5.86	2.1	0.1	0.01	0.45	-10	0.39	910	3.2	0.02
VR80194A	A9920325	205	7.6	0.41	237	-10	30	0.55	4.99	0.96	17.3	37.6	46	140.5	11.15	1.5	0.1	0.55	0.25	-10	0.22	3770	2	0.01
VR80195A	A9920325	-5	0.12	1.9	5.2	-10	210	0.55	0.66	1.05	0.22	13.8	28	5.8	6.14	8.7	0.2	-0.01	0.13	10	1.58	1565	2.8	0.08
VR80196A	A9920325	-5	0.06	0.5	5.4	-10	50	0.55	0.53	7.51	0.08	16.4	36	14.4	4.87	1.4	-0.1	0.1	0.05	10	3.51	1135	1.2	0.01
VR80197A	A9920325	30	2.38	0.52	56.8	-10	110	0.3	1.96	0.85	0.6	7.6	31	5.8	4.05	1.5	0.1	0.13	0.32	-10	0.11	740	2	0.01
VR80198A	A9920325	-5	0.6	0.6	8.2	-10	140	0.95	1.78	5.39	0.46	15.2	26	8.2	5.16	1.7	-0.1	0.1	0.11	-10	2.27	2300	3.6	0.01
VR80199A	A9920325	-5	0.16	0.46	1	-10	120	0.1	0.58	0.04	0.06	6.8	142	5	2.53	1.8	-0.1	0.06	0.16	-10	0.26	55	0.4	0.01
VR80200A	A9920325	-5	-0.02	1.51	0.8	-10	690	0.4	0.24	0.48	0.08	4.4	67	18	2.38	7.2	-0.1	0.01	0.17	10	0.99	390	0.2	0.04
VR80321A	A9920325	5	0.78	0.06	2.2	-10	-10	-0.05	1.18	0.03	0.46	54.3	120	3.2	15	0.3	0.4	0.07	0.03	-10	0.01	15	0.6	-0.01
VR80322A	A9920325	-5	0.02	0.77	1.4	-10	770	1.2	-0.01	0.16	0.06	1.8	15	5.8	1.4	1.6	-0.1	-0.01	0.15	10	0.06	110	1	0.01
VR80323A	A9920325	-5	-0.02	0.61	2.2	-10	480	0.05	0.04	0.69	-0.02	66.9	1240	9.4	3.36	1.4	-0.1	0.03	0.04	-10	11.4	580	0.2	0.01
VR80324A	A9920796	-5	0.02	0.55	1.6	-10	10	-0.05	0.07	2.16	0.16	6.4	146	13	0.58	0.9	-0.1	-0.01	-0.01	-10	0.83	290	-0.2	0.01
VR80325A	A9920796	-5	0.3	1.29	1.8	-10	550	1.35	1.38	0.58	0.38	20.2	57	27.4	2.42	19.8	0.1	0.03	0.09	10	0.9	670	4.4	0.07
VR80326A	A9920796	-5	0.24	0.16	1.6	-10	1520	-0.05	0.04	0.01	-0.02	0.2	122	9.4	0.63	0.3	-0.1	0.01	0.08	-10	0.01	15	0.6	-0.01
VR80327A	A9920796	-5	0.02	2.34	0.8	-10	90	0.5	0.04	1.39	0.22	12.4	18	12	4.54	7.6	0.2	0.01	0.13	10	0.84	795	1.2	0.26
VR80328A	A9920796	-5	0.02	0.11	253	-10	40	0.05	0.01	-0.01	0.2	4.2	171	21.2	1.18	0.4	-0.1	-0.01	0.03	-10	-0.01	175	0.6	-0.01
VR80329A	A9920796	25	0.38	0.16	58	-10	30	0.05	0.15	0.01	0.18	10	128	37.4	3.34	0.9	-0.1	0.02	0.03	-10	-0.01	235	0.8	-0.01
VR80330A	A9920796	10	0.84	0.01	3580	-10	40	-0.05	0.2	-0.01	-0.02	0.8	201	11.8	0.66	0.2	-0.1	-0.01	-0.01	-10	-0.01	15	0.6	-0.01

Sample Number	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR80191A	11	1170	16	0.04	0.5	7		68	-0.05	0.01	0.08	0.55	56	1.2	166	
VR80192A	9	1180	18	0.04	0.5	7		52	-0.05	0.03	0.08	0.7	54	1.2	148	
VR80193A	3	690	78	4.97	4.7	-1		13	0.15	-0.01	0.28	1.85	7	0.6	80	
VR80194A	6	1390	1195	5	1.9	5		17	1.45	-0.01	0.24	0.5	28	0.55	2550	
VR80195A	5	2020	10	0.66	0.2	10		58	0.05	0.11	0.1	0.3	138	0.25	118	
VR80196A	4	1200	10	1.21	0.7	11		176	0.15	-0.01	0.06	0.4	98	1.05	98	
VR80197A	3	540	108	2.91	0.9	4		22	0.15	-0.01	0.3	0.4	27	0.8	190	
VR80198A	5	1260	36	2.31	0.5	12		145	0.15	-0.01	0.26	0.5	95	0.85	156	
VR80199A	9	100	8	2.04	-0.1	1		19	0.15	-0.01	0.06	0.4	15	0.15	16	
VR80200A	3	1200	10	0.24	-0.1	2		41	-0.05	0.09	0.08	1.8	42	0.2	60	
VR80321A	8	20	-2	5	0.1	-1		7	1.3	-0.01	-0.02	0.05	1	0.25	60	
VR80322A	3	480	12	0.05	-0.1	4		33	-0.05	-0.01	0.02	0.65	17	-0.05	36	
VR80323A	969	-10	-2	0.04	-0.1	5		122	0.05	-0.01	0.02	0.15	17	-0.05	22	
VR80324A	22	20	-2	0.01	-0.1	1		33	-0.05	0.03	-0.02	0.05	14	0.15	12	
VR80325A	14	900	6	0.08	0.2	5		52	0.1	0.03	0.1	1.75	51	0.35	52	
VR80326A	4	70	2	0.04	-0.1	-1		5	-0.05	-0.01	0.02	0.2	4	0.15	14	
VR80327A	5	2390	2	-0.01	-0.1	5		193	-0.05	0.26	-0.02	0.5	127	0.2	86	
VR80328A	14	140	2	-0.01	0.3	-1		1	-0.05	-0.01	-0.02	0.6	5	0.2	88	
VR80329A	25	270	6	0.01	1.4	1		5	0.05	-0.01	0.04	0.8	12	0.2	130	
VR80330A	4	30	10	0.06	1	-1		-1	0.15	-0.01	-0.02	-0.05	-1	0.25	-2	

Sample Number	Geol	Samp Date	Samp. Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR80331A	RZ	6/15/99	RG			NAD 27	7	505005	7097556				QTZ	VEN	VUG		WT		OXI	W	
VR80332A	RZ	6/16/99	RG			NAD 27	7	505192	7102616				SKR				WT	GY			
VR80333A	RZ	6/16/99	RG			NAD 27	7	505400	7102967				DAC	POY							
VR80334A	RZ	6/16/99	FL			NAD 27	7	503886	7102696				QZT	MUS	VUG				OXI	S	SLC
VR80335A	RZ	6/16/99	RK			NAD 27	7	504748	7102491				QTZ	VEN	VUG	BRX	GY		SLC	S	
VR80336A	RZ	6/16/99	FL			NAD 27	7	504711	7102521				QZT	GRA	QTZ	VEN	GY		OXI	M	
VR80337A	RZ	6/18/99	RG			NAD 27	7	502508	7103806				QZT	VUG	BRX		GY		OXI	S	
VR80338A	RZ	6/20/99	FL			NAD 27	7	505743	7097378				QZT	QTZ	VUG		WT		SLC	S	
VR80339A	RZ	6/20/99	RG			NAD 27	7	506913	7103729				AND	POY					ARG	M	
VR80348A	RZ	7/12/99	RG			NAD 27	7	504868	7100364				QZT				YW	BN	OXI	M	
VR80349A	RZ	7/12/99	RG			NAD 27	7	504868	7100364				QTZ	VEN			YW	BN	OXI	M	
VR80350A	RZ	7/12/99	RG			NAD 27	7	504843	7100360				QZT	LAM			WT		SLC	M	BLE
VR80931A	JH/RA	9/10/98	RK			NAD 27	7	504224	7097444				QTZ	VEN							
VR80932A	JH	9/11/98	RK			NAD 27	7	505628	7097959				QTZ	VEN	MET						
VR80933A	AD/JH	9/12/98	RG			NAD 27	7	506979	7097140				QZT	SCH	MUS		TA		MUS	M	
VR83201A	RD	6/3/99	FL			NAD 27	7	509919	7100246				QZT	GRA			BK	GY	OXI	M	
VR83202A	RD	6/5/99	FL			NAD 27	7	505986	7098381				QTZ	BAN	VEN	FAG	WT	BN	OXI	S	
VR83203A	RD	6/5/99	FL			NAD 27	7	506049	7098316				QTZ	ANC	BRX	VEN	GY				
VR83204A	RD	6/5/99	FL			NAD 27	7	506049	7098316				QTZ	VEN	BRX		WT	BN	OXI	M	
VR83205A	RD	6/5/99	FL			NAD 27	7	506035	7098320				CAT	BRX	FAG		BK	BN	OXI	S	
VR83206A	RD	6/5/99	FL			NAD 27	7	506058	7098283				QZT	STO	BLK	VEN	GY		OXI	W	
VR83207A	RD	6/6/99	FL			NAD 27	7	512770	7099012				AND	BRX	CSP	ABX	WT	GY	ARG	S	SLC
VR83208A	RD	6/6/99	RG			NAD 27	7	512784	7099079				AND	BRX	ABX	HYB	WT		ARG	S	OXI
VR83209A	RD	6/6/99	RG			NAD 27	7	512784	7099079				AND				BN		OXI	S	

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR80331A		ARS	0.1	XLN	LIM	1	REP	JAR	0.1	REP					ROCK GRAB SAMPLE OF A QTZ VEIN TAKEN AT STATION RD 033. QTZ VEIN IS 10 cm WIDE AND CROSS CUTS THE FOLIATION. REPLACEMENT MINERALS LIM AND JAR OCCUR IN VUGS.
VR80332A		TRE	30	XLN	CPY	0.1									ROCK GRAB SAMPLE OF A CALC-SILICATE TAKEN 50 m FROM THE DACITE PLUG CHALCOPYRITE OCCURS AS BLEBS WITHIN THE SAMPLE.
VR80333A		MAG	1	DIS											ROCK GRAB SAMPLE OF DACITE CONTAINING 1 % DISSEMINATED MAGNETITE.
VR80334A	M	LIM	10	REP							BOX				QUARTZITE FLOAT SAMPLE TAKEN FROM A LARGE BOULDER (1.5 m * 1.0 m * 0.5 m). LIMONITE WITHIN THE SAMPLE IS FOUND IN VUGS AND ALONG FOLIATION PLANES.
VR80335A		SFD	5								BOX				SAMPLE OF A VUGGY QTZ VEIN WHICH HAS A BOXWORK TEXTURE. 5 % OF THE SAMPLE CONSISTS OF A VERY FINE GRAINED SULFIDE, POSSIBLY PYRITE. THE ROCK IS A FAULT VEIN BRECCIA.
VR80336A		LIM	3	STO	MNX	2	STO	HEM	0.1	STO	JOI				FLOAT SAMPLE TAKEN AT TRENCH CUT. OXIDE MINERALS WITHIN THE SAMPLE OCCUR AS STAINS ALONG JOINT AND FRACTURE SURFACES.
VR80337A		JAR	5		LIM	5					FRA				ROCK GRAB SAMPLE OF A FRACTURED, BRECCIATED QUARTZITE TAKEN IN TRENCH. THE OXIDES OCCUR AS STAINS.
VR80338A		LIM	0.1		HEM	0.1									FLOAT SAMPLE OF A SILICA FLOODED QUARTZITE WITH CROSS CUTTING VEINLETS (1-3 cm). OXIDES OCCUR WITHIN VUGS.
VR80339A		LIM	0.1												ANDESITE ROCK GRAB SAMPLE WITH OXIDE STAIN. (LIMONITE OCCURS AS A STAIN.
VR80348A		LIM	5	STO	MNX	5	STO				JOI	90	60		ROCK GRAB SAMPLE OF QUARTZITE TAKEN IN A PIT. THE OXIDE MINERALS PRESENT OCCUR AS SURFICIAL STAINS ON THE ROCK AND ALONG JOINT SURFACES. THE SAMPLE IS JOINTED.
VR80349A		LIM	3												ROCK GRAB SAMPLE TAKEN FROM A 3 CM WIDE QTZ VEN. LIMONITE OCCURS AS A STAIN ON THE SURFACE OF THE VEIN.
VR80350A	M	LIM	1												ROCK GRAB SAMPLE TAKEN FROM A SILICIFIED AND BLEACHED QZT. OUTCROP WAS POSSIBLY BLEACHED AND SILICIFIED BY A NEARBY QTZ VEIN. LIMONITE IN THE SAMPLE OCCURS AS A STAIN.
VR80931A		FEX	tr												Large (1m wide) slightly iron stained and WT bull QTZ VEN found in FL.
VR80932A		MUS			LIM						FRA				Bull QTZ VEN in FL with LIM stain on FRA with some phenocrysts of MUS.
VR80933A		QTZ	90		MUS	8		PYY	tr						FL of MUS rich QZT with tr PYY.
VR83201A		GRA	10	STO	LIM	1					FOL				PALE GREEN SAMPLE OF QUARTZITE. THE SAMPLE MAY CONTAIN ARSENIC AND SCORODITE. THE LIMONITE OCCURS AS A STAIN ON THE SURFACE OF THE SAMPLE.
VR83202A		QTZ	65	VEN	LIM	35	REP	PYY	0.1	DIS					FLOAT SAMPLE TAKEN FROM AN EPITHERMAL STYLE VEIN WITH FINE GRAINED QTZ AND OPEN SPACED BANDING. THE SAMPLE HAS UNDERGONE INTENSE LIM WEATHERING. THE SAMPLE ALSO CONTAINS TRACE AMOUNTS OF PYRITE AND WEATHERED SULPHIDES.
VR83203A		QTZ	70	VEN	GRA	30	VEN								FLOAT SAMPLE TAKEN FROM A QTZ BRECCIA VEIN WITH A GRAPHITIC MATRIX.
VR83204A		QTZ	75	VEN	LIM	20	REP	SFD	5	DIS					FLOAT SAMPLE TAKEN FROM A FINE GRAINED MILLED/BRECCIATED QTZ VEIN OF POSSIBLE EPITHERMAL ORIGIN. SAMPLE HAS 5 % DARK WEATHERED SULPHIDES.
VR83205A		QTZ	40	VEN	GOE	25	VEN	LIM	25	VEN					CATACLASITE FLOAT SAMPLE. THE SAMPLE IS BRECCIATED. QTZ OCCURS AS VEIN MATERIAL BUT ALSO MAKES UP BRECCIA FRAGMENTS. GOE AND LIM ARE BOTH VEIN ALTERATION MINERALS AND ARE ALSO FOUND AS MATRIX WITHIN THE BRECCIA. SULPHIDES ARE DISSEMINATED AND HAVE BEEN WEATHERED. GRAPHITE IS PRESENT AND MAKES UP 8 % OF THE SAMPLE. THIS MINERAL IS A VEIN ALTERATION MINERAL AND IS PRESENT WITHIN THE BRECCIA MATRIX.
VR83206A		QTZ	80	VEN	LIM	10	REP	SFD	5	DIS					FLOAT SAMPLE OF BLOCKY, FRACTURED STOCKWORK AND QTZ VEIN WITH WEATHERED SULPHIDE. HEMATITE OCCURS AS A STAIN ALONG FRACTURE SURFACES (FRACTURE COATING).
VR83207A	W	PYY	0.1	DIS											FLOAT SAMPLE OF BLEACHED WHITE ARGILLICEOUS ANDESITE FLOW. THE FLOW MAY BE AN AUTO BRECCIA OR IT MAY BE A HYDROTHERMAL BRECCIA. ROB BELIEVES THAT IT IS A FLOW BRECCIA WHICH WAS LATER HYDROTHERMALLY ALTERED. PYRITE IS ALSO FOUND IN FRACTURES.
VR83208A	S	PYY	0.1	DIS	MNX	10	STO								ANDESITE ROCK GRAB SAMPLE. MNX OCCURS AS COATINGS ON FRACTURES. THIS SAMPLE HAS BEEN OXIDIZED AND ALTERED TO A GREATER DEGREE THAN SAMPLE VR83207
VR83209A		LIM	100	MAS											SAMPLE OF PURE ORANGE LIMONITE POWDER.

Sample Number	Assay Cert.	Au ppb	Ag ppm	Al %	As ppm	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 %
VR80331A	A9920796	65	0.32	0.04	4450	-10	70	-0.05	0.27	-0.01	0.14	0.8	187	24.4	0.86	0.3	-0.1	0.33	0.01	-10	-0.01	15	0.8	-0.01
VR80332A	A9920796	-5	0.08	2.36	12	-10	440	0.05	0.1	1.49	0.1	14.4	65	30	0.81	3.2	-0.1	-0.01	0.1	-10	1.31	170	-0.2	0.22
VR80333A	A9920796	-5	0.04	1.01	2	-10	570	0.5	0.15	0.74	0.06	6.4	67	4.8	2.44	5.8	0.1	0.01	0.09	10	0.94	600	1	0.11
VR80334A	A9920796	-5	0.08	0.36	6.4	-10	40	0.4	0.03	0.01	0.3	5.4	116	51.8	4.3	1.8	-0.1	-0.01	0.03	-10	0.07	275	3.2	-0.01
VR80335A	A9920796	35	2.2	0.15	65.4	-10	30	0.05	0.1	0.01	0.04	0.6	119	8.2	0.64	0.8	-0.1	-0.01	0.08	-10	0.01	20	2	-0.01
VR80336A	A9920796	-5	0.32	0.51	24.4	-10	80	0.2	0.04	0.01	0.34	1.8	149	73	2.53	1.2	-0.1	-0.01	0.05	-10	0.09	60	4.4	-0.01
VR80337A	A9921165	-5	0.12	1.28	26.6	-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	195	1	0.07
VR80338A	A9921165	-5	0.78	0.11	63.4	-10	140	-0.05	0.18	-0.01	-0.02	0.6	202	5.6	0.49	0.6	-0.1	0.04	0.04	-10	-0.01	20	1.8	0.01
VR80339A	A9921165	-5	0.02	0.5	0.2	-10	370	0.9	-0.01	3	0.1	5.6	27	3	1.96	1.5	-0.1	-0.01	0.19	10	0.88	750	0.2	0.04
VR80348A	A9923452	20	1.3	0.3	54.8	-10	10	0.15	0.88	-0.01	0.1	6.6	186	35.2	2.98	0.9	-0.1	-0.01	0.03	-10	0.03	140	5.6	-0.01
VR80349A	A9923452	5	0.44	0.28	34.2	-10	40	0.1	0.22	-0.01	0.04	2	149	22.2	2.06	0.8	-0.1	-0.01	0.04	-10	0.03	45	2.4	0.01
VR80350A	A9923452	-5	0.22	0.1	7.4	-10	20	-0.05	0.11	-0.01	-0.02	0.8	200	11	0.66	0.7	-0.1	-0.01	0.02	-10	0.03	25	1	-0.01
VR80931A	A9831731	-5	0.2	-0.01	2		-10	-0.5	-2	-0.01	-0.5	-1	240	1	0.26	-10		-1	-0.01	-10	-0.01	10	-1	-0.01
VR80932A	A9831731	-5	-0.2	0.04	154		10	-0.5	-2	-0.01	-0.5	1	258	9	0.62	-10		-1	-0.01	-10	-0.01	30	-1	-0.01
VR80933A	A9831731	-5	-0.2	0.51	82		210	-0.5	-2	0.17	-0.5	1	105	6	0.84	-10		-1	0.29	30	0.03	280	1	0.05
VR83201A	A9919805	18	1.56	0.18	92.6	-10	740	0.05	0.12	0.06	0.1	0.8	150	7.4	0.9	0.7	-0.1	0.02	0.11	-10	0.03	70	4.8	0.01
VR83202A	A9919805	3	1.22	0.06	92.8	-10	40	-0.05	0.03	-0.01	0.04	0.8	191	9.8	0.82	0.8	-0.1	-0.01	0.02	-10	-0.01	25	1	-0.01
VR83203A	A9919805	790	0.8	0.12	137	-10	210	-0.05	0.09	-0.01	0.06	0.8	150	11	0.8	0.7	-0.1	0.01	0.05	-10	-0.01	45	2.4	-0.01
VR83204A	A9919805	17	0.54	0.17	207	-10	40	0.05	0.19	-0.01	0.04	0.8	149	14.4	1.5	1.5	-0.1	0.11	0.01	-10	-0.01	50	1.8	-0.01
VR83205A	A9919805	40	0.32	0.34	1910	-10	100	0.15	0.09	0.04	0.34	3.6	89	187	13.95	1	0.1	0.19	0.05	-10	-0.01	430	6.6	0.01
VR83206A	A9919805	4	0.08	0.1	212	-10	50	-0.05	0.06	-0.01	0.04	0.8	135	18.2	1.17	0.4	-0.1	0.01	0.03	-10	-0.01	35	1.2	-0.01
VR83207A	A9919805	-1	-0.02	0.77	14.6	-10	70	0.6	0.06	0.14	0.08	2.6	30	13.8	1.85	1.7	-0.1	0.01	0.02	10	0.01	120	1.4	-0.01
VR83208A	A9919805	-1	-0.02	0.94	6.2	-10	90	0.7	0.1	0.4	0.14	2.8	49	17.8	1.76	2.2	-0.1	0.06	0.03	-10	0.02	195	2.2	-0.01
VR83209A	A9919805	-1	-0.02	2.09	2.4	-10	220	0.85	0.02	0.63	0.14	16.8	22	17.8	4.81	8	0.1	0.03	0.14	20	0.7	410	1.6	0.05

Sample Number	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR80331A	6	610	52	0.05	1.2	-1		4	0.15	-0.01	-0.02	0.3	3	0.2	6	
VR80332A	24	160	2	0.01	0.1	4		296	-0.05	0.03	0.02	-0.05	22	0.05	14	
VR80333A	10	820	8	0.01	-0.1	5		90	-0.05	0.1	0.02	0.85	51	0.45	52	
VR80334A	19	1210	2	0.01	0.6	3		6	-0.05	-0.01	-0.02	3.9	29	0.15	130	
VR80335A	3	110	4	-0.01	2	1		8	0.05	-0.01	0.08	0.65	3	0.15	6	
VR80336A	18	890	8	-0.01	1.4	-1		60	-0.05	-0.01	0.08	3	58	0.15	36	
VR80337A	24	830	16	-0.01	0.6	2		16	-0.05	0.07	0.06	2.5	38	0.25	28	
VR80338A	3	180	538	0.02	3.4	-1		10	0.05	-0.01	0.06	0.3	7	0.5	2	
VR80339A	5	840	8	-0.01	-0.1	6		552	-0.05	-0.01	0.02	0.6	31	-0.05	48	
VR80348A	53	540	248	-0.01	1.8	-1		-1		-0.01	0.02	1.1	3	0.25	318	
VR80349A	17	540	26	-0.01	0.8	-1		3		-0.01	0.02	1.2	7	0.25	92	
VR80350A	6	150	22	-0.01	0.8	-1		-1		-0.01	0.02	0.4	6	0.35	30	
VR80931A	2	-10	-2		-2	-1		-1		-0.01	-10	-10	-1	-10	-2	
VR80932A	3	40	14		-2	-1		-1		-0.01	-10	-10	3	-10	32	
VR80933A	4	140	12		-2	1		14		-0.01	-10	-10	3	-10	34	
VR83201A	3	1310	108	0.12	2.3	2		14	0.05	-0.01	0.04	0.75	14	0.35	10	
VR83202A	4	80	6	-0.01	2.8	-1		5	-0.05	-0.01	-0.02	0.1	4	0.25	2	
VR83203A	3	140	80	-0.01	7.3	-1		28	-0.05	-0.01	-0.02	0.4	6	0.55	4	
VR83204A	5	180	18	-0.01	18.1	-1		4	-0.05	-0.01	-0.02	0.6	10	0.95	28	
VR83205A	8	1510	20	0.02	35.4	3		12	0.1	-0.01	-0.02	5.35	45	0.25	120	
VR83206A	4	140	46	-0.01	2.2	-1		5	-0.05	-0.01	0.02	0.75	8	0.35	6	
VR83207A	8	640	32	-0.01	1.3	5		14	-0.05	-0.01	-0.02	0.85	36	1.65	50	
VR83208A	7	1620	6	-0.01	0.9	11		25	0.05	-0.01	-0.02	0.8	73	0.45	34	
VR83209A	8	1680	-2	-0.01	0.1	9		59	-0.05	0.12	0.12	0.85	95	0.2	96	

Sample Number	Geol	Samp. Date	Samp. Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR83210A	RD	6/6/99	RG			NAD 27	7	512681	7099108				AND	ABX			GN		CHL	W	
VR83211A	RD	6/6/99	FL			NAD 27	7	513214	7098918				AND	BRX	ABX	HYB	OR		KAO	S	OXI
VR83212A	RD	6/8/99	FL			NAD 27	7	506160	7098311				QZT	BRX	CSP	BXT	BN	BK	OXI	S	
VR83213A	RD	6/8/99	FL			NAD 27	7	506160	7098311				QZT	STO	BRX	HYB	BK	GY			
VR83214A	RD	6/8/99	FL			NAD 27	7	506342	7098117				SCH	GRA	BRX		WT	BK	ARG	W	OXI
VR83215A	RD	6/8/99	FL			NAD 27	7	506342	7098117				QTZ	BRX	BXT		WT		OXI	W	
VR83216A	RD	6/8/99	RC	10	C	NAD 27	7	506635	7098155				QZT	BED			BN		OXI	M	
VR83217A	RD	6/8/99	RG			NAD 27	7	506635	7098155				QZT	BED			BN		OXI	M	
VR83219A	RD	6/14/99	RC			NAD 27	7	503696	7101709				SHL	GRA	QTZ	VUG	BK				
VR83226A	RD	6/18/99	RG			NAD 27	7	502409	7103866				QZT	BRX	QTZ		BN	GY	OXI	S	
VR83227A	RD	6/18/99	RG			NAD 27	7	502012	7103777				QTZ	BRX	BXT	FRI			OXI	S	
VR83228A	RD	6/18/99	FL			NAD 27	7	500869	7103602				QTZ	VEN	BRX				OXI	W	SLC
VR83229A	RD	6/18/99	FL			NAD 27	7	500582	7103361				QZT	STO	OXI		WT	OR	OXI	W	SLC
VR83230A	RD	6/18/99	DR	1.52	M	NAD 27	7	511155	7096025				AND	BRX	ABX		WT	BN	SLC	S	CAR
VR83231A	RD	6/20/99	RG			NAD 27	7	508359	7097903				GNT	HYB			BN	WT	OXI	S	SLC
VR83234A	RD	7/10/99	RH	15	M	NAD 27	7	505857	7097429				QZT	STO	GRA	SCH	GY	WT	OXI	W	SLC
VR83235A	RD	7/10/99	RH	100	M	NAD 27	7	505938	7097602				QZT	GRA	MUS		GY	WT	SLC	S	OXI

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR83210A		PYT	1	DIS											SAMPLE OF FRESH ANDESITE FLOW AUTO BRECCIA WITH FINER GRAINED ANDESITE CLASTS THAN ALTERED MATERIAL IN SAMPLES VR83207 AND VR83209. THIS SAMPLE IS MORE DISTAL.
VR83211A	S	PYY	0.1	STO											STRONGLY ARGILLITE AND KAOLINITE ALTERED ANDESITE BRECCIA WITH A TRACE OF PYRITE FOUND IN FRACTURES. SLICKENSLIDES ARE FOUND ON SOME PIECES.
VR83212A		HEM	5	REP	GOE	5	REP	JAR	5	REP					SAMPLE OF DRY FAULT BRECCIA MATERIAL. CLASTS ARE QUARTZITE COATED WITH HEM, JAR OR GOE?
VR83213A		QTZ	100	STO	PYY	0.1	VEN								QUARTZITE VEIN BRECCIA WITH 1-3 mm STOCKWORK OF QTZ VEINLETS WITH OPEN SPACE VUGS. ONE GRAIN OF PYRITE IS VISIBLE . CARBONATE IS NOT PRESENT. PYRITE WAS SEEN IN OPEN SPACE VEINLETS.
VR83214A	W	QTZ	85	VEN	HEM	2	REP	JAR	2	REP					SAMPLE OF DULL WHITE VEIN IN GRAPHITIC SCHIST. NO SULPHIDES OBSERVED. THE QTZ VEIN IS FINE GRAINED. HEM AND JAR ARE FOUND ALONG THE VEIN MARGIN. GRAPHITE MAY BE FOUND ALONG THE VEIN ENVELOPE OR MAY BE FROM THE HOST ROCK.
VR83215A		QTZ	95	VEN	JAR	5	REP								SAMPLE OF BRECCIATED QTZ VEIN WITH SLIGHT MILLING. CATACLASIS OF VEIN MATERIAL. JAR OCCURS AS A VEIN AND FRACTURE COATING MINERAL.
VR83216A		QTZ	70	VEN	LIM	30	REP								SAMPLE OF A QTZ VEIN WITH A SKELETAL CORE. THIS SKELETAL CORE WAS AT ONE TIME CARBONATE OR SULPHIDE. THE VEIN EXHIBITS STRONG OXIDATION. VEIN WAS FOUND IN A GRAPHITIC QUARTZITE OUTCROP. IN ADDITION THERE ARE CROSS - CUTTING TENSION GASH VEINS WHICH ARE 2 mm WIDE.
VR83217A		QTZ	90	VEN	LIM	10	VEN								SAMPLE OF 2 mm TENSION GASH VEINLETS OF QZT AND LIM. 10 m DISCONTINUOUS OVER OUTCROP LENGTH.
VR83219A		QTZ	5	VEN											CHIP SAMPLE TAKEN FROM OUTCROP. THERE MAY BE ARSENIC STAINING ON 2-5 mm FOLIAFORM QTZ VEINS WITH VUGGY TEXTURE. TESTING FOR ARSENIC IN MADRONA SOIL SAMPLE. THE ARSENIC STAIN MAY BE SCORODITE.
VR83226A		QTZ	85	VEN	LIM	10	REP								SAMPLE OF FAULT ZONE MATERIAL. OXIDIZED AND BRECCIATED QZT. THIS SAMPLE DOES NOT LOOK GOOD.
VR83227A		QTZ	80	VEN	LIM	20	REP	HEM	0.1	REP					SAMPLE OF FAULT BRECCIATED QTZ VEIN TAKEN FROM AN OLD TRENCH. THE OXIDE AND VEIN MATERIAL WAS TAKEN FROM A DRY LOOKING FAULT.
VR83228A	M	QTZ	80	VEN	LIM	5	REP	PYY	1	DIS					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. KAOLINITE/CLAY ALTERATION IS PRESENT.
VR83229A	S	PYY	2	VEN											SAMPLE OF OXIDIZE QUARTZITE. 1-2mm MASSIVE PYRITE STRINGERS PARALLEL TO FOLIATION AND PERPENDICULAR TO FOLIATION? FOLIATION MAY BE A WEAKLY DEVELOPED STOCKWORK.
VR83230A	S	PYY	5	VEN	CDY	5	VEN								Resampling core: Assay interval "Silicified brx with pyy fissures up to 1cm wide, CO3 fissures and banded pyy-carb-chalcedony fissures <0.6cm wide". Sample 1003 - 199ppb Au, 0.9 Ag, 30 Cu, 3 Mo, 506 Pb, <5 Sb, 1817 Zn, 130 Hg (ppb). Sample 1004 - 219ppb Au, 1.0 Ag, 37 As, 13 Cu, 7 Mo, 239 Pb, <5 Sb, 461 Zn, 35 Hg (ppb). From 3.66m to 5.18m in D4-88-01 historical drill cor, Esso Minerals.
VR83231A	W	LIM	5	VEN	QTZ	5	VEN								INTENSLEY FRACTURED CRACKLE BRECCIA (HYDROTHERMAL) WITH 1 mm LIM, CARBONATE, AND QTZ VEINLETS. CARBONATE MAKES UP 5 % OF THE SAMPLE. MS = 0.04, 0.05, 0.06, 0.08, AND 0.03.
VR83234A	S	QTZ	30	VEN	LIM	1	VEN	ARS	0.1	VEN					HIGH GRADE ROCK CHIP SAMPLE TAKEN OVER 15 m. SAMPLE WAS TAKEN FROM AN SUBCROP OF QUARTZITE AND GRAPHITIC SCHIST THAT IS VARIABLY SILICIFIED. THE SAMPLE IS 30 % 5mm - 5 cm WIDE WHITE QTZ VEINS WITH LIM AND ROTTED SULPHIDES (< 1%) POSSIBLE TRACE OF PYRITE AND ARSENOPYRITE. THE VEINS ARE SHEETED (WEAK STOCKWORK). THE VEIN, SILICIFIED COUNTRY ROCK AND A MINOR BRECCIA WERE SAMPLED.
VR83235A	T	QTZ	30	VEN	LIM	1	DIS								HIGH GRADE SELECTIVE CHIP SAMPLE TAKEN OVER 100 m SQUARED. SAMPLE IS SIMILAR TO VR83234. LIM IS FOUND DISSEMINATED WITHIN VEINS AND QTZ IS FOUND IN VEINS WHICH CROSS CUT THE SAMPLE. SAMPLE IS A QUARTZITE AND GRAPHITIC SCHIST THAT HAVE BEEN VARIABLY SILICIFIED. VEINS ARE SHEETED MAY BE WEAK STOCKWORK.

Sample Number	Assay Cert.	Au ppb	Ag ppm	Al %	As ppm	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 %
VR83210A	A9919805	-1	-0.02	2.38	2.6	-10	260	0.75	0.04	1.48	0.28	14.8	50	22.6	4.16	10.1	0.3	-0.01	0.08	10	2.36	1090	1.2	0.06
VR83211A	A9919805	-1	-0.02	0.76	3	-10	110	0.35	0.1	0.3	0.1	3.4	18	7.4	1.73	2	-0.1	0.35	0.04	10	0.12	140	0.8	-0.01
VR83212A	A9920325	35	0.14	0.46	478	-10	240	0.2	0.06	0.06	0.32	4.4	155	67.8	8.73	1.8	0.1	0.1	0.04	10	0.04	530	3.6	-0.01
VR83213A	A9920325	20	0.2	0.11	104	-10	100	-0.05	0.04	-0.01	0.2	1.2	181	13	0.66	0.7	-0.1	0.01	0.04	-10	0.03	45	2	-0.01
VR83214A	A9920325	10	0.4	0.2	19.8	-10	310	0.1	0.13	0.01	-0.02	0.6	173	4.8	0.5	0.7	-0.1	0.01	0.08	-10	0.01	40	3	0.01
VR83215A	A9920325	20	1.22	0.17	61.2	-10	710	0.05	0.07	0.01	0.02	0.8	214	3	0.71	0.6	-0.1	0.06	0.03	-10	-0.01	25	3	-0.01
VR83216A	A9920325	-5	1.02	0.66	10	-10	2510	0.25	0.01	0.42	2.06	28.2	147	138	5.25	2.2	-0.1	0.15	0.15	10	0.05	820	4.2	0.01
VR83217A	A9920325	-5	5.52	0.86	20	-10	2280	0.3	0.15	0.2	2.22	45.2	126	133.5	7.6	2.6	0.1	0.05	0.09	10	0.06	1415	5.8	-0.01
VR83219A	A9920796	5	0.74	0.25	4.8	-10	270	0.15	0.18	0.03	0.46	1.6	196	17	2.1	0.9	-0.1	0.2	0.13	-10	0.02	50	25.4	-0.01
VR83226A	A9921165	105	0.2	0.29	83.6	-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	110	1.6	-0.01
VR83227A	A9921165	10	0.44	0.22	79.2	-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	60	1.8	0.01
VR83228A	A9921165	270	2	0.31	203	-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	20	1.2	-0.01
VR83229A	A9921165	-5	0.14	0.61	4	-10	250	0.3	0.02	0.71	0.92	11.4	110	41.8	3.31	3	-0.1	-0.01	0.1	-10	0.79	970	1.2	0.01
VR83230A	A9921165	175	1.44	0.35	128	-10	30	0.25	2.52	1.38	2.3	5.4	121	6.2	8.39	1.3	0.1	0.07	0.22	-10	0.47	7250	10.4	0.01
VR83231A	A9921165	-5	0.02	0.4	0.8	-10	120	0.25	0.04	2.99	0.06	4.2	56	3.2	1.46	1.1	-0.1	2.13	0.08	-10	1.4	395	0.2	0.03
VR83234A	A9923135	15	0.9	0.17	297	-10	310	0.1	0.18	-0.01	0.02	0.6	167	12.4	1.09	1	-0.1	0.4	0.06	-10	-0.01	25	4	0.01
VR83235A	A9923135	-5	0.5	0.1	189	-10	50	0.05	0.08	-0.01	-0.02	0.6	167	4.2	0.59	0.6	-0.1	0.03	0.06	-10	-0.01	15	1.2	0.01

Sample Number	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR83210A	10	1370	2	0.48	-0.1	12		98	-0.05	0.17	0.02	0.75	114	0.2	74	
VR83211A	3	910	14	0.83	0.7	5		18	0.05	-0.01	0.06	0.45	34	0.5	26	
VR83212A	20	2520	756	0.03	90.3	11		71	0.05	-0.01	0.02	5.8	221	1.3	48	
VR83213A	9	70	16	0.01	3.1	-1		8	-0.05	-0.01	0.02	0.55	7	0.3	12	
VR83214A	3	130	16	0.01	2.8	-1		26	0.05	-0.01	0.02	0.25	11	0.3	2	
VR83215A	4	390	94	0.04	64.5	-1		67	0.2	-0.01	0.32	0.35	7	1.05	4	
VR83216A	118	2690	10	-0.01	3.4	5		66	0.05	-0.01	0.64	2.4	31	0.35	238	
VR83217A	186	1800	1120	0.04	3.2	19		42	0.2	-0.01	0.14	3.05	59	0.35	584	
VR83219A	24	3090	20	0.04	1.2	1		12	0.05	-0.01	0.02	4.35	116	1.05	236	
VR83226A	47	540	2	-0.01	2.3	-1		3	-0.05	-0.01	0.02	0.6	9	0.2	38	
VR83227A	8	1000	-2	0.01	6	-1		5	0.1	-0.01	0.04	1.15	16	0.25	18	
VR83228A	9	50	-2	0.21	6.5	-1		4	-0.05	-0.01	0.02	0.95	6	0.2	10	
VR83229A	41	490	-2	0.2	-0.1	8		5	-0.05	-0.01	0.02	0.6	56	0.05	120	
VR83230A	6	500	72	5	0.9	-1		9	0.25	-0.01	0.12	0.4	7	0.85	426	
VR83231A	6	80	4	0.01	0.6	2		83	-0.05	-0.01	0.02	0.55	11	0.1	36	
VR83234A	4	210	106	0.01	5.4	-1		24	0.1	-0.01	0.12	1.05	15	0.95	4	
VR83235A	3	50	72	0.02	1.7	-1		3	0.05	-0.01	0.04	0.15	4	0.55	2	

Sample Number	Geol	Samp. Date	Samp. Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR83238A	RD	7/17/99	RG			NAD 27	7	511202	7086728				GRD	MEG	HOR		GN	GY	WEA	W	UNA
VR83239A	RD	7/18/99	RC	2.5	M	NAD 27	7	507307	7097649				QZT				WT	BN	BLE	S	SLC
VR83240A	RD	7/18/99	RC	2.0	M	NAD 27	7	507307	7097650				QZT				WT	BN	BLE	M	SLC
VR83241A	RD	7/18/99	RG			NAD 27	7	507094	7097682				QZT	GRA	MUS	SCH	GY	WT	SLC	W	BLE
VR83242A	RD	7/18/99	RC	6	M	NAD 27	7	507062	7097700				QZT	GLA			GY		BLE	S	
VR83243A	RD	7/18/99	RC	3	M	NAD 27	7	506990	7097761				QZT				GY	YW	SLC	W	
VR83244A	RD	7/18/99	FL			NAD 27	7	507000	7097653				QZT	BRX	VEN		GY	BK	SLC	M	BLE
VR83245A	RD	7/20/99	RG			NAD 27	7	501131	7100374				QZT	GRA			GY	WT	SLC	M	
VR83246A	RD	7/20/99	RG			NAD 27	7	501232	7100407				QZT				GY		SLC	M	BLE
VR83247A	RD	7/20/99	RC			NAD 27	7	501305	7100509				QZT	OXI			BN	GY	SLC	M	OXI
VR83250A	RD	7/22/99	RG			NAD 27	7	512240	7098130				AND	POY			BN	OR	OXI	M	
VR83251A	RD	8/1/99	FL			NAD 27	7	500918	7103530				QZT	BRX	VEN		GY	WT	SLC	S	OXI
VR83252A	RD	8/1/99	RG			NAD 27	7	501183	7103573				QZT				WT	YW	BLE	S	OXI
VR83253A	RD	8/1/99	FL			NAD 27	7	501432	7103941				QZT	BRX	PHY	HOR	GY	WT	SLC	S	
VR83254A	RD	8/1/99	FL			NAD 27	7	501454	7103969					BRX			OR	GN	OXI	S	
VR83255A	RD	8/1/99	FL			NAD 27	7	501647	7103976					BRX			GY	WT	SLC	S	OXI
VR83256A	RD	8/1/99	FL			NAD 27	7	502271	7103904				QZT	MUS	VUG		WT		BLE	M	SLC
VR83257A	RD	8/1/99	RG			NAD 27	7	502271	7103904				QZT	VEN	QTZ		GY	WT	SLC	M	
VR83258A	RD	8/1/99	RC			NAD 27	7	502314	7103953				QZT	QTZ	VEN		GY		SLC	W	
VR84001A	FA	6/3/99	RC	30	C	NAD 27	7	508863	7096219				DAC				GY	QD	UNA		
VR84002A	FA	6/3/99	RC	15	C	NAD 27	7	508863	7096219				GWK				BN	PP	UNA		
VR84003A	FA	6/3/99	RG			NAD 27	7	509797	7100153				GNT	MEG	EQU		YW		WEA	S	SND
VR84004A	FA	6/5/99	RG			NAD 27	7	506454	7098052				VEN	QTZ			WT				

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR83238A		PYY	1	VEN	MDL	tr	VEN								Pyy and Mol - veins and fracture coatings. Sample of fresh granodiorite with pyy coatings on fracture face. Also pink bleached quartz pegmatite / ksp with one speck of moly.
VR83239A	W	PYY	1	DIS	ARS	1	DIS								Rock chip over 2.5m. Pyy and Ars disseminated and associated with narrow xcutting qtz veinlets.
VR83240A	W	PYY	1	DIS											Pyy disseminated in bleach/foliated quartzite. Poor/rare qtz vein development. Chip adjacent to 83239. 2m interval.
VR83241A	W	PYY	2	DIS											Pyy associated with crosscutting veinlets. Sample from subcrop pile.
VR83242A		PYY	tr	DIS											Bleach alteration, 20cm wide. Chip over 6m. Glassy qtz with foliaform quartz veins and rare xcutting qtz veins on joint faces.
VR83243A		PYY	tr	DIS	LIM										Chip over 3m. Outcrop of quartzite with disseminated pyrite and jointing, etc. Same as 83242 but 75m upstream.
VR83244A	W	QTZ	25	DIS	JAR	1	DIS	PYY	1	DIS					Quartz: dis and vein. Pyrite: dis and vein controlled. Float grab sample! From stream bed. Quartzite is bleached/slc, foliation destroyed / brecciation. Trace-1% pyrite in veins and dis in brx. Lots of xcutting quartz vein floats but no sulfides.
VR83245A		QTZ	10	VEN	PYY	tr	VEN	ARS	tr	VEN					Qtz: 5-15mm.
VR83246A		QTZ	20	VEN	PYY	tr	VEN								Quartz: 1cm. Pyrite: oxidized.
VR83247A	M	QTZ	35	VEN	PYY	tr	VEN	LIM	5	REP					
VR83250A		CAL	1	VEN											Calcite occurs as fracture coatings. Sample of fracture (calcite) coatings just to see if they explain soil anomaly.
VR83251A	W	QTZ	50	VEN	LIM	2	DIS								Quartz: replacement or vein. Vein breccia matrix supported. Limonite: diseminated and replacement, very weak. Floatin Poker Creek. Slc vein brx in grey quartzite, so sulfides seen.
VR83252A	S	LIM	10	DIS	PYY	2	DIS	ARO	tr	DIS					ARO=scorodite. Limonite - foliaform staining. Pyrite: 1mm fine cubes. From outcrop. Alteration and mineralization is stratabound and looks like classic qtz/py/ser alteration in vms systems.
VR83253A		LIM	1	DIS											Limonite: oxidation of phy?/hornblende. Strange looking hbx with qtz vein blebs in it. Matrix supported. 10% xtal type. Vugs oxidized. Possibly ??? Clasts or hornblende crystals?
VR83254A		MUS	5	REP	MNX	5	REP	LIM	60	REP					Muscovite=fuschite? Muscovite and MNX on fracture faces. Extremely oxidized - impossible to discern rock type.
VR83255A	W	QTZ	60	VEN	LIM	5	REP								Qtz: vein and breccia. Float sample 20m from end of trench.
VR83256A	M	LIM	3												Sample size: 70x30x20cm. Limonite occurs in vugs. In talus bowl below outcrop.
VR83257A		QTZ	5	VEN											Quartz: 1-2cm, 1/2m. No sulfides seen or alteration, but veins smell fetid/sulfides.
VR83258A		QTZ	2	VEN							VEN	075	65		Qtz vein 3cm wide. Sampled over 70cm length. No wall rock in sample.
VR84001A															30 cm CHIP SAMPLE TAKEN FROM OUTCROP. MAGNETIC SUSCEPTIBILITY IS ~ 9 - 18 SI UNITS. THE SAMPLE HAS CHLORITE REPLACED MM SCALE EQUANT TO SUB ROUNDED PHENOCRYSTS WITHIN A DARK GREY SILICEOUS GROUNDMASS. THE SAMPLE IS A SILICIFIED MAFIC/INTERMEDIATE VOLCANIC ROCK OR POSSIBLY A RHYOLITE END MEMBER THE SAMPLE HAS ORANGE BROWN PATCHES ON FRACTURES AND EXPOSED SURFACES. ROB DUNCAN STRONGLY BELIEVES THAT THIS IS A FRESH ROCK AND THEREFORE MUST BE A DACITE OR SILICEOUS VOLCANIC ROCK.
VR84002A															CHIP SAMPLE OF GREYWACKE. NO DISTINCT BEDDING IS OBSERVED BUT YOU CAN SEE SANDY LAYERS AND CLASTIC LAYERS. THIS IS A MATRIX SUPPORTED POLYLITHIC GREYWACKE. MAGNETIC SUSCEPTIBILITY IS ~ 0.3 - 1.3 SI UNITS. THE SAMPLE IS CALCAREOUS ALONG FRACTURE SURFACES.
VR84003A	M	CLA	15		QTZ	35		FEL	50						SAMPLE TAKEN FROM A DECOMPOSED AND STRONGLY WEATHERED OUTCROP OF A QUARTZ RICH GRANITIC ROCK. NO MAFICS ARE VISIBLE IN THE OUTCROP. THE SAMPLE HAS DISTINCT ANHEDRAL GREY QTZ CRYSTALS AND EQUIGRANULAR INTERLOCKED/ FUZZY CLAY ALTERING FELDSPAR GRAINS. THERE IS A TRACE OF BROWN LIMONITE VISIBLE ALONG FRACTURES.
VR84004A											BOX				SAMPLE OF 4 cm WIDE WHITE MASSIVE QTZ VEIN WHICH CROSS CUTS A QUARTZITE THE QUARTZITE IS DARK GREY WITH LIMONITE FILLED BOXWORK AND VITREOUS QTZ LAMINA THE QTZ VEIN IS YELLOW BROWN STAINED AND PITTED (BOXWORK). THE SAMPLER HAS TAKEN A REPRESENTATIVE SAMPLE OF THE VEIN AND THE HOST ROCK.

Sample Number	Assay Cert.	Au ppb	Ag ppm	Al %	As ppm	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 %
VR83238A	A9923863	-5	0.06	1	9.4	-10	250	0.2	0.11	0.46	0.08	8.2	63	20.2	2.49	4.1	-0.1	-0.01	0.4	10	0.55	240	2.6	0.1
VR83239A	A9923863	85	0.26	0.36	1240	-10	370	0.4	0.24	0.03	0.12	0.6	69	4.4	0.64	1.2	-0.1	-0.01	0.24	40	0.01	35	1	0.07
VR83240A	A9923863	10	0.54	0.39	78.6	-10	320	0.35	0.56	0.07	0.48	2	89	8.8	1.01	1.2	-0.1	-0.01	0.21	40	0.04	395	2.2	0.04
VR83241A	A9923863	195	1.18	0.19	202	-10	150	0.15	0.11	0.02	0.84	3.2	146	32.6	2.16	0.5	-0.1	0.06	0.06	-10	0.01	125	2.6	-0.01
VR83242A	A9923863	-5	0.22	0.13	22.8	-10	300	-0.05	0.07	-0.01	-0.02	0.4	143	2.2	0.53	0.4	-0.1	-0.01	0.08	-10	-0.01	15	2.2	-0.01
VR83243A	A9923863	-5	0.42	0.17	23.2	-10	470	0.05	0.07	-0.01	0.02	0.4	134	3	0.43	0.6	-0.1	-0.01	0.1	-10	-0.01	15	3.2	-0.01
VR83244A	A9923863	50	0.92	0.14	300	-10	240	-0.05	0.11	0.01	0.08	0.8	166	23.8	0.83	0.9	-0.1	0.04	0.12	-10	-0.01	35	3.4	-0.01
VR83245A	A9924184	-5	0.32	0.09	4.6	-10	50	0.1	0.11	0.01	-0.02	0.4	133	2.2	0.4	0.3	-0.1	0.06	0.05	-10	0.01	40	0.6	-0.01
VR83246A	A9924184	-5	0.14	0.06	1.6	-10	20	-0.05	0.06	-0.01	-0.02	0.2	123	4.4	0.51	0.1	-0.1	-0.01	0.02	-10	-0.01	20	0.4	-0.01
VR83247A	A9924184	-5	0.72	0.14	1060	-10	30	-0.05	0.54	-0.01	0.22	0.4	155	15.4	0.8	0.6	-0.1	0.04	0.03	-10	-0.01	15	3	-0.01
VR83250A	A9924184	-5	0.1	0.59	3.2	-10	330	1.6	-0.01	5.32	0.26	4.8	18	6.8	1.99	1.6	-0.1	0.01	0.17	20	0.64	1135	2	-0.01
VR83251A	A9925207	10	0.1	0.09	18	-10	100	-0.05	0.06	-0.01	0.1	1	119	2	0.41	0.4	-0.1	-0.01	0.05	-10	-0.01	105	1.4	-0.01
VR83252A	A9925207	-5	0.5	0.18	15.2	-10	390	0.05	0.23	-0.01	-0.02	2.4	78	3	1.21	0.6	-0.1	0.01	0.07	-10	0.01	5	0.6	-0.01
VR83253A	A9925207	80	1.54	0.2	43.8	-10	460	0.05	0.05	-0.01	0.06	0.8	67	1.8	0.6	0.8	-0.1	0.01	0.11	-10	-0.01	80	0.6	-0.01
VR83254A	A9925207	10	0.58	0.32	726	-10	280	0.4	0.08	0.04	2.54	49.8	448	225	5.98	0.7	-0.1	0.16	0.06	-10	0.04	1210	2.4	-0.01
VR83255A	A9925207	35	0.48	0.16	189	-10	60	0.05	0.08	-0.01	0.12	0.8	81	41.4	2.96	1.3	-0.1	0.06	0.05	-10	-0.01	65	4.4	-0.01
VR83256A	A9925207	-5	0.2	0.08	27.6	-10	80	-0.05	0.06	-0.01	0.02	0.6	104	1.8	0.36	0.3	-0.1	0.03	0.06	-10	-0.01	15	2	-0.01
VR83257A	A9925207	-5	0.06	0.05	758	-10	60	-0.05	0.01	-0.01	0.02	0.2	138	1.2	0.33	0.3	-0.1	0.04	0.03	-10	-0.01	5	0.6	-0.01
VR83258A	A9925207	-5	-0.02	0.01	2.8	-10	10	-0.05	0.01	-0.01	-0.02	0.6	183	0.8	0.32	0.1	-0.1	0.01	0.01	-10	-0.01	10	0.6	-0.01
VR84001A	A9919805	-1	-0.02	1.98	1.6	-10	290	0.5	-0.01	2.41	0.12	17.6	36	11.8	4.84	6.1	-0.1	0.1	0.09	10	1.63	1060	1.8	0.23
VR84002A	A9919805	-1	-0.02	0.55	1	-10	270	0.8	-0.01	4.21	0.08	14.8	19	1.2	4.64	1.5	-0.1	0.1	0.24	10	1.21	1100	0.8	0.05
VR84003A	A9919805	2	-0.02	0.86	4.4	-10	170	0.2	0.03	0.28	0.04	2.4	63	7	0.77	3.6	-0.1	0.01	0.14	-10	0.2	85	0.2	0.05
VR84004A	A9919805	400	1.24	0.2	230	-10	80	0.05	1.64	0.03	0.06	0.6	156	20	0.86	0.5	-0.1	0.04	0.07	-10	0.01	30	1.4	0.01

Sample Number	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR83238A	1	700	8	0.11	0.3	-1	-0.5	56	0.05	0.18	0.2	3.9	60	0.55	30	
VR83239A	2	50	10	0.15	0.5	-1	-0.5	15	-0.05	-0.01	0.06	2.05	2	0.3	16	
VR83240A	9	50	34	0.06	0.3	1	-0.5	15	-0.05	-0.01	0.06	1.65	3	0.5	58	
VR83241A	16	130	8	1.76	14.1	-1	4	10	0.15	-0.01	0.24	0.8	8	0.4	118	
VR83242A	3	80	6	0.15	0.6	-1	-0.5	11	-0.05	-0.01	0.08	0.15	4	0.35	2	
VR83243A	3	80	6	0.11	0.5	-1	1.5	9	0.05	-0.01	0.06	0.2	7	0.25	2	
VR83244A	4	280	14	0.19	5	1	2	34	0.05	-0.01	0.24	0.55	8	0.65	6	
VR83245A	3	20	4	0.01	0.4	-1	-0.5	2	-0.05	-0.01	0.16	-0.05	1	0.2	8	
VR83246A	2	50	-2	-0.01	0.5	-1	-0.5	-1	-0.05	-0.01	0.1	0.05	1	0.2	2	
VR83247A	3	150	132	0.06	0.6	-1	0.5	4	0.2	-0.01	0.2	0.2	3	0.3	6	
VR83250A	1	900	16	-0.01	-0.1	3	-0.5	312	-0.05	-0.01	0.08	1.1	33	0.2	72	
VR83251A	4	60	2	0.01	0.4	-1	-0.5	4	0.15	-0.01	0.06	0.05	3	0.45	8	
VR83252A	14	50	30	1.05	0.8	-1	1.5	7	0.05	-0.01	0.02	0.15	3	0.1	2	
VR83253A	3	30	2	0.13	7.1	-1	-0.5	11	-0.05	-0.01	0.06	0.25	5	0.5	4	
VR83254A	869	590	2	-0.01	0.9	12	-0.5	7	0.15	-0.01	0.36	1.9	17	0.1	202	
VR83255A	3	530	8	-0.01	9.8	-1	2	3	0.05	-0.01	0.06	0.5	16	0.4	16	
VR83256A	6	100	8	0.04	0.5	-1	-0.5	5	-0.05	-0.01	0.3	0.05	1	0.1	2	
VR83257A	3	160	-2	0.01	0.6	-1	-0.5	-1	0.05	-0.01	0.02	-0.05	1	0.4	-2	
VR83258A	3	20	-2	-0.01	0.1	-1	-0.5	-1	-0.05	-0.01	0.1	-0.05	-1	0.15	-2	
VR84001A	6	1620	-2	0.09	-0.1	19		254	-0.05	0.05	0.02	0.5	166	-0.05	84	
VR84002A	4	1340	-2	0.01	-0.1	21		229	-0.05	0.02	0.06	0.35	145	-0.05	90	
VR84003A	4	320	4	-0.01	0.1	-1		32	-0.05	-0.01	0.02	0.65	11	0.05	44	
VR84004A	4	420	778	0.05	3	-1		16	0.15	-0.01	0.12	0.65	7	0.45	2	

Sample Number	Geol	Samp. Date	Samp. Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR84005A	FA	6/5/99	RG			NAD 27	7	506454	7098052				QZT	VEN			GY		SLC	S	
VR84006A	FA	6/7/99	FL			NAD 27	7	512598	7097358				AND	POY			GY		BLE	W	
VR84007A	FA	6/7/99	FL			NAD 27	7	512598	7097358				AND	POY			WT		SLC	M	BLE
VR84008A	FA	6/8/99	FL			NAD 27	7	506339	7098121				QZT	MUS	VEN		WT	BN	OXI	W	
VR84009A	FA	6/8/99	FL			NAD 27	7	506339	7098121				QZT	BRX			GY				
VR84010A	FA	6/8/99	FL			NAD 27	7	506350	7098112				VEN	QTZ	VUG		GY				
VR84011A	FA	6/9/99	FL			NAD 27	7	510554	7097558				BXX	CLS			TA		OXI	M	SLC
VR84014A	FA	6/10/99	RC	15	C	NAD 27	7	506781	7098015				QZT	GRA			OR		OXI	S	
VR84015A	FA	6/13/99	FL			NAD 27	7	502427	7100546				VEN	QTZ	VOL	VUG	WT		ARG	S	
VR84016A	FA	6/13/99	RG			NAD 27	7	504842	7100360				SCH	MUS	QTZ	VUG	BF	TA			
VR84017A	FA	6/16/99	FL			NAD 27	7	502387	7101992				VEN	VUG	QTZ		WT				
VR84018A	FA	6/16/99	RG			NAD 27	7	502380	7101971				VEN				WT				
VR84019A	FA	6/17/99	RC	5	C	NAD 27	7	507076	7101387				VEN				WT				
VR84020A	FA	6/17/99	RC	2	M	NAD 27	7	507076	7101387				SCH	QTZ	MUS	GRA	GY	OR			
VR84021A	FA	6/17/99	RC	1.1	M	NAD 27	7	504519	7101450				SCH	BIO	FEL		GY	QD			

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR84005A															SAMPLE OF QUARTZITE WITH PERVASIVE SILICIFICATION. THE SAMPLE IS SUGAR TEXTURED AND IS SILICIFIED (QTZ FLOODED) AND HAS cm SCALE MASSIVE WHITE QTZ VEINS. 2 STAGES OF VEINING ARE PRESENT IN THE OUTCROP. THE FIRST STAGE PRODUCED MASSIVE WHITE QTZ VEINS AND THE SECOND STAGE PRODUCED VUGGY OPEN SPACE TEXTURED VEINS WHICH HAVE A YELLOW WHITE CLAY COATING. THE SAMPLER TOOK SAMPLES FROM VARIOUS EXPOSURES OF THE SAME
VR84006A		PYY	5	DIS	CPY	2		ARS	1	DIS					FLOAT SAMPLE TAKEN FROM A TAILINGS PILE. THE SAMPLE IS AN ANDESITE WITH PEACH COLORED FELDSPAR PHENOCRYSTS (mm SIZED) WITHIN A PALE GREY APHANITIC GROUNDMASS. THE GROUNDMASS IS FELDSPAR RICH. THERE ARE ABUNDANT SULPHIDES WITHIN ALL VOLCANICS IN THE AREA. THE SAMPLE HAS A BROWN OXIDE RIND. THIS IS A FRESHER SAMPLE THAN VR84007. WITHIN THE SAMPLE CPY OCCURS AS BLEBS AND PYY OCCURS WITHIN mm SIZED STRINGERS AND AS DISSEMINATED GRAINS.
VR84007A	S	ARS	5	DIS	PYY	5	DIS								SUGAR TEXTURED ANDESITE. PHENOCRYSTS HAVE BEEN DESTROYED OR ARE VERY FAINT. THE SAMPLE HAS A BRIGHT WHITE GROUNDMASS WHICH IS HARDER THAN THE GROUNDMASS OF SAMPLE VR84006, AS A RESULT, IT MAY BE SILICIFIED. THE SAMPLE HAS A DISCONNECTED NETWORK OF DISSEMINATED SULPHIDES. FES IS REPLACING FEASS. THE SAMPLE HAS A YELLOW GREEN OXIDE RIND.
VR84008A															THE SAMPLE IS OF A BROWNISH WHITE FOLIATED QUARTZITE. MUSCOVITE FORMS FOLIATIONS. SUB-PARALLEL FOLIATIONS HAVE NARROW QTZ - LIMONITE STRINGERS WITH 1 mm - 5 mm SIZED SUBHEDRAL TO CUBIC PITS FROM WEATHERED OUT MATERIAL POSSIBLY SULPHIDES.
VR84009A															DARK GREY BRECCIATED QUARTZITE CEMENTED BY TAN TO BROWN WEATHERED MICACEOUS SANDY MATERIAL (PHYLLITE) AND SILICA. THE SAMPLER BELIEVES THAT THE PHYLLITE MATRIX FILLING IS ACTUALLY THE UNITS RESPONSE TO STRESS (SMALLER GRAIN SIZE WHILE THE QZT FORMS LARGER CLASTS.
VR84010A															SAMPLE OF A WHITE VUGGY QTZ VEIN ~ 7 cm WIDE CUTTING A WEAKLY FOLIATED LIGHT GREY QZT. THERE IS A YELLOW GREEN CLAY COATING ALONG VUGS AND ALONG FRACTURE SURFACES (SCORODITE ?). THERE IS ALSO A PALE BUFF/BROWN CLAY COATING ALONG SOME FOLIATIONS AND ON SOME FRACTURES (SIDERITE ?).
VR84011A	S	LIM	10												SAMPLE TAKEN FROM FLOAT FOUND ALONG ROAD. THE SAMPLE IS A CHALCEDONIC/ SILICA CEMENTED CLAST SUPPORTED BRECCIA. CLASTS ARE PERVASIVELY LIMONITE ALTERED.
VR84014A											FLN	80	84		SAMPLE OF GRAPHITIC QZT WHICH IS BEING CUT BY A NORMAL FAULT. NEAR STATION FA - 36 AND SOIL SAMPLE VR60044.
VR84015A		CLA	15		QTZ	80	VEN	LIM	5						FLOAT SAMPLE OF QUARTZ VEIN WITH ARGILLIC ALTERED WALL ROCK. LIMONITE OCCURS AS COATINGS WITHIN VUGS. THE COUNTRY ROCK HAS BEEN PARTIALLY ALTERED TO CLAY.
VR84016A		LIM	5		QTZ	95	VEN				FOL	270	12	S	FOLIAFORM VUGGY LIMONITE STAINED QUARTZ VEINS IN A RUSTY EXCAVATED OUTCROP OF QUARTZ PHYLLITE. THE LIMONITE OCCURS AS A STAIN AND IS FOUND ALONG FRACTURES. THE QTZ VEIN IS VUGGY.
VR84017A		GAL	1	DIS											FLOAT SAMPLE OF VUGGY METAMORPHIC QUARTZ VEIN. TAKEN NEAR SOIL SAMPLE VR58492. GALENA OCCURS BOTH AS DISSEMINATED GRAINS AND AS BLEBS.
VR84018A		GAL	1	DIS											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.
VR84019A		GAL	0.1	DIS	PYY	0.1	DIS				VEN	200	70	S	ROCK CHIP SAMPLE TAKEN OVER 5 cm. SAMPLE IS OF VEIN MATERIAL WHICH FILLS FRACTURES WITHIN A SHCIST OUTCROP.
VR84020A		PYY	0.1	DIS							FOL	20	15	S	CHIP SAMPLE TAKEN OVER 2 m. SAMPLE WAS TAKEN FROM A FRACTURED SCHIST UNIT WITH QUARTZ VEINLETS. PYRITE OCCURS AS DISSEMINATED GRAINS AS WELL AS BLEBS.
VR84021A		PYY	0.1	DIS							FOL	285	38	S	SAMPLE TAKEN AT STATION FA - 60. TAKEN FROM THE HANGING WALL TO THE VEIN (FAULT ZONE).

Sample Number	Assay Cert.	Au ppb	Ag ppm	Al %	As ppm	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 %
VR84005A	A9919805	18	0.28	0.13	308	-10	110	-0.05	0.07	-0.01	0.02	0.4	127	3.6	0.31	0.4	-0.1	0.05	0.06	-10	-0.01	20	0.8	0.01
VR84006A	A9920325	-5	0.04	0.76	4.4	-10	60	0.6	1.98	3.39	0.08	5.4	60	2	4.56	2	-0.1	0.03	0.22	10	1.52	1645	0.8	0.01
VR84007A	A9920325	25	0.52	0.67	6.4	-10	100	0.25	0.59	0.57	0.22	10.8	38	38.6	3.99	1.7	-0.1	0.03	0.31	10	0.26	205	3	0.01
VR84008A	A9920325	-5	0.22	0.28	98.6	-10	150	0.1	0.04	0.07	0.08	8.6	132	80.8	2.63	0.8	-0.1	0.01	0.07	-10	0.03	175	1.4	-0.01
VR84009A	A9920325	20	0.42	0.37	580	-10	290	0.2	0.07	0.09	0.28	1.2	127	66.7	4.87	2.5	-0.1	0.07	0.1	-10	0.04	105	4.6	0.01
VR84010A	A9920325	-5	0.6	0.22	102	-10	220	0.05	0.27	0.02	0.02	0.6	184	4.4	0.51	0.8	-0.1	0.05	0.07	-10	0.01	30	1.2	-0.01
VR84011A	A9920325	-5	0.52	0.61	47	-10	2820	2.15	0.03	0.03	1.88	8.2	88	9	3.11	1.7	-0.1	1.52	0.02	-10	0.02	2030	2	-0.01
VR84014A	A9920325	510	8.28	0.18	174.5	-10	80	0.05	0.19	0.01	0.32	1.8	141	30	3.57	0.4	-0.1	0.38	0.06	-10	0.01	45	17.2	0.01
VR84015A	A9920796	-5	0.92	0.17	149	-10	20	-0.05	0.37	-0.01	0.02	0.6	153	34	1.46	0.9	-0.1	-0.01	0.01	30	-0.01	15	1.2	0.01
VR84016A	A9920796	2260	0.28	0.2	55.4	-10	10	0.15	0.88	-0.01	0.1	5.6	143	43.8	3.34	0.5	-0.1	0.01	0.03	-10	-0.01	100	2.6	-0.01
VR84017A	A9920796	10	15.35	0.03	36.6	-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	70	1	-0.01
VR84018A	A9920796 A9921895	30	93	0.05	90	-10	-10	-0.5	170	0.03	2.5	5	240	65	1.95	-10		-10	0.01	-10	-0.01	30	1	0.04
VR84019A	A9920796	-5	1.22	0.03	1120	-10	10	-0.05	2.23	0.01	0.4	2.6	178	6.8	0.58	0.1	-0.1	-0.01	-0.01	-10	-0.01	155	0.8	-0.01
VR84020A	A9920796	5	0.28	0.19	242	-10	110	0.05	0.24	0.17	1.24	7	163	28	1.33	0.8	-0.1	0.01	0.08	-10	0.08	885	3.8	0.01
VR84021A	A9921165	-5	0.26	3.04	56	-10	220	0.8	0.14	0.21	0.06	11.6	148	63.2	4.49	8.5	-0.1	0.01	0.22	10	2.15	1160	1.6	-0.01

Sample Number	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR84005A	2	80	10	0.01	0.9	-1		8	-0.05	-0.01	0.1	0.15	3	0.4	-2	
VR84006A	11	1260	6	1.35	-0.1	8		52	0.3	-0.01	0.16	0.35	51	0.25	90	
VR84007A	5	500	26	3.5	0.6	1		26	0.25	-0.01	0.12	0.85	9	0.25	42	
VR84008A	19	320	6	0.01	0.4	1		4	0.05	-0.01	0.02	0.65	9	0.3	74	
VR84009A	7	1270	58	0.02	6.8	4		41	0.05	-0.01	0.02	3.85	71	1.75	24	
VR84010A	3	240	30	-0.01	1.7	1		17	0.15	-0.01	0.06	0.3	10	0.6	4	
VR84011A	10	420	34	0.06	1	5		32	-0.05	-0.01	1.02	1.35	79	3.2	240	
VR84014A	13	210	42	0.03	131	-1		12	0.05	-0.01	0.44	1.05	4	4.95	44	
VR84015A	5	180	156	-0.01	0.6	1		4	0.2	-0.01	-0.02	0.95	4	0.25	10	
VR84016A	50	650	14	-0.01	2.2	1		1	0.25	-0.01	-0.02	1.6	5	0.25	314	
VR84017A	8	230	1665	0.02	1	-1		4	1.65	-0.01	0.02	0.45	1	0.25	30	
VR84018A	10	700	19790	0.28	30	-1		3		-0.01	-10	20	-1	-10	240	Minrlzd in Te & Ge fields
VR84019A	10	10	288	0.06	0.6	-1		-1	0.2	-0.01	-0.02	0.2	1	0.25	30	
VR84020A	22	260	24	0.19	0.2	-1		5	0.05	-0.01	0.06	1	13	0.25	118	
VR84021A	52	560	6	0.01	0.6	10		9	-0.05	0.02	0.06	0.55	94	0.2	88	

Sample Number	Geol	Samp. Date	Samp. Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR84022A	FA	6/17/99	RC	1.9	M	NAD 27	7	504519	7101450				SCH	VEN	PYY	VUG	GY	QD			
VR84023A	FA	6/17/99	RC	1.1	M	NAD 27	7	504519	7101450				SCH	QTZ	BIO	MUS	GY				
VR84024A	FA	6/17/99	RC	2	M	NAD 27	7	504519	7101450				SCH	GOU			GY	BN			
VR84025A	FA	6/17/99	RC	3.6	M	NAD 27	7	504519	7101450				VEN	BRX	VUG		YW	WT	SLC	S	
VR84026A	FA	6/17/99	RC	2.2	M	NAD 27	7	504519	7101450				SCH	QTZ	BIO	GRA	GY	BN	FOX	M	
VR84027A	FA	6/17/99	DR			NAD 27	7	511120	7096180				AND	POY			WT	GY	BLE	S	ARG
VR84028A	FA	6/17/99	DR			NAD 27	7	511120	7096180				AND	POY			WT	GY	BLE	S	ARG
VR84029A	FA	6/23/99	FL			NAD 27	7	503249	7099696				PHY	VEN	BRX	VUG	GY		SLC	M	
VR84030A	FA	6/23/99	RG			NAD 27	7	503705	7099283				LST	VEN			WT	BN			
VR84031A	FA	7/11/99	RC	0.15	M	NAD 27	7	504977	7097471				VEN	VUG	QTZ		WT				
VR84032A	FA	7/11/99	RG			NAD 27	7	504987	7097480				VEN	QTZ			WT		OXI	W	
VR84033A	FA	7/11/99	RG			NAD 27	7	504974	7097506				QZT	VEN							
VR84034A	FA	7/11/99	RC	10	C	NAD 27	7	505017	7097475				QZT				WT		BLE		SLC
VR84035A	FA	7/11/99	RC	25	C	NAD 27	7	505022	7097545				VEN	QTZ			WT				
VR84036A	FA	7/11/99	RG			NAD 27	7	505022	7097545				QZT				WT		SLC	S	
VR84037A	FA	7/11/99	RG			NAD 27	7	505022	7097545				VEN	VUG			WT				
VR84038A	FA	7/11/99	FL			NAD 27	7	505416	7097406				QZT	VEN			GY		SLC	M	

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR84022A		PYY	3	STF	PYY	2	DIS	PYY	2	VEN					SAMPLE TAKEN FROM A VEINED SCHIST AT STATION FA - 60. THE SAMPLE ALSO CONTAINS 1 % FLOURITE WHICH IS FOUND TO INFILL LARGE CAVITIES AND VUGS. PYRITE OCCURS ALONG FRACTURES, AS DISSEMINATED GRAINS WITHIN THE MATRIX AND WITHIN VEINS. THE QTZ VEIN HAS A COCKADE TEXTURE.
VR84023A		PYY	4	DIS	QTZ	2	VEN				FOL	130	42	S	SAMPLE WAS TAKEN FROM A DRAGGED HANGING WALL ADJACENT TO A FAULT (NEAR STATION FA- 60). PYRITE IS FOUND AS DISSEMINATED GRAINS WITHIN THE MATRIX AND ALONG FRACTURES. THE QTZ VEIN IS COCKADE AND VUGGY.
VR84024A		CLA	50								FLR	210	85	W	SAMPLE OF MULTI COLORED CLAY FAULT GOUGE ENCLOSING A BRITTLE FRACTURED SCHIST. TAKEN NEAR STATION FA - 60.
VR84025A		QTZ	90	VEN	PYY	3	DIS								CHIP SAMPLE TAKEN OVER 3.0 - 3.6 m (TRUE WIDTH OF VEIN ZONE). THE VEIN IS QTZ AND IS VUGGY, DRUSY, HAS A COCKADE TEXTURE AND IS BRECCIATED. PYRITE OCCURS AS BLEBS WITHIN SCHIST CLASTS AND AS DISSEMINATED GRAINS WITHIN QTZ.
VR84026A		QTZ	3	VEN	CLA	20									2 - 5 cm WIDE YELLOW STAINED COCKADE QTZ VEINLETS. THE CLAY IS A WETHERING PRODUCT. THE SAMPLE IS A HIGHLY FRACTURED AND THEREFORE CLAY WEATHERED PERVASIVE BROWN STAINED BIOTITE-QUARTZ-GRAPHITE SCHIST. THE OUTCROP IS TOO BROKEN FOR STRUCTURE. TAKEN NEAR STATION FA - 60.
VR84027A	S														Dust and powdered rock in Delia 4 drillhole 88-02 high grade interval. Separated from complete rock - taken as sample VR84028. 21' - 47'.
VR84028A	M	QTZ	3	VEN	PYY	7	DIS	CLA	15	STF					Qtz: stockwork. Pyrite: along fractures in groundmass. Clay: yellow/white/pale green clay along fractures. Delia 4 drillhole 88-02. 21' to 47' average 7.1g Au/T. Core pieces washed in H2O.
VR84029A		QTZ	35	VEN	LIM	5	STF								SAMPLE OF WEAKLY TO MODREATELY SILICIFIED WELL FOLIATED GREY PHYLLITE WITH OPEN SPACE QTZ LIMONITE VEINLETS WHICH C UT THE FOLIATION AND FORM A WEAK STOCKWORK.
VR84030A		GAL	1	DIS	QTZ	20	VEN				FOL	20	60	M	SAMPLE TAKEN FROM AN ADIT ~ 3 m IN LENGTH WHICH IS CUT INTO A PALE GREY TO WHITE CRYSTALLINE LIMESTONE WITH MASSIVE WHITE QUARTZ VEINS. TRACES OF GALENA WERE FOUND WITHIN THE QTZ - CARBONATE VEIN SELVAGES. IN ADDITION GALENA WAS ALSO FOUND AS BLEBS WITHIN TRANSLUCENT QTZ VEIN MATERIAL. THE LIMESTONE IS WEATHERING TO A BROWN COLOR.
VR84031A		ARS	0.1	DIS											CHIP SAMPLE OF MASSIVE WHITE VUGGY QTZ VEIN TAKEN NEAR STATION RZ 99 - 115. WITHIN THE SAMPLE ARSENOPYRITE OCCURS AS 3 - 8 mm SUBHEDRAL BLEBS AS WELL AS DISSEMINATED GRAINS. IN ADDITION TO ARSENOPYRITE THE SECONDARY MINERAL SCORODITE IS ALSO PRESENT. SCORODITE OCCURS AS A STAIN WITHIN THE WALLROCK AND AROUND WEATHERED OUT CUBIC SPACES. THE ARSENOPYRITE IS FOUND WITHIN WALL ROCK FRAGMENTS NOT WITHIN THE QTZ VEIN.
VR84032A		QTZ	100	VEN											SAMPLE OF MASSIVE WHITE QTZ VEIN TAKEN NEAR STATION RZ 99 - 115. THE VEINS ARE ~ 2 -3 cm LONG AND PARALLEL THESE VEINS CUT A FOLIATION WHICH IS PRESENT WITHIN THE QUARTZITE WALL ROCK. THE SAMPLE IS 50 % VEIN MATERIAL AND 50 % WALL ROCK.
VR84033A		QTZ	5	VEN							FOL	31	43	S	SAMPLE OF QZT WALLROCK AND BIFURCATING QTZ VEIN WHICH IS 2 - 10 cm WIDE. SAMPLE IS ~ 10 % WALLROCK.
VR84034A	M														CHIP SAMPLE TAKEN FROM A BLEACHED AND SILICIFIED QUARTZITE. NO VEINING IS PRESENT IN THE OUTCROP. THE SAMPLE WAS TAKEN IN ORDER TO CHECK THE SILICA FLOODED AREAS OF THE OUTCROP FOR GOLD VALUES. SAMPLE WAS TAKEN NEAR RZ STATION 99 - 115.
VR84035A															ROCK CHIP SAMPLE TAKEN OVER A 25 cm WIDTH. THE SAMPLE IS OF A MASSIVE, EASILY FRACTURING FOLIAFORM QUARTZ VEIN.
VR84036A															PERVASIVELY SILICA FLOODED QUARTZITE. QTZ VEINLETS ARE BARELY VISIBLE AS A RESULT OF THE SILICIFICATION.
VR84037A															SAMPLE OF A VEIN WITH A PALE PEAR GREEN STAIN AND A DARK BROWN TO RED BROWN LIMONITE STAIN. THESE STAINS ARE FOUND ALONG PARTINGS (FOLIATIONS?) THE VEIN HAS OPEN SPACE (WING) TEXTURES. NO SULPHIDES ARE VISIBLE WITHIN THE VEIN.
VR84038A		QTZ	10	VEN											SAMPLE OF QZT FLOAT WITH A MASSIVE QTZ VEIN.

Sample Number	Assay Cert.	Au ppb	Ag ppm	Al %	As ppm	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 %
VR84022A	A9921165	160	1.08	0.76	748	-10	300	0.3	0.07	0.1	0.12	4.4	113	42.4	2.09	2.9	-0.1	0.01	0.16	-10	0.42	415	1.8	-0.01
VR84023A	A9921165	15	0.74	1.41	106.5	-10	190	0.4	0.17	0.13	0.08	4.8	140	44.4	2.35	5.3	-0.1	-0.01	0.21	10	0.93	785	2.6	0.01
VR84024A	A9921165	15	0.54	1.6	89.4	-10	170	0.45	0.09	0.14	0.08	7.4	132	48.8	2.56	5.6	-0.1	-0.01	0.17	10	0.98	900	2	-0.01
VR84025A	A9921165	75	0.98	0.49	391	-10	160	0.2	0.04	0.05	0.1	3.4	186	16	1.56	2.1	-0.1	-0.01	0.1	-10	0.27	400	1.8	-0.01
VR84026A	A9921165	60	0.72	0.67	289	-10	150	0.25	0.07	0.04	0.2	4	170	24	1.7	2.6	-0.1	-0.01	0.16	-10	0.3	400	2.2	-0.01
VR84027A	A9921613	7300	4.38	0.44	155	-10	60	0.35	4.65	0.3	1.96	5.8	57	12.6	7.1	1.2	0.1	1.46	0.32	10	0.11	1620	7.2	0.01
VR84028A	A9921613	630	1.08	0.45	61.8	-10	70	0.5	2.41	0.36	0.16	5.4	64	20.2	4.11	1.2	-0.1	0.2	0.33	10	0.12	1155	3.6	0.01
VR84029A	A9921613	20	0.36	0.22	37.4	-10	80	0.1	0.09	0.01	0.16	2	131	14.2	1.29	0.6	-0.1	-0.01	0.11	-10	0.01	130	1.2	-0.01
VR84030A	A9921613	-5	3.28	0.09	3	-10	50	0.6	1.47	4.39	2.72	1.2	150	1.6	0.65	0.3	-0.1	-0.01	0.03	-10	2.03	685	1.2	-0.01
VR84031A	A9923135	-5	0.2	0.06	816	-10	80	0.1	0.04	-0.01	0.04	0.8	198	14.8	0.61	0.3	-0.1	0.02	0.03	-10	-0.01	15	3.6	-0.01
VR84032A	A9923135	-5	0.16	0.06	27.2	-10	100	0.05	-0.01	-0.01	-0.02	0.6	210	7.6	0.52	0.4	-0.1	-0.01	0.03	-10	-0.01	15	0.8	0.01
VR84033A	A9923135	-5	0.18	0.09	66.4	-10	140	0.05	0.2	-0.01	-0.02	0.6	182	22	0.75	0.5	-0.1	-0.01	0.04	-10	-0.01	15	1.2	0.01
VR84034A	A9923135	-5	0.28	0.15	20.4	-10	310	0.05	0.06	-0.01	-0.02	0.4	168	5.8	0.49	0.9	-0.1	0.65	0.06	-10	-0.01	10	3	0.01
VR84035A	A9923135	-5	0.24	0.04	38.2	-10	50	-0.05	0.08	-0.01	-0.02	0.6	184	3.6	0.39	0.3	-0.1	0.04	0.01	-10	-0.01	15	0.8	-0.01
VR84036A	A9923135	-5	1.04	0.15	16	-10	480	0.05	0.15	-0.01	-0.02	0.6	154	3.4	0.32	0.6	-0.1	0.19	0.06	-10	-0.01	15	2.6	0.01
VR84037A	A9923135	690	2.1	0.04	95.6	-10	60	-0.05	3.59	-0.01	0.02	0.4	180	7.6	0.55	0.3	-0.1	0.21	0.01	-10	-0.01	10	0.8	-0.01
VR84038A	A9923135	-5	0.34	0.12	112	-10	120	0.05	0.03	-0.01	-0.02	0.6	191	4.6	0.45	0.4	-0.1	-0.01	0.05	-10	-0.01	30	3	0.01

Sample Number	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR84022A	22	240	4	0.37	5.5	1		6	0.05	-0.01	0.06	0.6	12	0.25	34	
VR84023A	32	330	-2	0.01	1.5	3		7	0.05	-0.01	0.06	0.6	21	0.2	50	
VR84024A	36	360	4	-0.01	1.6	3		8	-0.05	-0.01	0.06	0.6	29	0.25	58	
VR84025A	19	110	-2	0.26	3.3	1		5	0.05	-0.01	0.02	0.3	11	0.2	22	
VR84026A	21	150	2	0.03	2.9	1		5	0.05	-0.01	0.04	0.45	11	0.2	32	
VR84027A	4	600	28	5	2.3	1		8	0.3	-0.01	0.6	1.7	8	1.1	414	
VR84028A	3	690	24	3.81	1	1		8	0.15	-0.01	0.34	1.7	8	1	32	
VR84029A	5	140	10	0.01	2	-1		3	-0.05	-0.01	0.04	0.25	5	0.25	10	
VR84030A	2	1070	640	0.04	1.5	-1		62	1.5	-0.01	0.02	0.1	1	0.7	86	
VR84031A	4	30	-2	0.01	0.3	-1		1	0.1	-0.01	-0.02	0.05	1	0.4	4	
VR84032A	3	40	2	-0.01	0.2	-1		3	-0.05	-0.01	-0.02	0.05	3	0.45	2	
VR84033A	3	100	182	-0.01	1.5	-1		1	0.25	-0.01	-0.02	0.15	3	0.45	2	
VR84034A	3	90	28	-0.01	0.4	-1		8	-0.05	-0.01	0.02	0.15	4	0.25	2	
VR84035A	1	30	82	-0.01	0.2	-1		-1	-0.05	-0.01	-0.02	-0.05	-1	0.4	-2	
VR84036A	3	60	20	-0.01	0.2	-1		3	-0.05	-0.01	-0.02	0.1	4	0.25	-2	
VR84037A	3	260	1270	0.01	1.9	-1		1	0.65	-0.01	-0.02	0.65	2	1.15	6	
VR84038A	3	90	456	-0.01	0.6	-1		2	-0.05	-0.01	0.02	0.35	3	0.45	2	

Sample Number	Geol	Samp. Date	Samp. Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR84039A	FA	7/11/99	FL			NAD 27	7	505380	7097433				QZT	GRA	BRX		GY	WT	SLC	W	OXI
VR84040A	FA	7/11/99	FL			NAD 27	7	505511	7097587				BXX	VUG			BN		OXI	M	SLC
VR84041A	FA	7/13/99	FL			NAD 27	7	505197	7097055				QZT	STO			GY		SLC	S	
VR84042A	FA	7/13/99	FL			NAD 27	7	505022	7097545				VEN	VUG			WT		OXI	W	
VR84043A	FA	7/13/99	RC	0.1	M	NAD 27	7	505022	7097545				VEN								
VR84044A	FA	7/13/99	RC	.25	M	NAD 27	7	505158	7096544				VEN				WT				
VR84045A	FA	7/13/99	RC	0.3	M	NAD 27	7	505158	7096544				QZT				GY		SLC	M	
VR84046A	FA	7/13/99	RG			NAD 27	7	505125	7096474				QZT	BRX	VEN		BN	GY	OXI	S	
VR84047A	FA	7/13/99	FL			NAD 27	7	504935	7096162				QZT	VEN			GY				
VR84048A	FA	7/20/99	FL			NAD 27	7	501162	7100367				QZT				RD		OXI	S	
VR84049A	FA	7/20/99	FL			NAD 27	7	501173	7100392				PHY	BRX			BN		SLC	S	OXI
VR84050A	FA	7/20/99	FL			NAD 27	7	501238	7100518				VEN	QTZ			WT		OXI	W	
VR84051A	FA	7/22/99	RC	.3	M	NAD 27	7	509740	7096453				GNT	GNE			BN		OXI	M	
VR84052A	FA	7/22/99	FL			NAD 27	7	511566	7096698				AND				WT		BLE		PHY
VR84053A	FA	7/22/99	FL			NAD 27	7	511566	7096698				CLY	AND	GOU		WT	BN			
VR84054A	FA	7/22/99	FL			NAD 27	7	508506	7093950				SCH				PN		CAR	S	
VR84055A	FA	8/5/99	FL			NAD 27	7	504560	7101458				VEN	BRX			WT				
VR84056A	FA	8/5/99	FL			NAD 27	7	505054	7101354				VEN				WT				
VR84057A	FA	8/7/99	RC	5	M	NAD 27	7	506781	7098015				QZT	PHY	MUS		GY	TA	OXI	W	
VR84058A	FA	8/7/99	RC	6.5	M	NAD 27	7	506777	7098015				QZT	PHY	MUS		GY	TA	OXI	W	
VR84059A	FA	8/7/99	RC	6	M	NAD 27	7	506785	7098015				QZT	PHY	MUS		GY	TA	OXI	W	
VR84060A	FA	8/7/99	RC	0.5	M	NAD 27	7	506030	7098564				PHY	BIO	MUS	VEN	BK	TA			
VR84061A	FA	8/7/99	RC	1	M	NAD 27	7	505692	7098675				PHY				TA		OXI	W	WEA
VR84062A	FA	8/7/99	RG			NAD 27	7	505700	7098668				QZT				BK				
VR84063A	FA	8/7/99	RC			NAD 27	7	506595	7098217				QZT	GRA	PHY		GY		OXI	W	
VR84064A	FA	8/7/99	RG			NAD 27	7	506647	7098150				QZT	GRA	PHY		GY	BK	BLE	M	
VR84065A	FA	8/7/99	RG			NAD 27	7	506907	7097937				QZT	PHY	GRA		BN	OR	OXI	M	
VR84066A	FA	8/9/99	RG			NAD 27	7	510289	7095915				SCH				GY		SEC	M	BLE
VR84067A	FA	8/9/99	PC			NAD 27	7	508680	7096750								RD				
VR84068A	FA	8/12/99	RC	0.5	M	NAD 27	7	507672	7097379				MRB	BRX			GY		SLC	S	
VR84069A	FA	8/14/99	RC	20	C	NAD 27	7	501160	7100367				SCH	GRA			BK				

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR84039A	M														SAMPLE TAKEN IN A FAULT ZONE AT THE WESTERN LIMIT OF THE MILLER CREEK ANOMALY. THE SAMPLE HAS QTZ FRAGMENTS IN A GRAPHITIC MATRIX. IN ADDITION THERE ARE QTZ FRAGMENTS ENCLOSED IN A FELDSPATHIC MATRIX. THE FELDSPAR IN QUARTZITE IS WHITE CLAY ALTERED. THE SAMPLE ALSO HAS A WAVY FOLIATION. GRAPHITIC LAMINAE AND MASSIVE GRAPHITIC LAYERS ARE PRESENT WITHIN THE SAMPLE. NO SULPHIDES WERE SEEN IN THE SAMPLE, HOWEVER, BLACK, YELLOW AND BROWN OXIDES ARE PRESENT.
VR84040A	S	CLA	5		QTZ	65		FEL	10						SAMPLE OF BRECCIATED WHITE QUARTZ FRAGMENTS , mm TO SUB cm IN SIZE CEMENTED BY BROWN TINTED SILICA (HEMATITE). THE SAMPLE HAS PERVASIVE VUGS (SMALL CAVITIES) WHICH MAY BE BOXWORK. IRON OXIDES MAKE UP 15 % OF THE SAMPLE AND OCCUR IN THE MATRIX.
VR84041A															SAMPLE OF DARK GREY QUARTZITE WHICH IS CUT BY WHITE QTZ VEINLETS WITH OPEN SPACES AND DRUSE COATINGS. THE QUARTZITE IS BRECCIATED AND HAS 1 cm WIDE VEINS. NO SULPHIDES WERE SEEN IN THE SAMPLE. FELSENMEER GRABS FROM VARIOUS ROCKS.
VR84042A		ARS	2	MAS											SAMPLE OF A VUGGY VEIN WITH 2 mm - 2 cm MASSIVE ARSENOPYRITE CLOTS. SAMPLE WAS TAKEN NEAR STATION FA 99-93.
VR84043A											VEN	115	60		ROCK CHIP SAMPLE OF A WHITE VEIN TAKEN NEAR STATION FA 99 -93.
VR84044A		ARS	1	MAS	PYY	tr	VEN				VEN	326	46		TW=0.25m. Ars as blebs. Pyy - trace on ars veinlets. Stn. RZ-99-6127. One arseno veinlet with pyrite. Remaining sulfide is blocky to semi-cubic arseno.
VR84045A		PYY	0.1	DIS											CHIP SAMPLE OF QUARTZITE. WITHIN THE QZT THERE ARE LIMONITE - QUARTZ VUGGY VEINLETS. IN ADDITION THE SAMPLE HAS UNDERGONE WEAK TO MODERATE SILICIFICATION AND FRACTURES ARE COATED WITH A LIMONITE STAIN. THE SAMPLE WAS TAKEN FROM 15CM INTO HANGING WALL AND FOOTWALL OF THE VEIN. NO VEIN MATERIAL WAS SAMPLED.
VR84046A		FEX	10	DIS											SAMPLE OF QUARTZITE. IRON OXIDE MINERALS ARE PRESENT AS DISSEMINATED GRAINS, HOWEVER, THERE HAS BEEN PERVASIVE OXIDATION AND STAINING OF QUARTZ VEINS WITHIN THE SAMPLE. THE SAMPLE WAS TAKEN NEAR STATION FA 99 - 94.
VR84047A															SAMPLE OF QUARTZITE FLOAT TAKEN NEAR STATION FA 99 - 95.
VR84048A		HEM	20		QTZ	70		MUS	10						Pervasive hematite, matrix quartz, accessory muscovite. Cinnabar-red coloured mica pervasive throughout sample - hematite? Station 99-103 (FA).
VR84049A	M														Brecciated glassy quartz veinlets in an oxidized phyllite. Station FA-104.
VR84050A															Locally vuggy. Possibly oxidized py (py to lim) then silicified jasper-like.
VR84051A											SHD	144	56		Sample type: RC - TW 0.3m. Shear cutting foliated granite.
VR84052A	M	CLA	30		PYY	3	DIS	FEL	50						Feldspar altering to clay. Sericite and clay matrix. From Frank Hawker's placer cut. Station FA-111.
VR84053A		PYY	1	DIS											Silvery pyrite.
VR84054A		KFE	30	GRM	CAL	30	GRM								Kspar and calcite pervasive. Altered meta-intrusive (mafic rich host at one time).
VR84055A		PYY	3	DIS											Pyy: blebs and stringers, within vein and clasts of quartzite.
VR84056A		PYY	1	DIS											Pyrite within qu vein. Crustiform to massive, mm to cm quartz veins with trace disseminated pyrite xcutting foliation.
VR84057A		LIM	3	DIS							FOL	340	28		Sample: RC, 5.0m. Jointset #1 - 10/m. Jointset #2 - 4/m. Limonite pervasive along fractures. Three 2m long vertical panels across foliation in a 5m long zone.
VR84058A		LIM	3	DIS							VEN	340	28		Limonite: pervasive along fractures, joints and disseminated specks on foliation. Five 1-2m (shorter to NW) long vertical channels over a 6.5m width.
VR84059A		PYY	tr	DIS							FLT	270	82		Pyy along foliation and hairline veinlets. Joint set #1: 5/m. Joint set #2: Azm. 080, Dip 85, 10/m.
VR84060A		PYY	tr	VEN							FOL	014	40		Sample: RC, 0.5m. Joint: 4/m. Pyrite along hairline veinlets. Hairline qv with pyrite cutting foliation.
VR84061A	M														Sample: RC, 1.0m. Sulphate coated (white, chalky).
VR84062A		PYY	tr	VEN							FOL	020	48		Pyy xcutting veinlets. Joint: 4/m.
VR84063A											FOL	016	30		Joint: 10/m.
VR84064A															
VR84065A											VEN	175	85		Veinlets along 355degree trending joints.
VR84066A	M	PYY	3	DIS											From Jayce Murtagh at mouth of Miller Cree, feldspar altered to sericite Pyy in foliaform + stringers/blebs.
VR84067A		CIN	100												Pan concentrate. Cinnibar pebbles from placer concentrate Taken from Walter Yaremco clean up from mouth of Wy Gulch.
VR84068A		PYY	1	DIS	QTZ	80	REP	DOL	19	VEN					
VR84069A															graphitic schist lens within quartzite at FA-103 also RZ-181.

Sample Number	Assay Cert.	Au ppb	Ag ppm	Al %	As ppm	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 %
VR84039A	A9923135	15	0.16	0.31	379	-10	200	0.05	0.21	-0.01	0.06	0.6	128	85.9	3.12	4.9	-0.1	0.05	0.07	-10	0.01	25	9.2	-0.01
VR84040A	A9923135	65	0.7	0.5	2510	-10	910	0.25	0.76	0.01	0.38	2.8	82	297	14.65	2.2	-0.1	0.42	0.08	-10	0.01	215	2.2	-0.01
VR84041A	A9923452	10	0.84	0.12	42.2	-10	250	0.05	0.1	-0.01	-0.02	0.6	156	11.6	0.87	0.9	-0.1	0.1	0.06	-10	-0.01	20	1.4	0.01
VR84042A	A9923452	5	0.5	0.01	2650	-10	70	-0.05	0.05	-0.01	0.02	0.8	183	4.4	0.74	0.5	-0.1	0.06	-0.01	-10	-0.01	15	1.2	-0.01
VR84043A	A9923452	-5	0.22	0.01	419	-10	60	-0.05	0.05	-0.01	0.02	0.6	185	2.6	0.5	0.6	-0.1	0.01	-0.01	-10	-0.01	15	0.8	0.01
VR84044A	A9923452	20	0.12	0.01	2060	-10	10	-0.05	0.05	-0.01	0.02	0.8	207	2.2	0.52	0.1	-0.1	0.03	-0.01	-10	-0.01	15	0.8	-0.01
VR84045A	A9923452	-5	0.34	0.14	189.5	-10	160	0.05	0.05	-0.01	0.02	0.4	155	2.6	0.6	0.6	-0.1	0.17	0.08	-10	-0.01	15	1	0.01
VR84046A	A9923452	10	0.9	0.24	364	-10	220	0.15	0.06	-0.01	0.1	0.6	108	88.3	12.55	1.1	-0.1	0.27	0.04	-10	-0.01	20	1.6	-0.01
VR84047A	A9923452	5	0.4	0.16	38.6	-10	160	0.05	0.06	-0.01	0.06	0.4	137	5.8	0.84	0.5	-0.1	0.08	0.08	-10	-0.01	15	1.2	0.01
VR84048A	A9924184	-5	0.18	0.13	4.4	-10	50	-0.05	0.05	0.02	-0.02	0.4	138	3.4	0.66	0.9	-0.1	0.02	0.05	-10	0.01	30	0.6	-0.01
VR84049A	A9924184	25	6.22	0.26	67	-10	370	0.4	14.1	0.04	0.18	1	108	108.5	8.58	13.8	-0.1	0.07	0.3	30	0.01	45	31.8	-0.01
VR84050A	A9924184	10	1.3	0.21	9.2	-10	40	0.2	0.19	-0.01	0.12	31	128	137	8.12	0.8	-0.1	0.1	0.01	-10	-0.01	190	15	-0.01
VR84051A	A9924184	-5	0.08	0.41	19	-10	200	0.95	0.19	0.51	0.12	2.6	62	8.4	0.88	1.2	-0.1	0.45	0.21	-10	0.12	180	0.4	0.01
VR84052A	A9924184	70	0.34	0.51	22.4	-10	310	0.8	1.89	2.76	0.24	14	24	5.2	5.03	1.3	-0.1	0.05	0.16	10	1.24	2170	2.2	-0.01
VR84053A	A9924184	160	3.32	0.54	71.6	-10	240	0.7	9.77	0.19	0.78	6.4	49	105	4.87	4.6	-0.1	0.62	0.3	20	0.08	130	5.6	-0.01
VR84054A	A9924184	-5	-0.02	0.35	0.8	-10	100	0.2	0.06	5.33	0.02	1.8	43	1.4	0.77	2.1	-0.1	0.05	0.09	-10	0.23	505	0.2	0.04
VR84055A	A9925737	50	0.94	0.85	372	-10	190	0.25	0.08	0.11	0.14	3	59	33	2.1	5	-0.1	0.03	0.13	-10	0.6	220	1.2	-0.01
VR84056A	A9925737	15	10.5	0.18	46.4	-10	110	0.2	20.5	0.18	1.44	2.2	92	21	0.95	0.7	-0.1	0.01	0.04	-10	0.06	405	1.8	0.01
VR84057A	A9925737	15	0.4	0.31	92.8	-10	70	0.1	0.2	0.12	0.16	1.4	69	50.6	1.17	0.5	-0.1	0.03	0.06	-10	0.01	25	1	0.01
VR84058A	A9925737	10	0.36	0.33	102.5	-10	70	0.25	0.13	0.07	0.2	2.2	80	64.8	1.54	0.4	-0.1	0.05	0.06	-10	0.01	35	1.4	-0.01
VR84059A	A9925737	20	0.4	0.25	87.2	-10	60	0.1	0.09	0.04	0.08	1.2	69	44.4	1.18	0.4	-0.1	0.03	0.06	-10	0.01	20	1	-0.01
VR84060A	A9925737	-5	0.36	0.29	6	-10	190	0.05	0.19	0.22	0.42	3.6	77	44.8	1.95	0.8	-0.1	0.03	0.14	-10	0.17	450	2.2	0.01
VR84061A	A9925737	-5	0.4	0.3	6.6	-10	130	0.05	0.16	0.8	0.66	7	75	53.7	1.64	0.9	-0.1	0.01	0.15	-10	0.56	875	3.4	0.01
VR84062A	A9925737	-5	0.22	0.32	39.4	-10	140	0.15	0.17	0.31	0.16	5.8	82	36	2.13	0.9	-0.1	0.01	0.16	-10	0.25	575	2.2	0.01
VR84063A	A9925737	15	0.88	0.31	113	-10	230	0.15	0.12	0.34	1.12	7	76	77	2.83	1.1	-0.1	0.07	0.13	-10	0.03	490	3.8	0.01
VR84064A	A9925737	5	0.68	0.28	34.4	-10	420	0.2	0.12	0.01	0.3	1	89	25.8	0.94	0.9	-0.1	0.06	0.12	-10	0.03	140	3.8	0.01
VR84065A	A9925737	15	0.84	0.31	295	-10	250	0.1	0.18	0.03	0.38	1.8	74	68.3	1.63	0.7	-0.1	0.01	0.1	-10	0.02	95	1.8	0.01
VR84066A	A9926079	25	0.04	0.62	3.4	-10	460	0.1	0.21	0.08	0.38	4.4	96	13.4	1.5	1.5	-0.1	10	0.36	20	0.15	20	1	0.01
VR84067A	A9926079	3360	12.4	0.05	34	-10	-10	-0.5	-2	0.01	142.5	4	55	43	1.01	-10		10000	0.02	-10	-0.01	110	-1	-0.01
VR84068A	A9926079	30	-0.2	0.07	-2	-10	40	-0.5	6	15	0.5	3	-1	4	2.57	10		713	0.03	-10	10	1325	-1	0.01
VR84069A	A9927002	60	2.02	0.62	3.2	-10	190	0.25	0.32	0.02	0.06	1.4	105	167	1.49	1.3	-0.1	0.36	0.23	10	0.04	60	7.8	0.01

Sample Number	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR84039A	4	330	86	-0.01	2.5	1		31	0.3	-0.01	0.04	1.2	72	0.6	2	
VR84040A	6	1130	34	0.03	7.7	2		128	0.2	-0.01	0.04	2.95	15	0.65	20	
VR84041A	3	70	12	0.01	3	-1		11		-0.01	0.02	0.15	11	0.3	2	
VR84042A	4	30	6	0.09	4.2	-1		1		-0.01	-0.02	0.05	1	0.35	2	
VR84043A	3	40	12	0.01	3.1	-1		6		-0.01	-0.02	0.15	1	0.25	-2	
VR84044A	4	50	4	0.06	1.1	-1		-1		-0.01	0.02	-0.05	-1	0.4	-2	
VR84045A	2	140	2	0.01	6.5	-1		6		-0.01	0.24	0.1	6	0.3	2	
VR84046A	5	4460	8	0.04	33.3	-1		22		-0.01	0.02	4.1	58	0.9	36	
VR84047A	3	260	6	0.01	3.5	-1		13		-0.01	0.16	0.3	6	0.3	6	
VR84048A	3	30	-2	-0.01	0.2	-1	-0.5	3	0.05	-0.01	0.14	-0.05	1	0.2	2	
VR84049A	3	1650	142	0.5	32.6	2	7.5	91	5.75	-0.01	5.58	1.05	54	0.9	38	
VR84050A	104	900	18	0.05	13.1	-1	5	8	0.3	-0.01	0.3	2.4	22	0.6	622	
VR84051A	5	360	14	0.01	0.2	1	-0.5	22	0.05	-0.01	0.18	0.3	5	0.15	92	
VR84052A	7	1510	18	0.88	0.5	6	-0.5	62	0.05	-0.01	0.22	0.9	54	0.45	130	
VR84053A	6	820	170	1.22	19.4	6	-0.5	70	4.6	-0.01	4.02	1.6	38	1.25	72	
VR84054A	3	150	8	-0.01	0.1	-1	-0.5	455	-0.05	-0.01	0.04	1.2	5	0.1	26	
VR84055A	10	300	6	0.92	3.8	4	3	8	0.05	-0.01	0.12	0.75	23	1.65	20	
VR84056A	15	880	752	0.04	1.4	-1	3	20	0.55	-0.01	0.08	0.75	6	1.5	50	
VR84057A	16	820	14	0.01	4.1	-1	-0.5	13	0.05	-0.01	0.06	1.8	7	2.6	32	
VR84058A	20	580	12	0.01	5.6	-1	0.5	8	-0.05	-0.01	0.02	2.2	8	3.5	44	
VR84059A	15	360	12	0.02	5.4	-1	0.5	13	0.05	-0.01	0.06	1.35	6	2.75	26	
VR84060A	18	230	6	0.31	0.4	-1	1.5	13	0.15	-0.01	0.12	0.6	14	1.1	84	
VR84061A	22	490	4	0.4	0.1	-1	2	23	0.1	-0.01	0.06	1.4	8	0.85	52	
VR84062A	21	340	8	0.52	0.3	1	1	13	0.05	-0.01	0.18	0.7	11	0.9	44	
VR84063A	61	1940	34	-0.01	12.6	1	1.5	19	0.15	-0.01	0.16	1.6	34	15.9	322	
VR84064A	11	180	14	-0.01	1.3	-1	2.5	6	0.05	-0.01	0.14	0.9	17	1.1	44	
VR84065A	18	320	6	0.09	1.8	-1	0.5	7	0.1	-0.01	0.08	1.65	13	0.7	60	
VR84066A	10	240	6	0.87	0.5	-1	-0.5	15	-0.05	-0.01	0.18	0.75	3	0.2	22	
VR84067A	14	40	46	5	12	1		5		-0.01	-10	-10	7	520	2030	
VR84068A	17	160	-2	0.07	8	3		429		-0.01	-10	-10	15	-10	60	
VR84069A	7	110	6	0.01	0.7	1	1.5	5	0.2	-0.01	0.34	0.55	10	1.05	18	

Sample Number	Geol	Samp Date	Samp Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR84070A	FA	8/14/99	RG			NAD 27	7	501173	7100389				VEN	VUG	QTS		WT		OXI	M	
VR84101A	FA	7/25/99	RC	10	M	NAD 27	7	505187	7097521	TR99-1	0	10	QZT	GRA	PHY		GY				
VR84102A	FA	7/25/99	RC	2.5	M	NAD 27	7	505193	7097513	TR99-1	10	12.5	QZT	VEN	PHY		BN		OXI	M	
VR84103A	FA	7/25/99	RC	4	M	NAD 27	7	505195	7097502	TR99-1	12.5	16.5	SCH	GRA	VEN	FRI	OR		OXI	M	
VR84104A	RZ	7/25/99	RC	6	M	NAD 27	7	505198	7097108	TR99-1	16.5	22.5	PHY	GRA	QTZ	VEN	GY	BN			
VR84105A	FA	7/25/99	RC	3.5	M	NAD 27	7	505201	7097503	TR99-1	22.5	26	QTZ	VEN			WT		OXI	W	
VR84106A	FA	7/25/99	RC	10	M	NAD 27	7	505204	7097501	TR99-1	26	36	QZT	PHY	GRA		GY		OXI	W	SLC
VR84107A	FA	7/25/99	RC	8	M	NAD 27	7	505210	7097494	TR99-1	36	44	QZT	PHY	VEN	BRX	GY	OR	OXI	M	
VR84108A	FA	7/25/99	RC	9	M	NAD 27	7	505215	7097488	TR99-1	44	53	QZT	GRA	MIC		GY	QD			
VR84109A	FA	7/25/99	RC	3	M	NAD 27	7	505221	7097481	TR99-1	53	56	SCH	GRA	FRI		GY				
VR84110A	FA	7/25/99	RC	4	M	NAD 27	7	505223	7097477.5	TR99-1	56	60	PHY	GRA	BRX		BN	TA	SLC	M	OXI
VR84111A	FA	7/25/99	RC	7	M	NAD 27	7	505226	7097475	TR99-1	60	67	QZT	MIC			GY		OXI	M	
VR84112A	FA	7/25/99	RC	7	M	NAD 27	7	505230	7097469	TR99-1	67	74	SCH	GRA	MIC		GY				
VR84113A	FA	7/25/99	RC	2.5	M	NAD 27	7	505234	7097464	TR99-1	74	76.5	QZT	VEN			WT		OXI	M	
VR84114A	FA	7/25/99	RC	3.5	M	NAD 27	7	505236	7097462	TR99-1	76.5	80	QZT	GRA			GY	QD			
VR84115A	FA	7/25/99	RC	4.5	M	NAD 27	7	505238	7097459	TR99-1	80	84.5	QZT	BRX			GY		SLC	W	
VR84116A	FA	7/25/99	RC	7	M	NAD 27	7	505241	7097451	TR99-1	84.5	91.5	QZT	GRA	SHD	VEN	GY		OXI	W	
VR84117A	FA	7/25/99	RC	6	M	NAD 27	7	505245	7097451	TR99-1	91.5	97.5	QZT	GRA	VEN	BLK	BN		OXI	S	SLC
VR84118A	FA	7/25/99	RC	7.5	M	NAD 27	7	505249	7097446	TR99-1	97.5	105	PHY	GRA	VEN		GY		OXI	W	
VR84119A	FA	7/25/99	RC	5	M	NAD 27	7	505254	7097440	TR99-1	105	110	QZT	BLK			GY	QD			
VR84120A	FA	7/26/99	RC	4	M	NAD 27	7	505257	7097437	TR99-1	110	114	QZT	VEN					SLC	S	OXI
VR84121A	FA	7/26/99	RC	6.5	M	NAD 27	7	505260	7097433	TR99-1	114	120.5	QZT	BLK	GRA				SLC	W	
VR84122A	FA	7/26/99	RC	4.5	M	NAD 27	7	505264	7097428	TR99-1	120.5	125	VEN	PHY	GRA		WT				
VR84123A	FA	7/26/99	RC	4.5	M	NAD 27	7	505267	7097425	TR99-1	125	129.5	QZT	GRA			GY	QD			
VR84124A	FA	7/26/99	RC	5.5	M	NAD 27	7	505270	7097422	TR99-1	129.5	135	QZT	VEN			WT		SLC	M	

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR84070A															vuggy off white qtz vein along a fracture in quartzite.
VR84101A															No sulfides seen. Some rusty interbeds.
VR84102A											VEN	010	45		Quartz showing up foliaform. Rusty along foliation. Weakly indurated quartz-rich metasediment.
VR84103A															Water flowing in at 14.3m - fault within section. Ground frozen from 14-16.5m. Quartz located on HW of structure, 10-20cm wide, white, massive, locally vuggy. No sulfides seen.
VR84104A															Quartz sweats or boudins; messy walls and cannot get azimuth. Graphitic interbeds. Dominantly phyllite.
VR84105A															Massive, friable. Large quite quartz, jointed and fractured, apparent trends of 110 degrees. Red-brown oxide stained surfaces.
VR84106A	M														Not in bedrock: 29.7-30.4, 32.0-32.5 (therefore not in sample). Possibly the main fault zone; quartzite is massive looking, silicified; phyllite is graphitic; some quartzite layers are bleached tan. Find local brecciated vein intervals.
VR84107A											VEN	110	80		Weakly graphitic quartzite with muscovite/mica along foliation. Locally brecciated by qu, locally vuggy foliae. Weathered out material. Moderate red-brown oxide stain along joints. Less then 5% qu overall. Locally strong oxidation and weak brecciation by secondary quartz veinlets.
VR84108A															Very blocky, conjugate jointed, hard quartzite, weakly graphitic, strongly micaceous foliae.
VR84109A															Thinly laminated quartz-mica schist. Mica-feldspar-quartz layers are tan to rusty colour. Biv-quartz-gra layers grey to black colour. Rare cm massive white foliaform quartz. Undulating/folded unit - dip variable, trend usually NE.
VR84110A	W	PYY	tr	DIS											Silification grades into sheared phy then qzt. Pyrite traces in silicified phy. Silicified phyllite becomes sheared at 58 metres. Next sequence is blocky competent micaceous quartzite with chlorite and pale yellow muscovite along foliae. Some porous rotted (iron rich) cm layers in the quartzite. Red brown oxide stain along fractures and foliae surfaces.
VR84111A															Biotite-muscovite quartzite. Chlorite and yellow muscovite along foliae surfaces. Strong brown to black (Fe and Mn) oxide stain along fractures. Weakly graphitic foliae.
VR84112A															Well formed foliae, graphitic mica schist. Minor red-brown oxide stain along fractures.
VR84113A		ARS	tr	DIS											Trace arsenopyrite blebs and hairline lenses in quartz. Massive quartz. First 0.5m is silicified graphitic phyllite. Remaning 2m is massive white quartz vein, fractured with orange-brown oxide on surfaces.
VR84114A															Minor graphite foliae.
VR84115A															Quartzite that is locally brecciated and healed by quartz veining. Interval ends in a graphitic-muscovite rich shear trending E-W.
VR84116A											VEN	248	78		Silicified around the quartzite. Mix of graphitic phyllite and grey quartzite. Locally strong red-brown oxide stain on fracture surfaces. Graphite-rich beds show shearing (crumbled and clayey).
VR84117A	W														Pervasively oxidized (Fe+Mn) graphitic quartzite that has been stockworked by qv from 1cm to 12cm size. Qv not pervasive so causes local silicification, minor brecciation. Intense fracturing heated by dark brown oxide, leaving open spaces locally.
VR84118A											VEN	060	70	W	Friable, platy graphitic phyllite. 70cm quartz lens at 104.3m - fractured, oxide stained, no sulfides.
VR84119A															Blocky, well-jointed, unaltered dk-grey micaceous quartzite.
VR84120A	M	ARS	tr	VEN											Grey silicifed graphitic quartzite with massive white QV to 15cm width. Black and orange oxide along fractures. Also have vein brecciating tan phyllite. Arsenopyrite strings and blebs seen in pieces of quartz vein.
VR84121A															Blocky graphitic quartzite. Quartzite becomes silicified in last 50cm+. Forms footwall to arseno bearing quartz vein in next sample.
VR84122A		ARS	1	VEN											Massive white vein sandwiching approx. 1m section of moderately sillicified phyllite (graphitic) Quartz vein has graphitic salvages. Blobs, blebs, patches and lenses of arseno in the quartz veins.
VR84123A															Weakly graphitic quartzite with yellow-brown clay along foliae and on some fractured surfaces Minor dark brown and black oxide stain along fractures. Last 50cm is silicified - forms footwall to vein.
VR84124A		ARS	tr	VEN											Massive white qv with few fractures. Pervasively silicified quartzite forms 10% of interval Patches/blebs of arseno, noticeable by scorodite stain.

Sample Number	Assay Cert.	Au ppb	Ag ppm	Al %	As ppm	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 %
VR84070A	A9927002	-5	0.4	0.18	3	-10	10	0.2	0.2	0.02	0.06	5.8	181	100.5	3.61	0.5	-0.1	0.03	-0.01	-10	0.01	55	3	-0.01
VR84101A	A9924524	20	0.32	0.41	377	-10	120	0.15	0.2	-0.01	0.06	0.6	128	34.6	1.61	1.6	-0.1	0.05	0.16	10	0.01	25	6.2	0.01
VR84102A	A9924524	80	0.36	0.32	368	-10	390	0.15	0.18	-0.01	0.04	0.6	145	30.2	1.72	1.1	-0.1	0.07	0.1	-10	0.01	20	7.6	0.01
VR84103A	A9924524	140	0.4	0.45	518	-10	720	0.5	1.84	-0.01	0.06	0.6	128	42.6	2.26	1.5	-0.1	0.06	0.16	10	0.02	15	6	0.01
VR84104A	A9924524	10	0.24	0.4	260	-10	270	0.25	0.2	-0.01	0.02	0.6	131	16.8	1.36	1.5	-0.1	0.05	0.17	10	0.02	20	4.2	-0.01
VR84105A	A9924524	-5	0.28	0.32	320	-10	170	0.15	0.14	0.01	0.04	0.8	139	22.6	1.25	1.1	-0.1	0.06	0.11	-10	0.03	20	2.8	-0.01
VR84106A	A9924524	10	0.36	0.3	424	-10	150	0.15	0.13	0.01	0.06	1	178	44.2	2.23	1.3	-0.1	0.08	0.1	-10	0.03	30	5.2	0.01
VR84107A	A9924524	10	0.14	0.27	334	-10	140	0.2	0.12	0.01	0.02	1	161	21.8	1.63	0.9	-0.1	0.01	0.07	-10	0.03	35	3.4	0.01
VR84108A	A9924524	-5	0.24	0.33	238	-10	140	0.15	0.11	0.03	0.02	1.2	115	29.2	1.94	1	-0.1	0.04	0.1	-10	0.04	45	3.8	0.01
VR84109A	A9924524	5	0.1	0.35	268	-10	190	0.25	0.16	0.01	0.02	0.8	127	38.6	2.21	1.3	-0.1	0.04	0.13	10	0.03	35	3.6	0.01
VR84110A	A9924524	10	0.12	0.26	244	-10	150	0.15	0.06	-0.01	0.04	0.8	156	19.6	1.46	0.9	-0.1	0.03	0.1	-10	0.02	25	4.2	0.01
VR84111A	A9924524	5	0.16	0.3	339	-10	200	0.1	0.08	0.01	0.06	1	137	22.6	1.78	0.9	-0.1	0.04	0.1	-10	0.03	30	2.8	0.01
VR84112A	A9924524	15	0.24	0.54	568	-10	230	0.2	0.17	0.05	0.08	1.8	136	26.4	1.9	1.7	-0.1	0.07	0.17	10	0.08	70	4.6	0.01
VR84113A	A9924524	120	1.22	0.2	7150	-10	120	0.05	0.3	0.01	0.06	1	159	13.2	1.57	0.6	-0.1	0.07	0.06	-10	0.03	35	3.2	-0.01
VR84114A	A9924524	40	0.32	0.31	758	-10	180	0.1	0.12	0.02	0.08	1.2	168	15.4	1.24	1	-0.1	0.01	0.1	-10	0.04	50	5	0.01
VR84115A	A9924524	5	0.12	0.4	279	-10	190	0.1	0.12	0.03	0.08	1.8	143	32.2	1.67	1.2	-0.1	0.03	0.09	-10	0.05	75	3	0.01
VR84116A	A9924524	10	0.12	0.33	209	-10	170	0.15	0.11	-0.01	0.04	0.8	162	39	1.59	1.1	-0.1	0.05	0.11	-10	0.01	25	4.2	0.01
VR84117A	A9924524	15	0.16	0.39	888	-10	360	0.15	0.26	0.01	0.08	1.2	146	47.4	2.89	1.3	-0.1	0.07	0.07	-10	0.03	40	3	0.01
VR84118A	A9924524	20	0.18	0.51	728	-10	280	0.2	1.14	0.02	0.06	1	130	44	1.89	2	-0.1	0.08	0.19	10	0.04	30	4.6	0.01
VR84119A	A9924524	5	0.22	0.33	758	-10	250	0.15	0.12	0.03	0.08	1	126	45.6	2.85	1.2	-0.1	0.07	0.08	-10	0.03	35	3.2	-0.01
VR84120A	A9924524	15	0.96	0.29	4160	-10	300	0.2	0.18	0.03	0.08	1.4	159	34.8	1.96	1.1	-0.1	0.03	0.07	-10	0.03	40	4.2	-0.01
VR84121A	A9924524	10	0.24	0.34	466	-10	230	0.15	0.12	0.02	0.06	1	137	38.4	2.14	1.3	-0.1	0.04	0.1	-10	0.03	35	3.6	0.01
VR84122A	A9924524	10	0.48	0.18	1220	-10	180	0.1	0.56	0.02	0.2	1	190	14.6	1.08	0.8	-0.1	0.04	0.04	-10	0.02	45	4.8	-0.01
VR84123A	A9924524	-5	0.26	0.23	395	-10	210	0.1	0.04	0.02	0.08	1	141	17.8	1.54	0.9	-0.1	0.01	0.06	-10	0.03	50	3.6	-0.01
VR84124A	A9924524	10	6.22	0.18	412	-10	120	0.15	4.89	0.02	0.08	1	143	18.4	0.93	0.6	-0.1	0.01	0.04	-10	0.03	50	4.2	-0.01

Sample Number	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR84070A	26	790	14	0.02	0.2	1	0.5	2	0.05	-0.01	0.02	1.3	7	3.15	84	
VR84101A	3	230	20	-0.01	1	3	2.5	7	0.15	-0.01	0.08	1.5	21	0.85	10	
VR84102A	3	280	20	-0.01	1	3	1.5	7	0.05	-0.01	0.06	1.5	19	0.5	2	
VR84103A	3	380	50	0.01	2.6	3	2.5	9	0.15	-0.01	0.08	1.8	25	0.85	2	
VR84104A	2	210	22	0.01	0.8	2	1.5	10	0.1	-0.01	0.08	0.8	17	0.5	2	
VR84105A	3	160	26	-0.01	0.9	1	0.5	8	0.15	-0.01	0.06	0.6	13	0.4	2	
VR84106A	4	310	26	-0.01	2.1	2	2.5	9	0.05	-0.01	0.08	1.1	16	0.45	6	
VR84107A	5	260	20	-0.01	1.5	1	0.5	7	0.05	-0.01	0.02	1.3	12	0.4	10	
VR84108A	4	240	8	-0.01	1.7	1	2.5	9	-0.05	-0.01	0.04	0.75	11	0.3	8	
VR84109A	4	310	14	-0.01	2.6	1	2.5	17	0.05	-0.01	0.06	1.25	14	0.4	10	
VR84110A	3	200	6	-0.01	1.7	1	1	7	0.05	-0.01	0.06	0.75	12	0.2	2	
VR84111A	4	270	12	-0.01	1.8	1	1	7	-0.05	-0.01	0.06	0.85	13	0.4	4	
VR84112A	6	290	34	-0.01	1.7	2	1.5	19	0.2	0.01	0.1	1.1	17	0.5	10	
VR84113A	4	110	62	0.01	2.6	1	6	5	0.35	-0.01	0.04	0.2	6	0.45	6	
VR84114A	5	130	54	-0.01	1.4	1	0.5	8	0.05	-0.01	0.06	0.5	9	0.2	4	
VR84115A	4	230	126	-0.01	2.6	1	2	18	-0.05	-0.01	0.06	0.85	14	0.5	8	
VR84116A	3	190	18	-0.01	1.2	1	1.5	13	-0.05	-0.01	0.06	1.15	13	0.3	2	
VR84117A	4	620	60	-0.01	3.3	3	2	45	0.05	-0.01	0.04	2.75	24	0.75	8	
VR84118A	4	270	54	-0.01	2.1	2	2	21	0.2	-0.01	0.1	1.4	19	0.65	6	
VR84119A	3	530	28	-0.01	1.6	2	1.5	18	0.05	-0.01	0.06	1.6	18	0.4	6	
VR84120A	7	300	52	0.08	3.1	1	2.5	25	0.2	-0.01	0.06	0.95	14	0.3	6	
VR84121A	4	380	32	-0.01	2.6	1	2	16	0.05	-0.01	0.06	1.3	26	0.45	6	
VR84122A	5	200	200	0.01	3.5	-1	1	8	0.15	-0.01	0.02	0.5	11	0.15	8	
VR84123A	5	490	60	-0.01	3.1	1	-0.5	9	-0.05	-0.01	0.04	1.1	27	0.45	8	
VR84124A	4	330	694	0.01	3.2	-1	3.5	8	0.75	-0.01	0.02	0.65	15	0.15	6	

Sample Number	Geol	Samp. Date	Samp. Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR84125A	FA	7/26/99	RC	5	M	NAD 27	7	505274	7097413	TR99-1	135	140	QZT	GRA	VEN		GY	QD	SLC	W	
VR84126A	FA	7/26/99	RC	10	M	NAD 27	7	505296	7097499	TR99-2	0	10	QZT	LAM			GY	TA	OXI	W	
VR84127A	FA	7/26/99	RC	10	M	NAD 27	7	505302	7097491	TR99-2	10	20	QZT	VEN					SLC	W	OXI
VR84128A	FA	7/26/99	RC	10	M	NAD 27	7	505308	7097485	TR99-2	20	30	QZT	GRA	VEN		GY		SLC	W	OXI
VR84129A	FA	7/26/99	RC	2.5	M	NAD 27	7	505315	7097477	TR99-2	30	32.5	QZT	STO			GY	BN	OXI	M	SLC
VR84130A	FA	7/26/99	RC	8	M	NAD 27	7	505316.5	7097474	TR99-2	32	40	QZT	PHY			GY				
VR84131A	FA	7/26/99	RC	10	M	NAD 27	7	505321	7097469	TR99-2	40	50	QZT	PHY	MIC		GY				
VR84132A	FA	7/26/99	RC	10	M	NAD 27	7	505328	7097461	TR99-2	50	60	QZT	BRX			GY				
VR84133A	FA	7/27/99	RC	9	M	NAD 27	7	505334	7097453	TR99-2	60	69	QZT	VEN			GY		OXI	M	
VR84134A	FA	7/27/99	RC	6.5	M	NAD 27	7	505339	7097445	TR99-2	69	75.5	PHY	GRA	FRI		GY				
VR84135A	FA	7/27/99	RC	3.5	M	NAD 27	7	505343	7097441	TR99-2	75.5	78.5	QZT	VEN	ZIR		WT		OXI	W	
VR84136A	FA	7/26/99	RC	8.5	M	NAD 27	7	505345	7097439	TR99-2	78.5	87	QZT	PHY	VEN		GY	OR	OXI	M	
VR84137A	FA	7/26/99	RC	7	M	NAD 27	7	505350	7097432	TR99-2	87	94	QZT				GY	WT	SLC	M	OXI
VR84138A	FA	7/26/99	RC	6	M	NAD 27	7	505355	7097427	TR99-2	94	100	QZT	VEN	BRX	STO	GY	OR	OXI	S	SLC
VR84139A	FA	7/27/99	RC	10	M	NAD 27	7	505358	7097422	TR99-2	100	110	QZT	BRX	VEN		GY	OR	SLC	S	OXI
VR84140A	FA	7/26/99	RC	10	M	NAD 27	7	505365	7097414	TR99-2	110	120	PHY	GRA	BRX		BK				
VR84141A	FA	7/27/99	RC	10	M	NAD 27	7	505371	7097406	TR99-2	120	130	PHY	GRA	QTZ		BK	GY			
VR84142A	RD	7/27/99	RC	5.5	M	NAD 27	7	505600	7097238	TR99-3	0	5.5	QZT	BRX	STO	LAM			OXI	W	SLC
VR84143A	RD	7/27/99	RC	4.5	M	NAD 27	7	505596	7097242	TR99-3	5.5	10	QZT	GRA			GY	WT	BLE		SLC
VR84144A	RD	7/27/99	RC	10	M	NAD 27	7	505593	7097445	TR99-3	10	20	QZT	GRA			GY	BN	SLC	W	OXI
VR84145A	RD	7/27/99	RC	4.5	M	NAD 27	7	505585	7097251	TR99-3	20	24.5	QZT				GY	BN	SLC	W	OXI
VR84146A	RD	7/27/99	RC	6	M	NAD 27	7	505581	7097254	TR99-3	24.5	30.5	QZT	PHY	MUS		GY	BN	OXI	S	SLC

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR84125A															Grab of poorly exposed subcrop, rubble, and pieces of bedrock. Rock is quartzite - variously silicified, viened, and graphitic. Veins are massive foliaform and bullquartz crosscutting foliation - cm size.
VR84126A															Dark grey quartzite with tan to pale gold phyllite layers. Occasional foliaform white quartz veins, no sulphides. Some fractures strongly oxidized and coated with Fe+Mn oxides. Frozen wall, very muddy, not the best sample.
VR84127A	W	PYY	tr	DIS											Grey quartzite, well foliated, defined by pale brown mica. Foliaform white quartz layers common. Trace oxidized to leached out pyrite leaving cubic imprints. Rare crosscutting (mm-cm scale), massive white quartz veinlets. Crosscutting veinlets cause weak silicification. Trace iron stain on fracture surfaces.
VR84128A	W	PYY	tr	DIS											Same as 84127. Weak silicification associated with stockworking, cubic imprints from pyrite.
VR84129A	M	PYY	tr	STF											Weak qtz stockworking and associated fracturing. Fractures filled by white clay (feldspar to kaolin?) or dark brown to orange oxide. Pyy imprints along the clay filled fractures.
VR84130A															Dominantly weak graphite, platy phyllite. 30cm wide quartz interbed is brecciated by white quartz veining. Most of interval is frozen with mud and rock, therefore poor sampling
VR84131A															Micaceous quartzite with minor phyllite layers. Last 2m covered by mud and slough
VR84132A															Poor sample. Poor exposure of trench, whole side is subscrop or frozen overburden. Chips taken from exposed boulders and occasional subcrop. Quartzite is pale grey and brecciated by white quartz vein material.
VR84133A															Poor exposure of bedrock. Rock type is a quartzite with strong brown/red/orange oxide coatings on fractures and along biotite rich foliae. Massive white quartz veining brecciates the rock in places. Also have white qv cutting foliation; chips taken from base of wall and include subcrop and overburden.
VR84134A															Grey, greasy phyllite. Occasional white massive quartz knots.
VR84135A															Massive, fractured (oxidized along fractures) and brecciated qv with 20cm silicified HW. Goes into a well foliated quartz-rich mica schist @ 77cm.
VR84136A															Grey graphitic oxidized phyllite, grades into grey quartzite to the southeast. Spaced by massive yellow-white quartz boudins and breccias. Foliaform white QV in quartzite - vuggy and oxidized.
VR84137A	M														Grey to white bleached quartzite, well foliated. Separate bands of yellowish white silicified (foliation absent) quartzite. Also have blocks of brecciated grey silicified phyllite; cemented by Fe-oxide. Pervasive oxide invading fractures and foliation.
VR84138A	M	ARS	tr	VEN											Pervasive Fe-Mn oxide and pale yellow clay coating fractures. Quartzite is grey, silicified in [places brecciated. Brecciation and silicification caused by massive, irregular, fractured qv - stockwork?
VR84139A	M	ARS	tr	VEN											Grey quartzite is pervasive. Silicification and moderate oxidation along fractures. Quartzite was micaceous with some graphite - now it is brecciated by white qtz stockwork. Solid quartzite (non-micaceous, non graphitic) is silicified with obliteration of foliation. White fractured quartz boudins with blebs of arsenopyrite found near start of interval.
VR84140A															Phyllite fragments cemented by graphite matrix. Grades into a strongly graphitic phyllite by 113m.
VR84141A															Black graphitic phyllite sandwiching a grey quartzite bed. @127m have a foliaform yellow hinged massive quartz lens; fractured and filled with limonite and soft yellow clay - dark green mica selvage. Less graphitic than previous interval.
VR84142A	M	QTZ	2	VEN	LIM	5	VEN	ARO	tr	VEN					ARO=scorodite. Quartz is foliaform 5-10cm veins. Trench begins in grey silicicified quartz for 2m. **West face sampled.
VR84143A	S	ANO	tr	VEN	LIM	5	REP	QTZ	2	VEN	VEN	350	80		Quartz mineralization: 2, 10 cm foliation with silicified zones. One cross cutting 4mm qv 350/80. Silicification is associated with foliaform veins. West face sampled.
VR84144A	M	QTZ	5	VEN	LIM	10	REP								Quartz: foliaform 2-5cm. Limonite: rotted sx? (?). Limonite/oxidation has increased. SLC had decreased. Foliaform veins associated with oxi/lim + GRA QZT One cross-cutting 4mm QV 350/80 (same one?). West face sampled.
VR84145A	M	QTZ	1	VEN	LIM	5	REP			DIS					Quartz: foliaform only observed. Limonite: replacement/diseminated. Quartzite is more phyllitic with gold-light brown muscovite partings. Alteration/veining less intense? West face sampled.
VR84146A	W	LIM	20	DIS	QTZ	5	VEN								Limonite: diseminated and around veins. Quartz: foliaform and hair line cross-cutting fractures (qv). West face sampled.

Sample Number	Assay Cert.	Au ppb	Ag ppm	Al %	As ppm	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 %
VR84125A	A9924524	-5	0.26	0.2	191	-10	160	0.05	0.1	0.01	0.06	1	137	12.8	0.98	0.9	-0.1	-0.01	0.06	-10	0.02	50	3.2	-0.01
VR84126A	A9924524	10	0.14	0.32	522	-10	90	0.1	0.17	0.03	0.12	1.2	138	29	2.39	1.1	-0.1	0.05	0.09	-10	0.04	45	4.4	0.01
VR84127A	A9924524	40	0.08	0.21	138	-10	100	0.15	0.16	0.01	0.04	1	149	21	0.91	0.7	-0.1	0.04	0.08	-10	0.02	35	3.4	-0.01
VR84128A	A9924524	-5	0.08	0.21	151	-10	120	0.15	0.19	0.01	0.06	1	163	19.2	0.99	0.8	-0.1	0.02	0.07	-10	0.03	45	4.2	0.01
VR84129A	A9924524	-5	0.08	0.22	180	-10	120	0.15	0.09	0.01	0.06	0.8	154	24.4	1.07	0.8	-0.1	0.03	0.08	-10	0.01	45	3.4	-0.01
VR84130A	A9924524	-5	0.12	0.39	428	-10	170	0.2	0.12	0.04	0.08	1.4	131	31.8	1.54	1.7	-0.1	0.03	0.11	10	0.05	65	4.4	0.01
VR84131A	A9924524	-5	0.14	0.25	351	-10	160	0.15	0.07	0.01	0.1	0.8	140	25	1.5	0.9	-0.1	0.02	0.08	-10	0.02	50	3.2	-0.01
VR84132A	A9924524	-5	0.2	0.24	190	-10	170	0.05	0.06	0.04	0.12	1.4	152	16.4	1.08	0.8	-0.1	-0.01	0.05	-10	0.04	75	4.2	0.01
VR84133A	A9924807	-5	0.44	0.25	381	-10	190	0.15	0.07	0.04	0.12	1.2	151	19.4	1.29	0.9	-0.1	0.05	0.06	-10	0.04	70	3.8	0.01
VR84134A	A9924807	-5	0.1	0.34	236	-10	120	0.15	0.08	0.03	0.06	1	169	54.5	1.68	1.4	-0.1	0.05	0.13	10	0.04	40	3.8	0.01
VR84135A	A9924807	10	0.18	0.2	610	-10	140	0.1	0.16	0.01	0.06	0.6	164	45.2	1.8	1	-0.1	0.06	0.08	-10	0.01	20	4	-0.01
VR84136A	A9924807	10	0.16	0.29	387	-10	170	0.15	0.92	0.01	0.08	0.8	151	33.4	1.76	1	-0.1	0.05	0.1	-10	0.02	40	3.4	-0.01
VR84137A	A9924807	-5	0.12	0.2	326	-10	270	0.05	0.05	0.01	0.08	1	137	38.8	1.78	0.8	-0.1	0.05	0.05	-10	0.01	55	3.4	-0.01
VR84138A	A9924807	-5	0.16	0.22	398	-10	400	0.15	0.1	0.01	0.1	1	160	32.8	1.63	0.8	-0.1	0.05	0.05	-10	0.01	45	3.4	-0.01
VR84139A	A9924807	-5	0.32	0.24	314	-10	220	0.05	0.15	0.01	0.06	1.2	147	39.6	1.76	1.7	-0.1	0.04	0.06	-10	0.01	50	4.8	-0.01
VR84140A	A9924807	10	0.54	0.36	101	-10	300	0.1	0.13	0.01	0.02	0.8	159	23.8	1.07	1.6	-0.1	0.05	0.11	-10	0.02	35	5.6	0.01
VR84141A	A9924807	-5	0.18	0.35	181	-10	190	0.15	0.12	-0.01	0.02	0.8	166	55	1.79	1.7	-0.1	0.06	0.1	-10	0.02	25	5.2	0.01
VR84142A	A9924807	-5	0.68	0.54	83.4	-10	300	0.2	0.14	0.05	0.06	1.8	164	11	1.14	2.1	-0.1	0.14	0.14	10	0.08	65	11.6	0.01
VR84143A	A9924807	-5	0.72	0.46	242	-10	190	0.2	0.15	0.03	0.06	0.8	155	24.4	1.36	2.5	-0.1	0.14	0.13	10	0.02	30	6.8	0.01
VR84144A	A9924807	-5	0.26	0.35	257	-10	160	0.1	0.14	0.02	0.02	2	168	20	1.59	1.1	-0.1	0.11	0.09	-10	0.03	75	4	0.01
VR84145A	A9924807	-5	0.34	0.31	169	-10	440	0.1	0.15	0.02	0.02	0.8	166	8.4	1.04	1.4	-0.1	0.12	0.1	-10	0.03	45	5.4	0.01
VR84146A	A9924807	110	0.44	0.46	692	-10	170	0.15	0.22	0.03	0.02	1	150	36	1.77	4.7	-0.1	0.08	0.15	10	0.03	40	5.8	0.01

Sample Number	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR84125A	4	200	14	-0.01	1.2	-1	1	9	-0.05	-0.01	0.02	0.55	14	0.3	2	
VR84126A	5	430	26	-0.01	2.7	2	1.5	8	0.05	-0.01	0.04	1.45	15	0.3	12	
VR84127A	4	120	24	-0.01	0.9	1	1	6	-0.05	-0.01	0.04	0.45	7	0.3	2	
VR84128A	3	110	22	-0.01	1.3	-1	1	7	-0.05	-0.01	0.04	0.45	8	0.15	2	
VR84129A	5	110	20	-0.01	1.3	1	1	9	-0.05	-0.01	0.02	0.45	10	0.4	2	
VR84130A	4	200	20	-0.01	1.4	1	2	17	0.05	-0.01	0.04	0.7	16	0.4	8	
VR84131A	4	200	18	-0.01	1.3	1	0.5	12	-0.05	-0.01	0.02	0.65	12	0.4	6	
VR84132A	4	180	18	-0.01	1.4	-1	0.5	13	0.05	-0.01	0.02	0.5	12	0.15	8	
VR84133A	5	230	18	0.01	2.3	-1	0.5	12	0.05	-0.01	0.08	0.6	17	0.4	10	
VR84134A	4	150	12	-0.01	1.2	1	1	9	0.05	-0.01	0.04	0.7	13	0.4	8	
VR84135A	3	190	24	-0.01	1.9	1	1.5	14	0.15	-0.01	0.02	0.9	10	0.35	6	
VR84136A	3	300	26	-0.01	1.8	1	1.5	18	0.2	-0.01	0.04	1	14	0.35	8	
VR84137A	2	280	16	-0.01	3.6	-1	2	32	0.05	-0.01	0.02	0.65	11	0.35	10	
VR84138A	3	410	38	-0.01	2.3	1	0.5	51	0.05	-0.01	0.02	1.1	24	0.3	6	
VR84139A	4	290	36	-0.01	2	1	1	24	0.05	-0.01	0.04	0.65	23	0.4	8	
VR84140A	4	270	22	-0.01	1.6	1	2.5	26	0.05	-0.01	0.06	0.5	17	0.55	10	
VR84141A	4	150	8	-0.01	0.9	1	7.5	6	0.05	-0.01	0.06	0.8	22	0.5	10	
VR84142A	6	230	18	0.05	4.5	1	1.5	35	0.15	0.01	0.14	1.25	34	0.9	24	
VR84143A	5	770	12	0.05	2.4	5	1	25	0.1	-0.01	0.24	2.15	25	0.65	12	
VR84144A	7	390	8	0.04	2.5	2	0.5	15	0.1	-0.01	0.14	0.85	15	0.5	18	
VR84145A	3	560	26	0.05	7.6	3	2.5	29	0.2	-0.01	0.18	0.7	7	0.6	4	
VR84146A	4	380	8	0.04	3.2	4	3.5	14	0.2	-0.01	0.12	1.25	15	0.75	12	

Sample Number	Geol	Samp. Date	Samp Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR84147A	RD	7/27/99	RC	3.5	M	NAD 27	7	505576	7097258	TR99-3	30.5	34	PHY	MUS			BN		OXI	S	
VR84148A	RD	7/27/99	RC	10	M	NAD 27	7	505573	7097260	TR99-3	34	44	QZT				GY	BN	OXI	S	SLC
VR84149A	RD	7/27/99	RC	10	M	NAD 27	7	505565	7097266	TR99-3	44	54	QZT	BRX	GRA		BN	GY	OXI	S	
VR84150A	RD	7/27/99	RC	10	M	NAD 27	7	505558	7097272	TR99-3	54	64	PHY	QTZ	GRA				SLC	W	OXI
VR84151A	RD	7/27/99	RC	7	M	NAD 27	7	505549	7097278	TR99-3	64	71	QZT				WT	GY	SLC	S	OXI
VR84152A	RD	7/27/99	RC	10	M	NAD 27	7	505544	7097282	TR99-3	71	81	QZT	GRA	PHY		BK	GY	OXI	W	SLC
VR84153A	RD	7/27/99	RG	4.5	M	NAD 27	7	505535	7097288	TR99-3	81	85.5	QZT				GY	BN	OXI	W	SLC
VR84154A	RD	7/27/99	RG	9.5	M	NAD 27	7	505532	7097291	TR99-3	85.5	95	PHY	QTZ	GRA		BK	GY	SLC	W	
VR84155A	FA	7/27/99	RC	5	M	NAD 27	7	505523	7097294	TR99-3	95	100	QZT	PHY	BRX		BK	GY	SLC	W	OXI
VR84156A	RD	7/27/99	RC	10	M	NAD 27	7	505518	7097296	TR99-3	100	110	QZT	PHY			BK	GY	SLC	M	OXI
VR84157A	RD	7/27/99	RC	10	M	NAD 27	7	505509	7097299.5	TR99-3	110	120	QZT	GRA			GY	BN	SLC	W	
VR84158A	RD	7/27/99	RC	6	M	NAD 27	7	505500	7097304	TR99-3	120	126	QZT	GRA			GY		SLC	S	
VR84159A	RH	7/27/99	RC	3	M	NAD 27	7	505593	7097246	TR99-4	0	3	QZT	MAB			GY	WT	SLC	S	FOX
VR84160A	RH	7/28/99	RC	9	M	NAD 27	7	505595	7097248	TR99-4	3	12	QTZ	PHY			GY	WT	BLE	M	SLC
VR84161A	RD	7/28/99	RC	6.7	M	NAD 27	7	505602	7097253	TR99-4	12	18.7	PHY	QTZ	GRA		BN	BK	OXI	S	SLC
VR84162A	RH	7/28/99	RC	9.3	M	NAD 27	7	505608	7097257	TR99-4	18.7	28	PHY	QTS	GRA		GY		WEA	W	OXI
VR84163A	RH	7/28/99	RC	7	M	NAD 27	7	505615	7097263	TR99-4	28	35	PHY	GRA	QTZ		GY		OXI	W	
VR84164A	RD	7/28/99	RC	10	M	NAD 27	7	505620	7097268	TR99-4	35	45	PHY	GRA	QTZ	GRA	BK		OXI	W	
VR84165A	RH	7/28/99	RC	10	M	NAD 27	7	505628	7097274	TR99-4	45	55	QZT	PHY	MIC	GRA	GY		WEA	W	
VR84166A	RD	7/28/99	RC	5	M	NAD 27	7	505636	7097280	TR99-4	55	60	QZT	PHY	MUS	GRA	GY	BK	OXI	W	SLC
VR84167A	RH	7/28/99	RC	5	M	NAD 27	7	505639	7097284	TR99-4	60	65	QTZ	MIC	PHY		GY		WEA	W	SLC
VR84168A	RH	7/29/99	RC	7	M	NAD 27	7	505643	7097287	TR99-4	65	72	QZT	PHY	QTZ	GRA	GY		OXI	W	
VR84169A	RD	7/29/99	RC	4.5	M	NAD 27	7	505710	7097339	TR99-5	0.5	5	QZT	PHY	GRA		GY	BN	OXI	M	SLC
VR84170A	RH	7/29/99	RC	7	M	NAD 27	7	505713	7097342	TR99-5	5	12	QZT	QTZ	PHY	GRA	GY		BLE	W	SER
VR84171A	RD	7/29/99	RC	10	M	NAD 27	7	505718	7097348	TR99-5	12	22	PHY	GRA			BK	GY	OXI	M	MUS
VR84172A	RH	7/29/99	RC	10	M	NAD 27	7	505726	7097354	TR99-5	22	32	QTZ	PHY	MIC	GRA	GY		BLE	W	OXI
VR84173A	RD	7/29/99	RC	10	M	NAD 27	7	505733	7097360	TR99-5	32	42	PHY	GRA	MUS	SER	BK	GY	OXI	S	SER
VR84174A	RH	7/29/99	RC	8	M	NAD 27	7	505740	7097367	TR99-5	42	50	QZT	PHY	MIC	VUG	GY		SER	W	WEA

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR84147A		QTZ	1	VEN	LIM										Quartz: foliaform quartz lenses. Well foliated musc/lim phyllite.
VR84148A	M	QTZ	5	VEN	LIM	10	DIS								Limonite: diseminated and replacement on foliation planes and in veins (envelopes). Secton of oxidized musc-quartzite. Beginning section is SLC. Two 2-4cm foliation veins seen with rotted Sx and SLC. West face sampled.
VR84149A		QTZ	15	VEN	GRA	2	REP	LIM	10	DIS					Quartz: 10-20%, ven/rep - veins and brecciation zones. Graphite: narrow seams. Limonite: diseminated, replacement. Foliaform quartz veins and possible qv brecciation zones. 2m section in middle of gra phy/qzt. West face sampled.
VR84150A	M	QTZ	2	BED	LIM	10	REP								Limonite: replacement/diseminated 5-10% on foliation planes. Two 3-10 cm foliaform qv's seen. Start and end are weakly graphitic. Most is oxi/musc/grey phyllite, end is phyllite/qzt West end sampled.
VR84151A	W	QTZ	10	VEN	LIM	5	REP				VEN	270	70		Quartz: ven/dis - vein brx/vein/slc quartzite. Limonite: rep/dis and vein envelopes. Two cross-cutting veins 270/70 seen at end. West face sampled.
VR84152A	M	QTZ	5	VEN	CAL	tr	VEN	LIM	5	REP					Quartz: vein/brecciation foliaform. Calcite: cross-cutting hairline fractures. Limonite: replacement/diseminated.
VR84153A	W	QTZ	2	VEN											Quartz: foliaform. Poor quality section in trench, no outcrop. Subcrop sampled. West face sampled.
VR84154A		QTZ	1	VEN	LIM	tr	REP	GRA							Quartz: crosscutting 1cm veins, no Sx seen E-W? Extremely poor trench section! West face sampled. Sheeted crosscutting QV's in SLC section seen 2m.
VR84155A	W	QTZ	5	VEN	LIM	5	REP	GRA							Quartz: foliaform vein (4cm) and breccia material. Limonite: associated with breccia. Subcrop to outcrop visible. West face sampled.
VR84156A	W	QTZ	5	VEN	LIM	5	REP								Quartz: ven/brx? In quartzite. Limonite: replacement/diseminated. Sample interval starts in 50cm wide gra/phy underlain by quartz. Interval ends in similar 50cm gra/phy layer. West face sampled.
VR84157A		LIM	2	DIS	GRA										Limonite: diseminated/replacement. Poor section of trench subcrop/outcrop. No quartz veining seen. West face sampled.
VR84158A		LIM	2	REP	QTZ	1	VEN	GRA							Limonite: areas around veins. Quartz: hairline qv's to 1cm seen, no orientation. Subcrop/outcrop in trench. West face sampled.
VR84159A	W	ARS	tr	VEN	LIM	2	DIS	ARO	1	DIS					coarse grains of arsenopyrite in x-cutting quartz; E-W x-cutting 5mm-5cm quartz veins, density of 2/m; scorodite occurs as alteration of arsenopyrite; sample in extremely silicified quartzite; one 5cm qtz ven (E-W) with 1% ARS in centre; *South Face sampled
VR84160A	M	ANO	tr	REP	JAR	0.1	REP	LIM	1	REP					ANO=scorodit. 0.3-0.4m thick band of silicified quartz un'd(?) QTE on E. wall minor phyllite. South wall sampled.
VR84161A	W	QTZ	1	VEN	LIM	10	REP								Quartz: one 5cm foliaform. Limonite: Alteration in phyllites. Sample consists of 60% lim phyllites, 25% graphite phyllites and 15% quartz. South face sampled.
VR84162A	M	LIM	tr	REP	JAR	tr	REP				VEN				Mostly ground up phy, monor QTE and QTZ (<15% total).
VR84163A		QTZ	5	VEN	PYR	tr	DIS				VEN				Grey weakly graphitic phyllite with minor quartzite bands. Quartzite and phyllite cross-cut by rare quartz veins. Weathered out pyrite cubes.
VR84164A		LIM	1	REP	QTZ	2	VEN	JAR	tr	REP					Quartz: 1cm crosscutting veinlets. ANO=scorodite: staining in one quartz vein. Jarosite: ven envelope. Gra phyllites have 1-2% pyrite boxwork.
VR84165A		QTZ	1	VEN							VEN				"Boring sample". Very weak graphite.
VR84166A	W	ARO	tr	REP	JAR	tr	DIS	QTZ	1	VEN					ARO=scorodite: around veins and disseminated. Quartz: rare foliation and x-cutting. Pyrite: boxwork only. Sampled BOTH faces.
VR84167A	M	JAR	tr	REP	LIM	tr	REP	QTZ	2	VEN	FRA				Good section and sample. Grey silicified quartzite crosscut by quartz veins, stained but no arsenic. One 5cm quartz vein (very fetid).
VR84168A		LIM	tr	REP											
VR84169A	S	LIM	5	REP	ARO	tr	REP	PYY	2	DIS					Pyrite: 1-2%, now rotted to limonite. Qyartz: foliation band/vein. Both faces sampled.
VR84170A	T	ARO	tr	REP	PYY	tr	DIS	LIM	3	REP	VEN				Both walls and parts of floor sampled. Weak weathering. ARO=scorodite. Pyrite boxwork in graphitic phyllite. Rare cross-cutting quartz veins. Scorodite: rep/stain. Limonite: diseminated. Qtz: vein and bands.
VR84171A	W	LIM	5	DIS	QTZ	1	VEN								Limonite: boxwork after pyrite. Quartz: hairline crosscutting veinlets with int limonite. South face sampled.
VR84172A	M	QTZ	1	VEN	PYY	2	DIS	LIM	3	DIS	VEN				Sericitization: trace-weak? Quartz: crosscut veins. South face and floor sampled. Limonite: dis/rep. Pyritic phyllite quartzite (weathered out pyrite) with foliaform qt! vn and rare cross-cutting quartz veins. Limonite after pyrite and on jarosite and foliation.
VR84173A	W	LIM	10	DIS	ARO	tr	DIS	QTZ	2	VEN					Limonite: after pyrrite on joint faces. Scorodite: near foliaform veins. Quartzite: Crosscutting hairline fractures. South face sampled.
VR84174A	W	QTZ	5	VEN	PYY	2	DIS	LIM	3	DIS	VEN	90			Pyyrite to limonite, 4%. Sampled south wall and floor, mostly trench rubble. Pyrite: diseminated and joints. Limonite: diseminated, replacement, and stain. Crosscutting quartz veins.

Sample Number	Assay Cert.	Au ppb	Ag ppm	Al %	As ppm	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 %
VR84147A	A9924807	40	0.3	0.6	332	-10	180	0.3	0.28	0.03	0.08	4	129	98.1	2.87	2.2	-0.1	0.09	0.16	10	0.04	85	3.8	0.01
VR84148A	A9924807	10	0.3	0.35	183	-10	110	0.15	0.2	0.01	0.02	1.2	134	11.8	1.08	1.2	-0.1	0.07	0.11	10	0.01	45	3.6	0.01
VR84149A	A9924807	-5	0.36	0.44	128	-10	130	0.05	0.2	0.01	0.08	3	163	29.6	1.82	1.7	-0.1	0.15	0.13	10	0.02	100	5.2	0.01
VR84150A	A9924807	-5	0.44	0.42	125	-10	100	0.25	0.16	0.01	0.08	3.2	120	26.6	2.01	1.6	-0.1	0.16	0.15	20	0.02	85	5	0.01
VR84151A	A9924807	-5	0.96	0.2	123	-10	90	0.05	0.17	0.01	0.02	0.8	138	64.6	1.98	1	-0.1	0.35	0.07	-10	0.01	40	3.6	-0.01
VR84152A	A9924807	-5	0.54	0.43	131	-10	190	0.15	0.2	0.01	0.02	1	144	56.5	2.46	2	-0.1	0.35	0.1	-10	0.01	40	5.6	0.01
VR84153A	A9924807	10	0.92	0.34	88.8	-10	260	0.15	0.15	0.02	0.06	1.6	177	27.8	1.5	2	-0.1	0.26	0.09	10	0.03	50	7	0.01
VR84154A	A9924807	15	0.26	0.3	422	-10	160	0.2	0.21	0.01	0.06	0.8	145	24.6	2.22	1	-0.1	0.08	0.07	-10	0.01	45	2.8	0.01
VR84155A	A9924807	15	0.06	0.25	334	-10	140	0.1	0.08	0.01	0.04	0.8	141	25.8	2.08	1.8	-0.1	0.07	0.07	-10	0.01	30	4.4	-0.01
VR84156A	A9924807	130	0.08	0.27	330	-10	140	0.15	0.1	0.01	0.02	0.8	128	29	2.1	2.1	-0.1	0.09	0.1	-10	0.02	45	4	-0.01
VR84157A	A9924807	20	0.1	0.26	194.5	-10	130	0.05	0.2	-0.01	0.02	0.6	144	16.6	1.16	1.4	-0.1	0.03	0.12	-10	0.01	35	4	0.01
VR84158A	A9924807	25	0.08	0.32	328	-10	190	0.15	0.1	0.01	0.02	0.4	117	26.4	1.93	1.8	-0.1	0.04	0.14	10	0.02	20	3	0.01
VR84159A	A9924807	20	0.2	0.14	176	-10	70	-0.05	0.06	0.01	-0.02	0.8	175	5	0.53	0.7	-0.1	0.08	0.05	-10	0.01	25	4.4	-0.01
VR84160A	A9924807	-5	0.18	0.22	77.8	-10	90	0.05	0.08	0.01	0.02	1	190	4.6	0.75	0.9	-0.1	0.07	0.07	-10	0.01	40	3.2	0.01
VR84161A	A9924807	-5	1.04	0.45	102	-10	220	0.2	0.27	0.09	0.06	1.8	162	26.4	1.65	2.1	-0.1	0.13	0.12	10	0.02	55	6.4	0.01
VR84162A	A9924807	-5	0.64	0.42	71.8	-10	250	0.25	0.29	0.05	0.08	1.4	169	16.6	1.26	2.9	-0.1	0.14	0.13	10	0.04	60	9.2	0.01
VR84163A	A9924807	-5	0.54	0.35	62.2	-10	180	0.15	0.15	0.04	0.1	1.4	157	16.6	1.01	1.4	-0.1	0.1	0.13	10	0.04	60	7.6	0.01
VR84164A	A9924807	50	0.36	0.39	756	-10	170	0.2	0.1	0.01	0.1	2.2	154	18.8	1.38	1.3	-0.1	0.07	0.14	10	0.03	85	6.4	0.01
VR84165A	A9924807	5	0.2	0.46	109	-10	130	0.15	0.12	0.01	0.12	8.2	122	78.4	3.84	1.6	-0.1	0.03	0.12	10	0.02	320	7.8	-0.01
VR84166A	A9924807	-5	0.22	0.39	147.5	-10	150	0.15	0.07	0.01	0.06	3.2	128	18.4	1.71	2.2	-0.1	0.05	0.16	10	0.01	160	8.2	0.01
VR84167A	A9924807	-5	0.7	0.22	194.5	-10	110	0.05	0.16	-0.01	0.02	0.6	137	6.2	0.55	1	-0.1	0.07	0.1	-10	0.01	20	4	-0.01
VR84168A	A9924807	-5	0.38	0.34	50.2	-10	140	0.15	0.09	0.01	0.06	1.8	138	18.8	1.62	1.1	-0.1	0.06	0.11	-10	0.01	45	5.6	0.01
VR84169A	A9924807	5	0.98	0.33	191	-10	170	0.05	0.15	0.01	0.04	0.8	126	40.4	1.98	2.6	-0.1	0.27	0.11	-10	0.01	25	6.6	0.01
VR84170A	A9924807	-5	0.9	0.35	185.5	-10	220	0.15	0.17	0.01	0.08	0.6	115	35.8	1.76	3.7	-0.1	0.15	0.11	10	0.01	25	23.6	0.01
VR84171A	A9924807	-5	0.3	0.42	106	-10	220	0.15	0.12	0.01	0.02	0.6	116	22	1.8	3.1	-0.1	0.11	0.13	10	0.01	35	6.6	0.01
VR84172A	A9924807	-5	0.36	0.39	119.5	-10	290	0.15	0.15	0.01	0.06	1.6	125	19.4	1.43	1.9	-0.1	0.1	0.11	10	0.01	35	7.6	0.01
VR84173A	A9924807	-5	0.6	0.34	194	-10	420	0.2	0.23	0.01	0.02	0.6	143	8.2	1.4	2.2	-0.1	0.14	0.15	10	0.01	35	8.6	0.01
VR84174A	A9924807	-5	1.36	0.27	110	-10	430	0.15	0.15	-0.01	0.04	0.6	148	11.8	1.03	2	-0.1	0.16	0.11	-10	0.01	20	6.4	0.01

Sample Number	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR84147A	14	340	10	0.05	2.2	3	0.5	14	0.15	-0.01	0.22	1.6	22	2.25	36	
VR84148A	4	180	8	0.02	1.7	2	-0.5	10	0.05	-0.01	0.12	0.6	9	0.55	10	
VR84149A	8	340	8	0.01	4.6	1	0.5	14	0.05	-0.01	0.1	1.3	11	0.7	14	
VR84150A	10	340	10	-0.01	3.1	1	0.5	11	0.05	-0.01	0.12	1.5	12	0.85	32	
VR84151A	3	160	10	-0.01	5.6	1	3.5	13	0.15	-0.01	0.06	0.65	9	0.6	6	
VR84152A	5	360	26	-0.01	10.3	5	4.5	28	0.1	-0.01	0.06	1.15	24	0.95	12	
VR84153A	5	270	14	0.01	6.1	1	3	27	0.15	-0.01	0.1	0.95	18	0.55	10	
VR84154A	5	330	42	-0.01	8.6	1	0.5	14	0.1	-0.01	0.02	1.1	17	0.5	10	
VR84155A	4	270	28	-0.01	8.7	1	1.5	19	0.2	-0.01	0.02	1	21	0.5	8	
VR84156A	3	190	36	-0.01	19.7	1	2	16	0.1	-0.01	0.02	0.8	15	0.45	6	
VR84157A	3	110	28	-0.01	5.8	1	0.5	8	0.05	-0.01	0.02	0.55	13	0.4	2	
VR84158A	2	190	8	-0.01	4.5	1	2	6	0.1	-0.01	0.06	1.05	19	0.35	4	
VR84159A	4	90	6	0.04	1	-1	-0.5	6	0.05	-0.01	0.12	0.25	5	0.25	6	
VR84160A	4	240	12	0.04	1.9	1	-0.5	9	0.05	-0.01	0.18	0.3	8	0.7	8	
VR84161A	6	1530	10	0.07	3.3	4	1	32	0.15	-0.01	0.26	2.1	22	1.1	30	
VR84162A	5	600	16	0.13	5.3	3	1.5	36	0.1	-0.01	0.28	1.6	17	0.95	16	
VR84163A	5	250	10	0.06	2.7	1	1	23	0.05	-0.01	0.12	0.85	15	0.6	14	
VR84164A	7	1120	20	0.01	2.2	6	2	16	0.05	-0.01	0.12	0.95	15	0.6	20	
VR84165A	30	420	8	0.03	2	1	2	12	0.05	-0.01	0.12	1.6	22	0.55	88	
VR84166A	10	210	58	0.07	3.9	1	1.5	19	0.1	-0.01	0.26	0.7	20	0.6	32	
VR84167A	3	130	52	0.03	2	1	0.5	9	0.05	-0.01	0.08	0.55	10	0.35	6	
VR84168A	6	270	6	0.07	2.1	1	1	10	0.05	-0.01	0.16	0.7	25	0.55	30	
VR84169A	4	180	14	0.01	4.9	3	6	13	0.15	-0.01	0.1	0.6	22	0.5	8	
VR84170A	4	200	38	0.01	7.3	4	6	18	0.15	-0.01	0.14	1.8	24	0.75	12	
VR84171A	3	280	16	0.01	2.6	4	2.5	18	0.05	-0.01	0.12	0.85	20	0.75	16	
VR84172A	6	480	20	0.01	4.9	1	1.5	34	0.05	-0.01	0.14	1.65	23	0.7	24	
VR84173A	3	440	184	0.06	6.6	2	2.5	29	0.3	-0.01	0.22	0.45	15	0.85	8	
VR84174A	3	270	198	0.05	6.2	1	2	40	0.2	-0.01	0.2	0.4	13	0.6	6	

Sample Number	Geol	Samp. Date	Samp. Type	Samp. Width	Width Units	DATUM	UTM ZONE	UTM EAST	UTM NORTH	Trench No.	From (m)	To (m)	Rock Type	Rock Mod 1	Rock Mod 2	Rock Mod 3	Color	Color Mod.	Alter 1 Type	Alter 1 Inten.	Alter 2 Type
VR84175A	RD	7/29/99	RC	4	M	NAD 27	7	505746	7097377	TR99-5	55	59	QZT	PHY	GRA		BK	GY	SLC	M	OXI
VR84176A	RH	7/29/99	RC	5.5	M	NAD 27	7	505744	7097381	TR99-5	59	64.5	QZT	PHY	GRA	QTZ	GY		WEA	W	SLC
VR84177A	RD	7/29/99	RC	3.5	M	NAD 27	7	505742	7097386	TR99-5	64.5	68	PHY	GRA	MUS		GY	BK	SER	M	OXI
VR84178A	RH	7/29/99	RC	3	M	NAD 27	7	505740	7097388	TR99-5	68	71	QZT	PHY	GRA	BRX	GY		SLC	W	WEA
VR84179A	RZ	7/29/99	RC	10	M	NAD 27	7	506742	7096914	TR99-6	0	10	SCH	MUS	PHY	TAL	TA				
VR84180A	RZ	7/29/99	RC	10	M	NAD 27	7	506736.1	7096923	TR99-6	10	20	SCH	MUS	PHY	TAL	TA		OXI	W	
VR84181A	RZ	7/29/99	RC	4	M	NAD 27	7	506729.1	7096931.2	TR99-6	20	24	SCH	MUS	PHY	TAL	TA				
VR84182A	RZ	7/29/99	RC	4	M	NAD 27	7	506726	7096934	TR99-6	24	28	QZT	MUS	PHY				OXI	W	
VR84183A	RZ	7/29/99	RC	0.3	M	NAD 27	7	506723.6	7096936.8	TR99-6	28	28.3	QTZ	VEN			WT		OXI	W	
VR84184A	RZ	7/29/99	RC	1.7	M	NAD 27	7	506723.4	7096937.4	TR99-6	28.3	30	QZT	MUS	PHY		TA		SLC	W	BLE
VR84185A	RZ	7/29/99	RC	7	M	NAD 27	7	506721.6	7096938.4	TR99-6	30	37	QZT	MUS	PHY		TA				
VR84186A	RZ	7/29/99	RC	4	M	NAD 27	7	506717.4	7096943.2	TR99-6	37	41	QZT	MUS	PHY	TAL	TA				
VR84187A	RZ	7/29/99	RC	7	M	NAD 27	7	506714.5	7096946.4	TR99-6	41	48	SCH	MUS	PHY	TAL	TA		OXI	W	
VR84188A	RZ	7/29/99	RC	1.2	M	NAD 27	7	506710	7096915.6	TR99-6	48	49.2	SCH	CLY	QTZ	FAG	OR	TA	OXI	W	
VR84189A	RZ	7/29/99	RC	10.8	M	NAD 27	7	506709.2	7096951.6	TR99-6	49.2	60	SCH	MUS	PHY	TAL	TA				
VR84190A	RZ	7/29/99	RC	2.3	M	NAD 27	7	506700.8	7096959.5	TR99-6	60	62.3	SCH	MUS	PHY	TAL	TA				
VR84191A	RZ	7/29/99	RC	0.7	M	NAD 27	7	506700.3	7096960.2	TR99-6	62.3	63	ULM	QTZ			BL	GN	BLE	M	SLC
VR84192A	RZ	7/29/99	RC	7	M	NAD 27	7	506699.9	7096960.9	TR99-6	63	70	SCH	MUS	PHY	TAL	TA				
VR84193A	RZ	7/29/99	RC	10	M	NAD 27	7	506693.6	7096966.8	TR99-6	70	80	SCH	MUS	PHY	TAL	TA				
VR84194A	RZ	7/29/99	RC	2.2	M	NAD 27	7	506687	7096973.7	TR99-6	80	82.2	SCH	MUS	PHY	TAL	TA				
VR84195A	RZ	7/29/99	RC	0.8	M	NAD 27	7	506686.3	7096975.2	TR99-6	82.2	83	SCH	FAG	CLY		OR	YW	KAO	M	
VR84196A	RZ	7/29/99	RC	7	M	NAD 27	7	506685.6	7096976	TR99-6	83	90	SCH	MUS	PHY	TAL	TA				
VR84197A	RZ	7/29/99	RC	10	M	NAD 27	7	506681.2	7096981.3	TR99-6	90	100	SCH	MUS	PHY	TAL	TA				
VR84198A	RZ	7/29/99	RC	10	M	NAD 27	7	506674.8	7096989	TR99-6	100	110	SCH	MUS	PHY	TAL	TA				
VR84199A	RZ	7/29/99	RC	8	M	NAD 27	7	506668	7096996.5	TR99-6	110	118	SCH	MUS	PHY	TAL	TA				
VR84200A	RZ	8/1/99	FL			NAD 27	7	500864	7103441				QZT	BRX	VUG		GY	BN	OXI	M	

Sample Number	Alter 2 Inten.	Mineral 1	Min 1 %	Min 1 Occur.	Min 2	Min 2 %	Min 1 Occur.	Mineral 3	Min 3 %	Min 3 Occur.	Struct	Struct Azim.	Struct Dip	Dip Dir'n	Notes
VR84175A	M	LIM	5	DIS	QTZ	5	VEN	ARO	tr	REP					Limonite: boxworks after pyrite. Scorodite: foliation and x-cutting. West face sampled.
VR84176A	W	QTZ	2	VEN	PYC	1	DIS	LIM	1	REP	VEN				Very rare x-cutting quartz vein. Pyrite boxwork. Limonite: replacement, stain.
VR84177A	M	LIM	5	DIS	QTZ	2	VEN								West face sampled. Limonite: diseminated, replacement - boxwork after pyrite. Quartz: hairline x-cutting and foliaform.
VR84178A	W	LIM	1	REP	LIM	1		QTZ	1	VEN	VEN				Vuggy. End of trench. Limonite: replacement (pyrite), stains. Rare limonite boxwork after pyrite.
VR84179A															Samples 84179-84199 from trench TR99-06 - see 1:200 scale trench map for detail geology.
VR84180A															
VR84181A															
VR84182A		ARS	tr	DIS	PYY	tr	DIS								Arsenopyrite: euhedral striated crystals. Footwall of quartz vein.
VR84183A		PYY	1	DIS	LIM	2					VEN	165	65		Limonite: stains along fractures. Samples chipped across apparent thickness = 9 cm.
VR84184A	W	ARS	1	DIS	PYY	tr	DIS								Arsenopyrite: euhedral striated crystals. Hanging wall of quartz veins.
VR84185A		ARS	tr	DIS	PYY	tr	DIS								Arseno: euhedral striated xls.
VR84186A															
VR84187A															
VR84188A															
VR84189A															
VR84190A															
VR84191A	M	PYT	tr	DIS											
VR84192A															
VR84193A															
VR84194A															
VR84195A															
VR84196A															
VR84197A															
VR84198A		ARS	tr	DIS											Ars: in x-cutting qtz pod
VR84199A															End of trench.
VR84200A		MNX	10		LIM	2									Sample size: 40x20x10cm. MNX and LIM staining. Noted slickensides. Strong MNX - possible HEM. Well developed recent fault - matrix supported angular clasts average 3cm across.

Sample Number	Assay Cert.	Au ppb	Ag ppm	Al %	As ppm	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 %
VR84175A	A9924807	-5	0.3	0.39	73.4	-10	220	0.15	0.16	0.01	0.02	0.6	146	19	1.23	2.5	-0.1	0.19	0.1	10	0.01	30	5.2	0.03
VR84176A	A9924807	-5	0.4	0.49	120.5	-10	270	0.25	0.12	0.01	0.04	1.4	163	27.4	1.53	3.3	-0.1	0.1	0.14	10	0.03	65	6.6	0.01
VR84177A	A9924807	765	1.14	0.37	492	-10	290	0.15	0.13	0.02	0.04	1	124	21.4	1.4	3.9	-0.1	0.15	0.11	10	0.03	40	8.6	0.01
VR84178A	A9924807	70	4.2	0.33	410	-10	600	0.1	0.92	0.01	0.06	0.8	147	31.2	1.3	2.4	-0.1	0.08	0.08	-10	0.01	25	6.8	-0.01
VR84179A	A9924807	260	0.38	0.51	371	-10	320	0.65	0.27	0.06	0.38	4	105	18.8	1.75	2.1	0.1	0.01	0.25	40	0.06	385	3.8	0.03
VR84180A	A9924807	60	0.46	0.55	484	-10	240	0.6	0.26	0.12	0.58	5.2	104	17.8	1.93	2.3	0.1	-0.01	0.29	40	0.07	450	5.6	0.02
VR84181A	A9924807	5	0.46	0.63	164.5	-10	280	0.4	0.32	0.03	0.58	1.2	129	5.6	1.61	2.7	0.1	-0.01	0.28	50	0.11	420	3.6	0.03
VR84182A	A9924807	2190	0.94	0.46	2370	-10	210	0.7	0.21	0.03	0.46	0.6	102	5.6	1.02	2	0.1	-0.01	0.31	40	0.01	165	2	0.03
VR84183A	A9924807	340	0.22	0.08	263	-10	50	0.15	0.16	-0.01	0.16	0.8	200	4	0.59	0.4	-0.1	-0.01	0.04	-10	-0.01	135	3.2	0.01
VR84184A	A9924807	1135	0.56	0.36	2380	-10	260	0.6	0.24	0.02	0.42	0.4	81	3.8	0.84	1.6	0.1	-0.01	0.26	40	0.01	85	2.2	0.03
VR84185A	A9924807	1470	0.9	0.4	1750	-10	260	0.6	0.41	0.03	0.9	0.6	81	6.6	1.05	1.9	0.1	-0.01	0.28	50	0.01	205	1.4	0.03
VR84186A	A9924807	100	0.3	0.35	562	-10	200	0.45	0.2	0.02	0.5	0.6	85	5.6	0.85	1.8	0.1	-0.01	0.23	40	0.03	155	2.6	0.03
VR84187A	A9924807	35	0.16	0.49	160.5	-10	260	0.45	0.2	0.03	0.44	0.4	96	3.6	1.05	2.3	0.1	0.01	0.26	50	0.05	255	2	0.02
VR84188A	A9924807	30	0.24	0.37	56.8	-10	190	0.5	0.34	0.05	0.42	0.4	86	3.8	0.84	1.8	0.1	0.02	0.21	50	0.03	245	2.2	0.01
VR84189A	A9924807	30	0.12	0.43	23	-10	250	0.45	0.23	0.03	0.24	0.6	107	3.4	0.98	1.9	0.1	-0.01	0.24	50	0.04	305	3	0.03
VR84190A	A9924807	45	0.3	0.5	34.6	-10	420	0.95	0.38	0.49	0.54	2.4	94	7.2	1.63	2.1	0.1	0.03	0.22	60	0.18	390	2.4	0.01
VR84191A	A9924807	-5	0.14	0.57	177.5	-10	1200	2.4	0.04	6.95	0.26	47	289	27.6	5.51	1.8	-0.1	0.03	0.15	-10	4.05	1255	0.4	-0.01
VR84192A	A9924807	60	0.44	0.49	90.4	-10	380	0.65	0.76	0.12	0.38	0.8	74	5.4	1.23	2.3	0.1	0.01	0.21	50	0.09	280	2.2	0.01
VR84193A	A9924807	10	0.08	0.81	4	-10	460	0.4	0.22	0.07	0.18	0.6	119	2.4	1.31	3.4	0.1	-0.01	0.14	60	0.46	285	3	0.03
VR84194A	A9924807	-5	0.06	0.5	2.2	-10	780	0.5	0.21	0.05	0.14	0.4	79	3	1.29	2.4	0.1	-0.01	0.13	80	0.05	310	2.4	0.03
VR84195A	A9924807	-5	0.12	0.44	4.6	-10	770	0.5	0.27	0.06	0.16	0.6	110	6.2	1.18	2.2	0.2	-0.01	0.18	90	0.04	235	2.8	0.01
VR84196A	A9924807	10	0.06	0.5	2.6	-10	370	0.45	0.22	0.04	0.16	0.6	89	3.8	1.4	2.6	0.1	-0.01	0.16	70	0.09	285	2.6	0.02
VR84197A	A9924807	-5	0.02	0.51	3.6	-10	350	0.5	0.22	0.05	0.16	0.6	100	2.4	1.4	2.5	0.1	-0.01	0.12	60	0.05	320	3	0.03
VR84198A	A9924807	15	0.08	0.46	29.8	-10	400	0.45	0.25	0.08	0.24	1	87	5.6	1.24	2.1	0.1	0.01	0.15	50	0.06	270	2.8	0.03
VR84199A	A9924807	-5	0.04	0.48	13.2	-10	230	0.45	0.19	0.08	0.14	1.4	95	6.4	1.13	1.8	-0.1	-0.01	0.2	30	0.08	250	2.6	0.03
VR84200A	A9925207	25	0.38	0.13	43.2	-10	60	0.05	0.09	0.01	0.2	2	85	20.4	4.33	0.7	-0.1	0.03	0.03	-10	-0.01	240	1.2	-0.01

Sample Number	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Analytical Notes
VR84175A	3	160	10	-0.01	6.1	1	2	17	0.05	-0.01	0.1	0.45	14	0.55	10	
VR84176A	6	240	18	-0.01	4.3	2	1.5	20	0.05	-0.01	0.12	0.85	17	0.55	16	
VR84177A	4	210	34	-0.01	5.6	3	3.5	25	0.3	-0.01	0.08	0.75	16	0.6	18	
VR84178A	4	360	414	0.04	6.1	4	5.5	37	0.45	-0.01	0.1	1.95	16	1.4	8	
VR84179A	16	160	66	-0.01	1.1	2	0.5	16	-0.05	-0.01	0.12	1.9	8	0.25	90	
VR84180A	18	230	110	0.01	1.1	2	-0.5	20	-0.05	-0.01	0.16	2.35	8	0.15	118	
VR84181A	5	80	164	-0.01	0.6	2	-0.5	10	-0.05	-0.01	0.1	1.7	2	0.1	146	
VR84182A	2	40	140	0.04	1.1	-1	-0.5	12	-0.05	-0.01	0.08	2.6	-1	0.4	64	
VR84183A	4	-10	56	0.01	0.5	-1	-0.5	3	-0.05	-0.01	0.02	0.85	-1	0.3	42	
VR84184A	1	30	88	0.05	0.9	-1	-0.5	9	-0.05	-0.01	0.06	2.5	-1	0.25	52	
VR84185A	1	40	164	0.03	1	1	-0.5	10	-0.05	-0.01	0.08	2.6	-1	0.3	110	
VR84186A	2	40	88	0.01	0.5	1	-0.5	10	-0.05	-0.01	0.06	1.7	-1	0.1	88	
VR84187A	3	30	46	-0.01	0.4	2	0.5	9	-0.05	-0.01	0.08	1.45	-1	0.25	82	
VR84188A	2	40	76	-0.01	1.1	1	0.5	8	-0.05	-0.01	0.06	1.4	-1	0.1	82	
VR84189A	2	30	32	0.01	0.4	1	-0.5	8	-0.05	-0.01	0.08	1.75	-1	0.1	52	
VR84190A	10	160	62	0.04	0.7	3	-0.5	72	-0.05	-0.01	0.06	1.85	6	0.15	112	
VR84191A	156	1650	10	0.12	2.3	13	-0.5	1310	-0.05	-0.01	0.08	2	82	0.4	74	
VR84192A	4	30	44	0.01	0.4	2	-0.5	23	-0.05	-0.01	0.06	1.6	1	0.15	110	
VR84193A	3	30	26	0.01	0.2	2	-0.5	18	-0.05	-0.01	0.02	0.65	1	0.4	90	
VR84194A	2	20	20	0.02	0.1	4	-0.5	18	-0.05	-0.01	0.02	1.15	-1	0.3	64	
VR84195A	2	20	20	0.04	0.6	2	0.5	16	-0.05	-0.01	0.06	1.95	1	0.2	42	
VR84196A	2	30	16	-0.01	0.4	4	-0.5	15	-0.05	-0.01	0.04	1.95	-1	0.15	68	
VR84197A	3	30	18	0.01	0.3	4	0.5	18	-0.05	-0.01	0.04	1.4	-1	0.15	70	
VR84198A	4	30	24	0.01	0.4	4	-0.5	18	-0.05	-0.01	0.06	1.6	1	0.25	72	
VR84199A	5	50	16	-0.01	0.4	2	-0.5	14	-0.05	-0.01	0.06	1.15	4	0.35	36	
VR84200A	9	1300	2	-0.01	9.8	1	2	4	0.2	-0.01	0.1	1.1	19	0.5	56	

APPENDIX D

STREAM SEDIMENT SAMPLE DESCRIPTIONS
AND
ANALYTICAL RESULTS

KENNECOTT CANADA EXPLORATION INC.
SIXTY MILE PROJECT
1999 STREAM SEDIMENT SAMPLES; - 63 micron fraction

Sample Number	Property	Sample Type	Geol.	Sample Date	UTM ZONE	UTM EAST	UTM NORTH	DATUM	Analytical Certificate	Au ppb	As ppm	Ag ppm	Al %	B ppm	Ba ppm	Be ppm	BI ppm	Ca %	CD ppm	Co ppm
VR19614A	Sixty Mile	SS	RH	19980823	7	503429	7095766	NAD 27	A9829276	15	10	-0.2	1.52	0	240	-0.5	-2	0.57	0.5	15
VR19615A	Sixty Mile	SS	RH	19980823	7	503465	7095739	NAD 27	A9829276	10	60	0.6	1.32	0	270	-0.5	-2	0.84	2	29
VR19616A	Sixty Mile	SS	RH	19980823	7	501676	7095549	NAD 27	A9829276	10	6	0.4	1.72	0	360	-0.5	-2	0.69	2.5	27
VR19617A	Sixty Mile	SS	RH	19980823	7	501649	7095628	NAD 27	A9829276	10	14	0.2	1.92	0	840	-0.5	-2	0.54	2	30
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
VR19620A	Sixty Mile	SS	RH	19980824	7	503209	7099465	NAD 27	A9829276	-5	52	-0.2	1.18	0	200	-0.5	-2	0.31	0.5	13
VR19621A	Sixty Mile	SS	RH	19980824	7	504839	7098165	NAD 27	A9829276	10	200	0.4	1.92	0	230	-0.5	-2	0.29	0.5	19
VR19626A	Sixty Mile	SS	RH	19980909	7	501380	7100806	NAD 27	A9831711	5	42	1.4	2.05	0	440	0.5	2	0.29	2.5	18
VR19717A	Sixty Mile	SS	RZ	19990603	7	511935	7099535	NAD 27	A9920338	30	50.8	0.16	1.07	-10	340	0.4	0.13	0.6	0.44	10.2
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
VR19719A	Sixty Mile	SS	RZ	19990612	7	504780	7101398	NAD 27	A9920798	13	61.6	0.32	1.93	-10	320	0.45	0.16	0.43	0.56	17
VR19720A	Sixty Mile	SS	RZ	19990721	7	505581	7104646	NAD 27	A9924185	5	12.6	0.32	1.72	-10	330	0.5	0.18	0.5	1.3	21.8
VR19802A	Sixty Mile	SS	RD	19990603	7	509919	7100246	NAD 27	A9920338	13	76.4	0.2	0.98	-10	290	0.4	0.17	0.56	0.46	10.8
VR19803A	Sixty Mile	SS	RD	19990608	7	508683	7097411	NAD 27	A9920338	4	4.4	0.02	1.18	-10	210	0.35	0.08	0.46	0.08	6.4
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
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
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
VR19807A	Sixty Mile	SS	RD	19990614	7	504495	7101355	NAD 27	A9920798	25	27.2	0.56	1.36	-10	230	0.3	0.16	0.37	1.38	14.8
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
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
VR19810A	Sixty Mile	SS	RD	19990618	7	500390	7103310	NAD 27	A9921167	19	99	1	1.21	-10	270	0.25	0.22	0.36	0.72	13.4
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
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
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
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
VR22363A	Sixty Mile	SS	DS	19980815	7	503852	7099201	NAD 27	A9828284	10	70	0.4	1.63	0	220	-0.5	-2	0.83	0.5	15
VR22365A	Sixty Mile	SS	DS	19980815	7	503808	7099312	NAD 27	A9828284	15	52	0.4	1.7	0	270	-0.5	-2	0.53	0.5	14
VR22374A	Sixty Mile	SS	FA	19980823	7	501077	7096523	NAD 27	A9829276	-5	-2	-0.2	1.79	0	270	-0.5	-2	0.56	0.5	13
VR22375A	Sixty Mile	SS	FA	19980823	7	501043	7096486	NAD 27	A9829276	10	8	0.2	2.15	0	430	-0.5	-2	0.66	3.5	36
VR22376A	Sixty Mile	SS	FA	19980823	7	502223	7095565	NAD 27	A9829276	5	10	-0.2	1.6	0	200	-0.5	-2	0.55	-0.5	16
VR22377A	Sixty Mile	SS	FA	19980823	7	503928	7095721	NAD 27	A9829276	10	42	-0.2	1.47	0	270	-0.5	-2	0.41	0.5	15
VR22379A	Sixty Mile	SS	FA	19980823	7	508049	7096916	NAD 27	A9829276	10	80	-0.2	1.34	0	310	-0.5	-2	0.71	-0.5	20
VR22380A	Sixty Mile	SS	FA	19980823	7	506978	7097603	NAD 27	A9829276	80	396	0.8	1.54	0	220	-0.5	-2	0.51	-0.5	8
VR22393A	Sixty Mile	SS	CL	19980911	7	500294	7101134	NAD 27	A9831711	70	174	0.6	1.7	0	320	-0.5	-2	0.55	1.5	17
VR22394A	Sixty Mile	SS	CL	19980911	7	500004	7100678	NAD 27	A9831711	30	72	0.6	2.16	0	260	-0.5	-2	0.4	1.5	16

Sample Number	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 %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm
VR19614A	33	20	2.69	-10	0	-1	0.06	10	0.67	1310	3	-0.01	25	640	12	0	2	5	26	0	0.06	-10	-10	47
VR19615A	59	55	5.25	-10	0	-1	0.1	10	0.94	2070	5	-0.01	82	1210	10	0	-2	6	32	0	0.04	-10	-10	57
VR19616A	55	45	4.36	-10	0	-1	0.09	10	0.72	2860	4	-0.01	72	950	14	0	2	5	32	0	0.05	-10	-10	59
VR19617A	48	51	4.96	-10	0	-1	0.17	10	0.85	2850	4	-0.01	79	840	10	0	-2	6	24	0	0.06	-10	-10	57
VR19618A	29	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
VR19620A	31	28	3.07	-10	0	-1	0.04	10	0.51	1555	3	-0.01	34	770	16	0	2	4	14	0	0.03	-10	-10	41
VR19621A	75	65	3.33	-10	0	-1	0.06	10	0.57	415	3	-0.01	67	710	46	0	-2	10	26	0	0.04	-10	-10	70
VR19626A	36	50	3.85	-10	0	-1	0.08	10	0.49	1600	8	-0.01	51	1230	36	0	2	4	24	0	0.05	-10	-10	59
VR19717A	36	30.4	2.9	3.1	-0.1	0.08	0.07	10	0.53	560	1.4	0.02	29	1040	8	0.03	0.8	4	36	0.05	0.06	0.06	1.6	47
VR19718A	58	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
VR19719A	75	60.2	3.76	5.2	-0.1	0.03	0.11	10	1.1	1885	2	0.01	69	890	8	0.01	0.7	6	23	0.05	0.06	0.08	1.45	66
VR19720A	49	35.4	3.67	4.1	-0.1	0.13	0.06	10	0.6	3450	2.2	0.01	63	1070	8	0.05	0.5	4	29	0.05	0.03	0.14	3.15	45
VR19802A	31	32.8	2.83	2.8	-0.1	0.05	0.06	10	0.52	565	1.6	0.01	31	950	10	0.03	1	4	29	0.05	0.05	0.06	1.45	39
VR19803A	18	7.6	1.99	3.4	-0.1	0.06	0.03	10	0.4	180	0.2	0.02	8	750	6	0.01	0.5	4	34	-0.05	0.07	0.02	0.6	37
VR19804A	42	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
VR19805A	55	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
VR19806A	50	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
VR19807A	36	31	2.63	3.9	-0.1	0.03	0.05	10	0.5	1670	1.8	0.01	37	750	6	0.03	0.3	3	22	0.05	0.04	0.1	1.05	44
VR19808A	46	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
VR19809A	63	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
VR19810A	62	32.8	3.25	3.9	-0.1	0.15	0.07	10	0.62	800	3.2	0.01	28	810	26	0.08	1.8	4	18	0.05	0.03	0.26	1.05	54
VR19811A	111	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
VR22146A	47	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
VR22147A	40	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
VR22148A	35	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
VR22363A	44	31	3.31	-10	0	-1	0.06	10	0.7	1185	3	-0.01	48	840	38	0	2	6	29	0	0.05	-10	-10	47
VR22365A	39	31	3.26	-10	0	-1	0.09	10	0.78	1120	3	-0.01	39	750	22	0	-2	5	23	0	0.06	-10	-10	46
VR22374A	32	22	2.35	-10	0	-1	0.08	10	0.51	705	2	-0.01	25	660	8	0	-2	4	31	0	0.09	-10	-10	47
VR22375A	41	46	4.39	-10	0	-1	0.12	20	0.71	4520	4	-0.01	107	990	14	0	-2	6	31	0	0.08	-10	-10	64
VR22376A	82	25	2.6	-10	0	-1	0.06	10	0.89	790	-1	-0.01	72	540	8	0	-2	5	30	0	0.07	-10	-10	45
VR22377A	31	27	2.44	-10	0	-1	0.05	10	0.37	1105	3	-0.01	23	630	12	0	2	4	32	0	0.05	-10	-10	39
VR22379A	66	40	3.93	-10	0	-1	0.14	20	0.56	935	2	-0.01	42	820	14	0	-2	7	54	0	0.04	-10	-10	64
VR22380A	30	18	2.31	-10	0	-1	0.09	10	0.44	245	2	-0.01	18	630	20	0	2	4	38	0	0.07	-10	-10	47
VR22393A	47	39	4.02	-10	0	-1	0.11	10	0.72	1130	7	-0.01	59	1220	30	0	-2	6	30	0	0.05	-10	-10	59
VR22394A	40	37	3.55	-10	0	-1	0.11	20	0.62	1095	3	-0.01	49	850	28	0	-2	5	25	0	0.07	-10	-10	51

Sample Number	W ppm	Zn ppm	Analytical Notes	Duplicate Pair
VR19614A	-10	92		F
VR19615A	-10	242		F
VR19616A	-10	248		F
VR19617A	-10	232		F
VR19618A	-10	88		F
VR19620A	-10	130		F
VR19621A	-10	150		F
VR19626A	-10	230		F
VR19717A	1.95	102		F
VR19718A	0.5	140		F
VR19719A	0.25	114		F
VR19720A	0.25	190		F
VR19802A	1.9	118		F
VR19803A	0.25	48		F
VR19804A	0.7	76		F
VR19805A	0.05	106		F
VR19806A	0.35	116		F
VR19807A	0.25	120		F
VR19808A	0.3	110		F
VR19809A	0.4	308		F
VR19810A	0.25	102		F
VR19811A	0.3	154		F
VR22146A	-10	148		F
VR22147A	-10	230		F
VR22148A	-10	192		F
VR22363A	-10	166		F
VR22365A	-10	158		F
VR22374A	-10	96		F
VR22375A	-10	364		F
VR22376A	-10	84		F
VR22377A	-10	78		F
VR22379A	-10	102		F
VR22380A	-10	62		F
VR22393A	-10	172		F
VR22394A	-10	178		F

Sample Number	Property	Sample Type	Geol.	Sample Date	UTM ZONE	UTM EAST	UTM NORTH	DATUM	Analytical Certificate	Au ppb	As ppm	Ag ppm	Al %	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	CD ppm	Co ppm
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
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
VR22408A	Sixty Mile	SS	LL	19990620	7	506549	7104006	NAD 27	A9921167	2	5.6	0.12	1.27	-10	340	0.55	0.07	0.62	0.2	8
VR22416A	Sixty Mile	SS	RZ	19990721	7	505687	7104587	NAD 27	A9924185	3	17.6	0.26	1.48	-10	250	0.65	0.61	0.56	0.58	17.6
VR22417A	Sixty Mile	SS	RZ	19990802	7	501508	7103412	NAD 27	A9925208	8	94.2	0.5	1.48	-10	200	0.25	0.26	0.22	0.84	11
VR85501A	Sixty Mile	SS	FA	19990607	7	510560	7099684	NAD 27	A9920338	-1	9.4	0.08	1.41	-10	450	0.35	0.11	0.55	0.44	13.4
VR85502A	Sixty Mile	SS	FA	19990607	7	510000	7100000	NAD 27	A9920338	5	25.8	0.12	1.27	-10	340	0.35	0.12	0.47	0.36	11
VR85503A	Sixty Mile	SS	FA	19990607	7	510170	7099897	NAD 27	A9920338	12	12.2	0.1	1.09	-10	250	0.2	0.1	0.51	0.26	7.8
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
VR85507A	Sixty Mile	SS	FA	19990714	7	505281	7101110	NAD 27	A9923571	8	111	0.44	1.54	-10	150	0.4	0.23	0.22	0.68	30.6
VR85508A	Sixty Mile	SS	FA	19990714	7	505822	7101051	NAD 27	A9923571	8	31.4	0.36	1.26	-10	220	0.25	0.17	0.34	1.42	25.6
VR85511A	Sixty Mile	SS	FA	19990716	7	509900	7100195	NAD 27	A9923571	12	162.5	0.36	1.27	-10	300	0.4	0.27	0.54	0.8	16.4
VR85512A	Sixty Mile	SS	FA	19990716	7	509005	7100965	NAD 27	A9923571	78	185	0.32	0.99	-10	270	0.35	0.24	0.49	0.8	15
VR85515A	Sixty Mile	SS	FA	19990722	7	509721	7096702	NAD 27	A9924185	4	8	0.14	1.17	-10	320	0.45	0.13	0.77	0.28	10

Sample Number	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 %	Sb ppm	Sc ppm	Sr ppm	Te ppm	TI %	TI ppm	U ppm	V ppm
VR22395A	34	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
VR22396A	79	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
VR22408A	30	10.8	2.48	4.4	-0.1	0.04	0.05	10	0.51	510	0.8	0.01	12	1000	2	0.01	0.3	4	67	-0.05	0.03	0.06	1.05	40
VR22416A	54	43.4	4.13	3.9	-0.1	0.07	0.09	10	0.69	1860	3.2	0.01	46	990	10	0.04	0.9	5	31	0.15	0.03	0.12	2.65	54
VR22417A	38	33.2	3.06	4.4	-0.1	0.07	0.05	-10	0.52	750	2.2	0.01	35	790	16	0.04	1.8	3	17	0.05	0.04	0.22	1.3	49
VR85501A	33	14.2	2.88	3.9	-0.1	0.04	0.05	10	0.56	1410	0.8	0.02	17	890	10	0.02	0.4	5	53	-0.05	0.06	0.06	0.8	58
VR85502A	27	16.8	2.71	3.4	-0.1	0.03	0.06	10	0.45	1070	0.6	0.02	20	810	10	0.02	0.5	4	36	-0.05	0.07	0.06	0.95	42
VR85503A	28	15.8	2.22	3	-0.1	0.03	0.06	10	0.48	375	0.6	0.03	18	860	8	0.01	0.4	3	34	-0.05	0.07	0.04	0.85	42
VR85504A	32	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
VR85507A	36	39.2	3.51	5.1	-0.1	0.07	0.05	10	0.5	2700	3.2	0.01	38	890	18	0.03	1.1	3	19	0.05	0.04	0.14	1.3	58
VR85508A	24	26.8	2.84	3.9	-0.1	0.07	0.05	10	0.41	2230	2.2	0.02	29	750	20	0.02	0.7	3	25	-0.05	0.05	0.14	1.1	48
VR85511A	41	54	3.58	4	-0.1	0.09	0.08	10	0.62	1145	2.8	0.02	55	890	20	0.04	1.2	5	30	0.05	0.05	0.12	2.1	50
VR85512A	36	53.6	3.43	3.5	0.1	0.06	0.06	10	0.47	990	3	0.01	51	1060	16	0.05	1.2	4	24	0.05	0.05	0.12	2.3	46
VR85515A	27	21.6	2.89	3.6	-0.1	0.06	0.06	10	0.57	495	0.8	0.03	17	990	2	0.03	0.5	4	49	-0.05	0.06	0.06	0.7	57

Sample Number	W ppm	Zn ppm	Analytical Notes	Duplicate Pair
VR22395A	-10	266		F
VR22396A	-10	168		F
VR22408A	0.2	62		F
VR22416A	0.55	106		F
VR22417A	0.3	102		F
VR85501A	0.35	78		F
VR85502A	0.3	74		F
VR85503A	0.3	70	180+63Um has 80ppb Au	F
VR85504A	0.35	236		F
VR85507A	0.35	136		F
VR85508A	0.55	132		F
VR85511A	1.4	170		F
VR85512A	0.75	170		F
VR85515A	1.1	78		F

APPENDIX E

SOIL SAMPLE DESCRIPTIONS AND ANALYTICAL RESULTS

KENNECOTT CANADA EXPLORATION INC.
SIXTY MILE PROJECT
1999 SOIL SAMPLES - DESCRIPTIVE STATISTICS

	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*
Mean	11.31	56.76	0.30	1.48	-6.60	203.37	0.25	-0.17	0.24	0.19	9.21	32.83	28.02	2.67
Standard Error	1.33	3.45	0.01	0.02	0.14	5.28	0.01	0.02	0.01	0.01	0.19	1.26	0.66	0.04
Median	4.00	18.70	0.20	1.62	-10.00	180.00	0.30	0.16	0.15	0.16	9.00	29.00	25.60	2.97
Mode	-1.00	0.00	0.00	0.00	-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Standard Deviation	46.56	120.75	0.44	0.85	4.77	184.85	0.41	0.81	0.37	0.49	6.63	44.10	22.94	1.45
Sample Variance	2167.87	14580.13	0.19	0.72	22.78	34170.02	0.17	0.66	0.14	0.24	43.97	1945.13	526.15	2.09
Kurtosis	259.36	63.69	10.29	0.26	-1.36	27.83	1.64	1.30	242.26	58.19	3.80	133.25	14.63	0.74
Skewness	14.84	6.47	2.71	-0.29	0.72	3.40	0.12	-1.69	11.66	4.61	1.18	9.37	2.22	-0.48
Range	926.00	1687.00	3.20	5.70	20.00	2170.00	3.15	4.00	8.76	8.50	46.00	830.00	274.00	8.83
Minimum	-6.00	-2.00	-0.20	0.00	-10.00	0.00	-0.50	-2.00	-0.01	-0.50	0.00	-1.00	0.00	0.00
Maximum	920.00	1685.00	3.00	5.70	10.00	2170.00	2.65	2.00	8.75	8.00	46.00	829.00	274.00	8.83
Sum	13840.00	69478.00	365.36	1814.91	-8080.00	248920.00	305.10	-208.43	291.00	231.50	11270.80	40189.00	34297.20	3265.18
Count	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
Largest(1)	920.00	1685.00	3.00	5.70	10.00	2170.00	2.65	2.00	8.75	8.00	46.00	829.00	274.00	8.83
Smallest(1)	-6.00	-2.00	-0.20	0.00	-10.00	0.00	-0.50	-2.00	-0.01	-0.50	0.00	-1.00	0.00	0.00
Confidence Level(95.0%)	2.61	6.77	0.02	0.05	0.27	10.37	0.02	0.05	0.02	0.03	0.37	2.47	1.29	0.08

	Ga ppm	Ge ppm	Hg ppm	K	La ppm	Mg	Mn ppm	Mo ppm	Na	Ni ppm	P ppm	Pb ppm	S	Sb ppm
Mean	1.84	-0.06	-0.09	0.06	5.42	0.43	444.64	1.47	0.01	24.58	492.62	13.04	0.02	0.46
Standard Error	0.16	0.00	0.01	0.00	0.32	0.01	13.11	0.06	0.00	0.85	9.14	0.45	0.00	0.04
Median	4.30	-0.10	0.04	0.05	10.00	0.40	362.50	1.20	0.01	19.00	510.00	10.00	0.01	0.50
Mode	0.00	-0.10	0.00	0.05	10.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Standard Deviation	5.61	0.06	0.44	0.06	11.21	0.40	458.53	1.93	0.01	29.66	319.82	15.61	0.06	1.37
Sample Variance	31.42	0.00	0.20	0.00	125.74	0.16	210245.47	3.73	0.00	879.61	102282.65	243.68	0.00	1.89
Kurtosis	0.39	0.35	16.32	29.85	2.43	32.16	37.04	51.50	-0.11	64.79	1.99	30.65	323.90	3.97
Skewness	-1.26	1.05	0.71	4.32	0.74	3.95	4.05	5.05	0.15	6.19	0.50	4.20	15.21	0.79
Range	22.90	0.30	5.18	0.67	80.00	4.99	6790.00	30.40	0.05	422.00	2460.00	196.00	1.51	10.00
Minimum	-10.00	-0.10	-1.00	-0.01	-10.00	0.00	0.00	-1.00	-0.01	0.00	0.00	-2.00	-0.01	-2.00
Maximum	12.90	0.20	4.18	0.66	70.00	4.99	6790.00	29.40	0.04	422.00	2460.00	194.00	1.50	8.00
Sum	2253.40	-69.20	-106.46	69.80	6640.00	527.60	544235.00	1804.60	6.42	30080.00	602970.00	15958.00	22.35	560.30
Count	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
Largest(1)	12.90	0.20	4.18	0.66	70.00	4.99	6790.00	29.40	0.04	422.00	2460.00	194.00	1.50	8.00
Smallest(1)	-10.00	-0.10	-1.00	-0.01	-10.00	0.00	0.00	-1.00	-0.01	0.00	0.00	-2.00	-0.01	-2.00
Confidence Level(95.0%)	0.31	0.00	0.02	0.00	0.63	0.02	25.71	0.11	0.00	1.66	17.93	0.88	0.00	0.08

	Sc ppm	Sr ppm	Te ppm	Ti	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
Mean	3.56	20.81	0.01	0.04	-1.50	-0.78	45.50	-1.30	74.81
Standard Error	0.10	0.53	0.00	0.00	0.11	0.12	0.77	0.12	1.83
Median	3.00	18.00	0.00	0.05	0.08	0.80	49.00	0.20	68.00
Mode	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Standard Deviation	3.46	18.53	0.05	0.03	3.71	4.09	26.98	4.02	64.15
Sample Variance	11.99	343.28	0.00	0.00	13.80	16.69	727.73	16.19	4114.74
Kurtosis	26.71	8.58	5.82	0.83	1.43	1.27	3.08	8.12	22.47
Skewness	3.38	2.19	1.57	0.16	-1.85	-1.71	0.34	-0.61	3.17
Range	47.00	160.00	0.45	0.22	12.56	20.00	220.00	43.00	742.00
Minimum	-1.00	0.00	-0.05	-0.01	-10.00	-10.00	-1.00	-10.00	0.00
Maximum	46.00	160.00	0.40	0.21	2.56	10.00	219.00	33.00	742.00
Sum	4358.00	25469.00	12.65	52.28	-1840.50	-957.40	55689.00	-1597.25	91570.00
Count	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00	1224.00
Largest(1)	46.00	160.00	0.40	0.21	2.56	10.00	219.00	33.00	742.00
Smallest(1)	-1.00	0.00	-0.05	-0.01	-10.00	-10.00	-1.00	-10.00	0.00
Confidence Level(95.0%)	0.19	1.04	0.00	0.00	0.21	0.23	1.51	0.23	3.60

KENNECOTT CANADA EXPLORATION INC.
SIXTY MILE PROJECT
1999 SOIL SAMPLES - CORRELATION COEFFICIENTS

n = 1224

	Au	*As*	*Ag*	*Al*	*B*	*Ba*	*Be*	*Bi*	*Ca*	*Cd*	*Co*	*Cr*	*Cu*	*Fe*	*Ga*	*Ge*
Au ppb	1															
As ppm	0.11	1.00														
Ag ppm	0.36	0.22	1.00													
Al	0.00	0.09	0.14	1.00												
B ppm	-0.10	-0.02	-0.30	-0.48	1.00											
Ba ppm	-0.01	0.02	0.17	0.45	-0.35	1.00										
Be ppm	0.02	-0.15	0.07	0.26	-0.72	0.39	1.00									
Bi ppm	0.10	-0.17	0.15	-0.14	-0.67	-0.03	0.67	1.00								
Ca	-0.03	-0.04	-0.02	0.25	-0.15	0.43	0.30	-0.09	1.00							
Cd ppm	0.04	0.06	0.42	0.09	-0.44	0.20	0.35	0.42	0.01	1.00						
Co ppm	0.03	0.22	0.27	0.65	-0.36	0.35	0.17	-0.13	0.18	0.33	1.00					
Cr ppm	-0.02	0.08	0.09	0.46	-0.21	0.18	0.10	-0.05	0.08	0.07	0.59	1.00				
Cu ppm	0.09	0.27	0.47	0.46	-0.33	0.28	0.07	-0.07	0.05	0.41	0.71	0.36	1.00			
Fe	0.09	0.27	0.40	0.79	-0.52	0.47	0.26	-0.11	0.22	0.32	0.82	0.40	0.76	1.00		
Ga ppm	0.05	-0.15	0.14	0.17	-0.81	0.12	0.76	0.91	0.00	0.44	0.07	0.14	0.03	0.12	1.00	
Ge ppm	-0.08	0.01	-0.14	-0.29	0.67	-0.21	-0.41	-0.45	-0.12	-0.20	-0.04	0.03	-0.03	-0.22	-0.53	1.00
Hg ppm	0.06	-0.17	0.06	-0.15	-0.51	0.00	0.55	0.75	-0.03	0.29	-0.14	-0.05	-0.10	-0.12	0.69	-0.35
K	0.05	0.11	0.32	0.46	-0.19	0.38	0.16	-0.15	0.18	0.14	0.46	0.32	0.49	0.56	-0.01	0.10
La ppm	0.01	0.05	0.04	0.17	0.04	0.34	0.13	-0.25	0.20	-0.01	0.19	0.05	0.22	0.27	-0.20	0.24
Mg	-0.03	0.04	0.08	0.69	-0.26	0.33	0.18	-0.13	0.43	0.08	0.64	0.76	0.40	0.55	0.13	0.01
Mn ppm	0.02	0.17	0.30	0.37	-0.20	0.30	0.12	-0.14	0.23	0.44	0.76	0.25	0.51	0.62	-0.03	0.00
Mo ppm	0.10	0.24	0.53	0.25	-0.33	0.19	0.17	0.14	0.02	0.44	0.34	0.27	0.54	0.46	0.21	-0.09
Na	0.06	-0.10	0.11	0.17	-0.61	0.28	0.59	0.57	0.22	0.26	0.02	-0.04	-0.01	0.10	0.64	-0.50
Ni ppm	-0.01	0.18	0.21	0.39	-0.22	0.18	0.05	-0.08	0.04	0.31	0.73	0.83	0.58	0.52	0.06	0.05
P ppm	0.12	0.21	0.48	0.53	-0.44	0.46	0.22	-0.07	0.27	0.42	0.64	0.23	0.67	0.78	0.09	-0.20
Pb ppm	0.17	0.40	0.43	0.24	-0.16	0.25	0.03	-0.10	0.05	0.21	0.25	0.13	0.33	0.40	-0.08	-0.04
S	0.14	0.11	0.36	0.02	-0.21	0.08	0.14	0.20	0.08	0.20	0.10	0.02	0.19	0.18	0.15	-0.13
Sb ppm	0.21	0.15	0.39	0.00	-0.55	0.07	0.41	0.58	-0.07	0.37	0.08	0.04	0.23	0.17	0.56	-0.35
Sc ppm	-0.05	0.06	0.06	0.54	-0.26	0.53	0.35	-0.12	0.38	0.08	0.63	0.41	0.39	0.61	0.06	0.03
Sr ppm	-0.01	0.04	0.05	0.41	-0.30	0.68	0.39	-0.10	0.65	0.04	0.28	0.11	0.18	0.39	0.05	-0.24
Te ppm	0.32	0.27	0.43	-0.02	-0.14	-0.10	-0.02	0.17	-0.14	0.26	0.17	0.07	0.38	0.25	0.09	0.00
Ti	0.03	0.06	0.08	0.76	-0.38	0.33	0.06	-0.15	0.17	0.02	0.43	0.35	0.33	0.56	0.10	-0.25
Tl ppm	0.06	-0.20	0.08	-0.20	-0.62	-0.06	0.67	0.98	-0.10	0.40	-0.19	-0.08	-0.14	-0.20	0.90	-0.42
U ppm	0.06	-0.16	0.14	-0.13	-0.68	0.00	0.69	0.96	-0.06	0.47	-0.09	-0.05	-0.04	-0.09	0.91	-0.44
V ppm	0.01	0.13	0.21	0.85	-0.49	0.51	0.29	-0.10	0.25	0.17	0.72	0.48	0.53	0.84	0.19	-0.20
W ppm	0.06	-0.14	0.07	-0.18	-0.59	-0.04	0.63	0.92	-0.08	0.37	-0.17	-0.08	-0.14	-0.17	0.85	-0.41

	Hg	*K*	*La*	*Mg*	*Mn*	*Mo*	*Na*	*Ni*	*P*	*Pb*	*S*	*Sb*	*Sc*	*Sr*	*Te*	*Ti*	*Tl*	*U*	*V*	*W*
Hg ppm	1.00																			
K	-0.11	1.00																		
La ppm	-0.18	0.39	1.00																	
Mg	-0.13	0.51	0.17	1.00																
Mn ppm	-0.15	0.32	0.21	0.35	1.00															
Mo ppm	0.07	0.38	0.05	0.28	0.26	1.00														
Na	0.44	0.01	-0.07	0.07	0.00	0.10	1.00													
Ni ppm	-0.09	0.29	0.09	0.61	0.46	0.32	-0.10	1.00												
P ppm	-0.07	0.46	0.23	0.38	0.60	0.51	0.18	0.38	1.00											
Pb ppm	-0.13	0.34	0.28	0.14	0.25	0.38	-0.06	0.17	0.35	1.00										
S	0.11	0.21	-0.03	0.07	0.13	0.32	0.14	0.08	0.20	0.17	1.00									
Sb ppm	0.46	0.05	-0.13	-0.03	0.01	0.33	0.35	0.09	0.20	0.15	0.26	1.00								
Sc ppm	-0.05	0.44	0.32	0.57	0.41	0.15	0.11	0.37	0.43	0.15	-0.01	0.01	1.00							
Sr ppm	-0.04	0.26	0.34	0.32	0.27	0.08	0.36	0.08	0.46	0.15	0.09	0.00	0.50	1.00						
Te ppm	0.05	0.10	-0.02	-0.03	0.15	0.41	-0.08	0.19	0.26	0.25	0.33	0.32	-0.14	-0.18	1.00					
Ti	-0.15	0.41	0.12	0.53	0.16	0.14	0.17	0.26	0.38	0.19	-0.01	-0.03	0.33	0.31	-0.04	1.00				
Tl ppm	0.76	-0.21	-0.28	-0.17	-0.19	0.08	0.56	-0.11	-0.15	-0.18	0.15	0.56	-0.14	-0.12	0.10	-0.22	1.00			
U ppm	0.75	-0.16	-0.21	-0.12	-0.11	0.14	0.58	-0.05	-0.04	-0.13	0.17	0.58	-0.08	-0.06	0.13	-0.15	0.98	1.00		
V ppm	-0.09	0.54	0.16	0.69	0.45	0.40	0.18	0.42	0.62	0.25	0.07	0.08	0.74	0.44	0.03	0.67	-0.16	-0.09	1.00	
W ppm	0.71	-0.20	-0.24	-0.16	-0.17	0.07	0.54	-0.11	-0.13	-0.10	0.13	0.53	-0.13	-0.10	0.07	-0.19	0.93	0.92	-0.14	1.00

KENNECOTT CANADA EXPLORATION INC.
SIXTY MILE PROJECT
JULY 1999 SOIL SAMPLES - DUPLICATE SAMPLES & MEAN % DIFFERENCE (MPD)

Sample	Duplicate	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Ge	Hg	K	La	Mg
		MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD
VR83024	VR83025	61.9	4.8	1.8	14.1	0.0	4.3	15.4	4.1	2.6	5.7	1.5	3.8	8.9	5.3	0.0	0.0	0.0	0.0	0.0	3.0
VR83026	VR83027	14.6	19.4	7.8	8.7	0.0	10.5	0.0	0.0	0.0	0.0	4.9	5.1	2.4	3.8	10.2	0.0	11.8	15.4	0.0	5.1
VR83124	VR83125	108.6	34.8	27.3	0.3	0.0	9.5	50.0	34.5	48.3	28.6	11.6	11.3	15.9	11.4	3.1	0.0	0.0	18.2	66.7	40.0
VR83144	VR83145	40.0	15.4	1.3	12.8	0.0	7.1	15.4	0.0	6.7	25.0	17.8	3.3	12.2	0.0	4.7	0.0	0.0	0.0	0.0	6.9
VR58442	VR58443	0.0	63.2	0.8	120.7	0.0	10.5	40.0	9.5	26.1	16.7	5.0	2.4	0.5	27.1	5.4	0.0	15.4	18.2	0.0	18.2
VR42471	VR42470	28.6	32.6	17.9	23.5	0.0	32.6	57.1	4.7	15.4	7.4	27.8	11.4	25.0	1.7	14.7	0.0	28.6	28.6	0.0	30.1
VR83164	VR83165	28.6	0.0	4.4	4.9	0.0	0.0	11.8	0.0	0.0	0.0	1.6	1.8	2.2	2.5	1.9	0.0	0.0	18.2	66.7	0.7
VR58468	VR58469	71.0	9.5	9.6	17.4	0.0	8.7	11.8	0.0	6.1	20.0	12.3	0.0	16.8	4.3	6.9	0.0	40.0	22.2	0.0	11.1
VR83072	VR83073	50.0	34.8	5.0	1.8	0.0	0.0	16.7	0.0	10.5	13.3	16.1	5.2	0.6	0.5	1.7	0.0	26.1	0.0	0.0	5.1
VR83077	VR83078	28.6	22.2	0.0	29.0	0.0	2.4	11.8	33.3	0.0	34.5	21.4	0.0	21.8	1.0	24.4	0.0	18.2	0.0	0.0	0.0
VR82632	VR82633	33.3	4.9	8.5	30.0	0.0	2.6	15.4	19.4	24.6	17.1	36.4	7.7	10.5	14.5	15.1	0.0	0.0	0.0	0.0	9.2
VR82650	VR82651	155.6	9.5	3.1	0.0	0.0	2.5	0.0	0.0	1.4	0.0	2.5	4.3	1.7	2.8	2.2	0.0	11.8	0.0	0.0	5.1
VR82658	VR82659	66.7	8.7	5.1	8.1	0.0	17.1	15.4	0.0	8.7	14.8	9.0	5.7	9.0	4.5	2.9	0.0	28.6	0.0	0.0	8.3
VR82677	VR82678	155.6	3.8	5.2	3.4	0.0	14.3	40.0	10.9	3.1	0.0	0.8	0.0	10.1	1.8	10.5	0.0	0.0	0.0	0.0	0.0
VR82692	VR82693	0.0	0.0	2.0	2.7	0.0	4.4	15.4	6.9	0.0	13.3	2.7	3.5	2.1	2.9	2.5	0.0	0.0	0.0	0.0	3.6
VR83180	VR83181	57.6	11.8	12.4	10.5	0.0	10.5	14.0	16.7	8.0	0.0	9.8	11.8	10.4	11.0	12.5	0.0	17.2	6.5	40.0	12.8
VR58518	VR58519	37.7	60.5	2.6	4.7	0.0	13.3	15.4	7.4	18.2	36.4	2.7	0.0	2.4	24.5	18.2	0.0	28.6	0.0	66.7	12.5
VR57879	VR60101	0.9	17.4	1.0	0.1	0.0	10.3	0.0	2.0	1.0	0.0	0.0	1.0	1.4	2.4	0.7	0.0	2.9	0.0	0.0	3.0
VR60142	VR60143	0.0	8.7	20.3	6.7	0.0	22.2	11.8	26.5	66.7	33.3	38.9	42.9	29.6	20.4	11.8	0.0	28.6	23.5	0.0	29.5
VR83194	VR83196	2.3	4.4	7.7	21.7	0.0	10.5	0.0	58.8	23.7	80.7	1.8	3.4	1.3	1.3	4.7	0.0	46.2	0.0	0.0	6.7
Average MPD		47.1	18.3	7.2	16.1	0.0	9.7	17.9	11.7	13.5	17.3	11.2	6.2	9.2	7.2	7.7	0.0	15.2	7.5	12.0	10.5

KENNECOTT CAI
SIXTY MILE PRO.
JULY 1999 SOIL

Sample	Duplicate	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te	Ti	Tl	U	V	W	Zn
		MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD
VR83024	VR83025	16.6	8.7	0.0	12.8	9.4	0.0	0.0	0.0	0.0	2.7	0.0	0.0	8.0	12.2	0.0	10.5	5.1
VR83026	VR83027	5.7	6.1	0.0	0.0	4.0	0.0	10.5	9.1	0.0	4.3	0.0	0.0	13.3	0.0	7.6	0.0	0.0
VR83124	VR83125	3.3	13.3	0.0	18.2	17.4	8.7	0.0	13.3	100.0	26.7	0.0	22.2	22.2	22.2	9.8	18.2	16.1
VR83144	VR83145	25.7	28.6	0.0	5.4	6.1	22.2	0.0	18.2	28.6	6.1	0.0	0.0	0.0	7.4	6.5	18.2	5.7
VR58442	VR58443	80.9	25.0	0.0	45.2	16.0	90.9	66.7	0.0	22.2	5.4	0.0	15.4	18.2	58.8	1.7	0.0	17.6
VR42471	VR42470	22.7	0.0	0.0	36.4	25.8	0.0	0.0	18.2	28.6	0.0	0.0	15.4	18.2	36.4	8.2	0.0	9.5
VR83164	VR83165	2.5	13.3	0.0	1.2	4.8	0.0	0.0	5.0	10.5	11.1	66.7	0.0	0.0	5.4	4.9	28.6	3.3
VR58468	VR58469	6.2	22.2	66.7	13.9	14.0	0.0	0.0	18.2	0.0	5.4	0.0	0.0	0.0	10.5	1.8	33.3	14.0
VR83072	VR83073	32.0	0.0	0.0	4.8	10.2	22.2	28.6	0.0	0.0	0.0	0.0	0.0	0.0	4.3	1.9	22.2	0.0
VR83077	VR83078	11.0	40.0	0.0	2.9	0.0	22.2	66.7	33.3	0.0	0.0	66.7	0.0	28.6	35.3	1.9	0.0	0.0
VR82632	VR82633	31.5	18.2	0.0	5.1	6.3	40.0	22.2	0.0	0.0	19.4	0.0	0.0	0.0	4.9	17.4	40.0	0.0
VR82650	VR82651	8.6	0.0	0.0	7.4	1.5	0.0	40.0	0.0	0.0	3.0	0.0	0.0	0.0	3.9	0.0	0.0	4.7
VR82658	VR82659	4.9	22.2	0.0	6.9	4.7	22.2	66.7	13.3	28.6	11.8	0.0	0.0	22.2	16.0	1.5	13.3	9.5
VR82677	VR82678	3.2	7.7	66.7	1.7	2.2	14.3	0.0	11.8	0.0	8.7	0.0	0.0	0.0	6.5	2.7	28.6	5.7
VR82692	VR82693	2.2	0.0	40.0	5.4	2.7	85.7	0.0	18.2	0.0	3.3	0.0	0.0	0.0	9.5	2.2	15.4	0.0
VR83180	VR83181	12.9	40.0	0.0	10.5	3.5	18.2	0.0	0.0	15.4	10.8	0.0	0.0	18.2	12.2	12.0	11.8	5.9
VR58518	VR58519	6.5	8.0	0.0	0.0	5.1	15.4	0.0	5.4	0.0	13.3	0.0	28.6	0.0	14.3	16.5	0.0	10.5
VR57879	VR60101	0.9	8.7	0.0	2.6	1.5	32.8	0.0	2.9	0.0	5.0	0.0	0.0	0.0	1.4	0.9	1.4	7.3
VR60142	VR60143	47.1	0.0	0.0	46.2	27.7	13.3	0.0	0.0	66.7	0.0	0.0	18.2	8.7	12.2	4.2	40.0	18.8
VR83194	VR83196	6.7	0.0	0.0	0.4	4.2	155.6	0.0	16.5	0.0	11.8	0.0	0.0	24.0	15.4	4.7	7.1	21.5
Average MPD		16.6	13.1	8.7	11.3	8.4	28.2	15.1	9.2	15.0	7.4	6.7	5.0	9.1	14.4	5.3	14.4	7.8

KENNECOTT CANADA EXPLORATION INC.

SIXTY MILE PROJECT

AUGUST 1999 SOIL SAMPLES - DUPLICATE SAMPLES & MEAN % DIFFERENCE (MPD)

Dup_One	Dup_Two	Certificate	Au MPD	Ag MPD	Al MPD	As MPD	B MPD	Ba MPD	Be MPD	Bi MPD	Ca MPD	Cd MPD	Co MPD	Cr MPD	Cu MPD	Fe MPD	Ga MPD	Ge MPD	Hg MPD	K MPD	La MPD
VR54858	VR54859	A9923133	85.7	17.1	4.1	0.9	0.0	0.0	11.8	4.7	13.3	9.8	4.7	3.9	2.1	1.7	5.1	0.0	0.0	0.0	0.0
VR83326	VR83327	A9923133	90.9	0.0	7.1	1.5	0.0	4.3	18.2	6.5	0.0	40.0	2.9	0.0	2.0	3.7	0.0	0.0	16.7	28.6	0.0
VR83346	VR83348	A9923451	87.5	3.6	3.8	6.4	0.0	0.0	0.0	4.7	8.7	6.1	4.3	4.1	4.2	2.0	11.8	0.0	0.0	0.0	0.0
VR54878	VR54879	A9923569	100.0	33.3	1.7	17.6	0.0	0.0	10.5	6.7	0.0	13.3	14.8	24.5	7.9	6.9	20.9	0.0	100.0	0.0	0.0
VR83364	VR83365	A9923569	66.7	0.0	8.9	14.6	0.0	0.0	9.1	8.7	4.6	18.2	6.3	12.9	6.9	7.5	5.4	0.0	0.0	22.2	0.0
VR54899	VR54900	A9923861	162.6	12.2	2.0	5.4	0.0	4.3	26.1	17.7	6.6	16.2	4.8	6.5	2.0	1.1	7.2	66.7	46.2	0.0	0.0
VR83384	VR83385	A9924198	64.3	9.5	3.8	6.6	0.0	0.0	11.8	6.1	0.0	0.0	0.0	8.1	2.8	4.6	5.1	66.7	0.0	0.0	0.0
VR83404	VR83405	A9924198	155.6	0.0	0.5	11.1	0.0	0.0	14.3	0.0	4.4	20.7	2.0	0.0	42.2	3.3	1.8	0.0	0.0	0.0	0.0
VR58650	VR58651	A9924198	0.0	0.0	1.6	3.7	0.0	0.0	15.4	4.7	0.0	13.3	1.5	0.0	2.4	2.6	6.9	0.0	0.0	0.0	0.0
VR58672	VR58673	A9925209	8.0	15.4	5.8	2.5	0.0	8.7	22.2	0.0	8.7	0.0	2.6	0.0	3.2	3.9	4.0	0.0	0.0	0.0	66.7
VR58692	VR58693	A9925209	22.2	0.0	2.4	0.0	0.0	0.0	0.0	5.7	5.1	8.7	4.9	3.4	2.5	0.7	2.0	0.0	0.0	0.0	0.0
VR58713	VR58714	A9925209	50.0	9.1	1.7	15.6	0.0	6.1	0.0	17.1	4.9	4.1	18.4	1.8	1.5	4.3	15.7	0.0	40.0	0.0	66.7
VR82720	VR82721	A9925738	28.6	20.0	2.7	3.8	0.0	0.0	13.3	4.7	0.0	11.3	1.6	5.4	0.9	0.6	7.7	0.0	28.6	0.0	0.0
Average MPD			70.9	9.3	3.6	6.9	0.0	1.8	11.7	6.7	4.3	12.4	5.3	5.4	6.2	3.3	7.2	10.3	17.8	3.9	10.3

KENNECOTT CA																				
SIXTY MILE PRO																				
AUGUST 1999 SC																				
Dup_One	Dup_Two	Mg MPD	Mn MPD	Mo MPD	Na MPD	Ni MPD	P MPD	Pb MPD	S MPD	Sb MPD	Sc MPD	Sr MPD	Te MPD	Ti MPD	Tl MPD	U MPD	V MPD	W MPD	Zn MPD
VR54858	VR54859	0.0	5.8	0.0	0.0	0.0	6.2	120.0	0.0	15.4	0.0	0.0	0.0	0.0	0.0	3.8	1.9	0.0	8.8
VR83326	VR83327	4.2	4.1	0.0	0.0	14.3	7.1	40.0	0.0	7.4	0.0	4.1	0.0	0.0	0.0	0.0	0.0	18.2	0.0
VR83346	VR83348	0.0	5.2	6.5	0.0	4.7	3.0	15.4	40.0	0.0	66.7	0.0	0.0	0.0	18.2	0.0	2.5	0.0	4.4
VR54878	VR54879	19.5	1.1	11.8	66.7	5.6	25.4	15.4	66.7	11.8	50.0	0.0	0.0	22.2	35.3	12.2	6.3	28.6	2.3
VR83364	VR83365	11.0	5.8	0.0	0.0	0.0	7.9	66.7	0.0	100.0	11.8	6.8	0.0	0.0	22.2	0.0	5.9	0.0	9.0
VR54899	VR54900	0.0	2.8	15.4	0.0	0.0	6.7	14.0	28.6	40.0	0.0	6.5	0.0	0.0	18.2	7.0	5.6	28.6	4.4
VR83384	VR83385	3.9	17.1	18.2	0.0	5.0	3.5	100.0	66.7	8.7	0.0	8.7	66.7	0.0	18.2	7.4	1.2	66.7	2.2
VR83404	VR83405	0.0	9.1	22.2	0.0	0.0	5.3	0.0	66.7	15.4	0.0	3.9	0.0	0.0	0.0	14.1	0.0	0.0	0.0
VR58650	VR58651	3.1	3.2	13.3	0.0	3.0	1.9	28.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	2.1	0.0	2.4
VR58672	VR58673	7.2	3.6	0.0	0.0	11.8	0.0	28.6	0.0	0.0	0.0	8.7	66.7	0.0	18.2	5.1	4.3	18.2	3.2
VR58692	VR58693	0.0	15.4	0.0	0.0	5.1	1.4	50.0	0.0	0.0	0.0	4.7	66.7	0.0	18.2	0.0	1.9	0.0	0.0
VR58713	VR58714	3.3	6.6	9.5	66.7	5.4	13.9	20.7	28.6	13.3	10.5	5.7	0.0	0.0	20.0	9.8	0.0	0.0	7.5
VR82720	VR82721	3.6	0.7	8.7	0.0	0.0	6.1	0.0	0.0	13.3	0.0	6.1	0.0	0.0	0.0	3.6	3.6	22.2	0.0
Average MPD		4.3	6.2	8.1	10.3	4.2	6.8	38.4	22.9	17.3	10.7	4.2	15.4	1.7	13.0	5.1	2.7	14.0	3.4

KENNECOTT CANADA EXPLORTAION INC.

SIXTY MILE PROPERTY

1999 SOIL SAMPLES

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR32132A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506447	7102259	NAD 27	A9924684
VR32133A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506447	7102709	NAD 27	A9924684
VR32134A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506447	7103109	NAD 27	A9924684
VR32135A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506447	7103459	NAD 27	A9924684
VR32136A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506447	7103759	NAD 27	A9924684
VR32137A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506347	7102259	NAD 27	A9924684
VR32138A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506347	7102709	NAD 27	A9924684
VR32139A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506347	7103109	NAD 27	A9924684
VR32140A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506347	7103459	NAD 27	A9924684
VR32141A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506347	7103759	NAD 27	A9924684
VR32142A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506305	7101227	NAD 27	A9924684
VR32143A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506305	7101677	NAD 27	A9924684
VR32144A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506247	7102259	NAD 27	A9924684
VR32145A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506247	7102709	NAD 27	A9924684
VR32146A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506247	7103109	NAD 27	A9924684
VR32147A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506247	7103759	NAD 27	A9924684
VR32148A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506205	7101227	NAD 27	A9924684
VR32149A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506205	7101677	NAD 27	A9924684
VR32150A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506147	7102259	NAD 27	A9924684
VR32151A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506147	7102709	NAD 27	A9924684
VR32152A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506147	7103109	NAD 27	A9924684
VR32153A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506147	7103459	NAD 27	A9924684
VR32154A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506147	7103759	NAD 27	A9924684
VR32155A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506105	7101227	NAD 27	A9924684
VR32156A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506105	7101677	NAD 27	A9924684
VR32157A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506047	7102259	NAD 27	A9924684
VR32158A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506047	7102709	NAD 27	A9924684
VR32159A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506047	7103109	NAD 27	A9924684
VR32160A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506047	7103459	NAD 27	A9924684
VR32161A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	506047	7103759	NAD 27	A9924684
VR32162A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505905	7101227	NAD 27	A9924684
VR32163A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505905	7101677	NAD 27	A9924684
VR32164A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505847	7102259	NAD 27	A9924684
VR32165A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505847	7102709	NAD 27	A9924684
VR32166A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505847	7103109	NAD 27	A9924684
VR32167A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505847	7103459	NAD 27	A9924684

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR32132A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32133A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32134A		8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32135A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32136A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32137A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32138A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32139A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32140A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32141A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32142A		-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32143A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32144A		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32145A		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32146A		8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32147A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32148A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32149A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32150A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32151A		-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32152A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32153A		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32154A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32155A		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32156A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32157A		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32158A		-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32159A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32160A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32161A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32162A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32163A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32164A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32165A		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32166A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32167A		-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR32132A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32133A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32134A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32135A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32136A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32137A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32138A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32139A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32140A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32141A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32142A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32143A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32144A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32145A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32146A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32147A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32148A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32149A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32150A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32151A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32152A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32153A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32154A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32155A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32156A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32157A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32158A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32159A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32160A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32161A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32162A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32163A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32164A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32165A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32166A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32167A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR32168A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505847	7103759	NAD 27	A9924684
VR32169A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505805	7101227	NAD 27	A9924684
VR32170A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505805	7101677	NAD 27	A9924684
VR32171A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505747	7102259	NAD 27	A9924684
VR32172A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505747	7102709	NAD 27	A9924684
VR32173A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505747	7103109	NAD 27	A9924684
VR32174A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505747	7103459	NAD 27	A9924684
VR32175A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505747	7103759	NAD 27	A9924684
VR32176A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505705	7101227	NAD 27	A9924684
VR32177A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505705	7101677	NAD 27	A9924684
VR32178A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505647	7102259	NAD 27	A9924684
VR32179A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505647	7102709	NAD 27	A9924684
VR32180A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505647	7103109	NAD 27	A9924684
VR32181A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505647	7103459	NAD 27	A9924684
VR32182A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505647	7103759	NAD 27	A9924684
VR32183A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505605	7101227	NAD 27	A9924684
VR32184A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505605	7101677	NAD 27	A9924684
VR32185A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505547	7102259	NAD 27	A9924684
VR32186A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505547	7102709	NAD 27	A9924684
VR32187A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505547	7103459	NAD 27	A9924684
VR32188A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505547	7103759	NAD 27	A9924684
VR32189A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505447	7102259	NAD 27	A9924684
VR32190A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505447	7102709	NAD 27	A9924684
VR32191A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505447	7103459	NAD 27	A9924684
VR32192A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505447	7103759	NAD 27	A9924684
VR32193A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505347	7102259	NAD 27	A9924684
VR32194A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505347	7102709	NAD 27	A9924684
VR32195A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505347	7103109	NAD 27	A9924684
VR32196A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505347	7103459	NAD 27	A9924684
VR32197A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505347	7103759	NAD 27	A9924684
VR32198A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505247	7102259	NAD 27	A9924684
VR32199A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505247	7102709	NAD 27	A9924684
VR32200A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505247	7103109	NAD 27	A9924684
VR33431A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505247	7103459	NAD 27	A9924684
VR33432A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505247	7103759	NAD 27	A9924684
VR33433A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505147	7102259	NAD 27	A9924684
VR33434A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505147	7102709	NAD 27	A9924684
VR33435A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505147	7103109	NAD 27	A9924684
VR33436A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505147	7103459	NAD 27	A9924684
VR33437A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505147	7103759	NAD 27	A9924684
VR33438A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505047	7102259	NAD 27	A9924684

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR32168A		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32169A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32170A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32171A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32172A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32173A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32174A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32175A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32176A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32177A		-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32178A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32179A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32180A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32181A		-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32182A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32183A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32184A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32185A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32186A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32187A		-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32188A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32189A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32190A		-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32191A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32192A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32193A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32194A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32195A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32196A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32197A		-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32198A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32199A		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR32200A		11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33431A		8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33432A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33433A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33434A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33435A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33436A		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33437A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33438A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR32168A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32169A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32170A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32171A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32172A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32173A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32174A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32175A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32176A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32177A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32178A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32179A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32180A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32181A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32182A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32183A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32184A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32185A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32186A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32187A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32188A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32189A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32190A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32191A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32192A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32193A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32194A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32195A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32196A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32197A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32198A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32199A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR32200A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33431A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33432A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33433A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33434A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33435A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33436A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33437A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33438A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR33439A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505047	7102709	NAD 27	A9924684
VR33440A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505047	7103109	NAD 27	A9924684
VR33441A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505047	7103459	NAD 27	A9924684
VR33442A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505047	7103759	NAD 27	A9924684
VR33443A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504947	7102259	NAD 27	A9924684
VR33444A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504947	7103109	NAD 27	A9924684
VR33445A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504947	7103459	NAD 27	A9924684
VR33446A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504947	7103759	NAD 27	A9924684
VR33447A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504847	7102259	NAD 27	A9924684
VR33448A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504847	7102709	NAD 27	A9924684
VR33449A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504847	7103109	NAD 27	A9924684
VR33450A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504847	7103459	NAD 27	A9924684
VR33451A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504847	7103809	NAD 27	A9924684
VR33452A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504747	7102259	NAD 27	A9924684
VR33453A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504747	7102709	NAD 27	A9924684
VR33454A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504747	7103109	NAD 27	A9924684
VR33455A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504747	7103459	NAD 27	A9924684
VR33456A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504747	7103759	NAD 27	A9924684
VR33457A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505045	7099909	NAD 27	A9924684
VR33458A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505045	7100309	NAD 27	A9924684
VR33459A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	505045	7101309	NAD 27	A9924684
VR33460A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504945	7099909	NAD 27	A9924684
VR33461A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504945	7100309	NAD 27	A9924684
VR33462A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504945	7100909	NAD 27	A9924684
VR33463A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504945	7101309	NAD 27	A9924684
VR33464A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504845	7099909	NAD 27	A9924684
VR33465A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504845	7100309	NAD 27	A9924684
VR33466A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504845	7100909	NAD 27	A9924684
VR33467A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504845	7101309	NAD 27	A9924684
VR33468A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504745	7099909	NAD 27	A9924684
VR33469A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504745	7100309	NAD 27	A9924684
VR33470A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504745	7100909	NAD 27	A9924684
VR33471A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504745	7101309	NAD 27	A9924684
VR33472A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504645	7099909	NAD 27	A9924684
VR33473A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504645	7100309	NAD 27	A9924684
VR33474A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504645	7100909	NAD 27	A9924684
VR33475A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504645	7101309	NAD 27	A9924684
VR33476A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504545	7099909	NAD 27	A9924684
VR33477A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504545	7100309	NAD 27	A9924684
VR33478A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504545	7100909	NAD 27	A9924684
VR33479A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504545	7101309	NAD 27	A9924684

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR33439A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33440A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33441A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33442A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33443A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33444A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33445A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33446A		-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33447A		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33448A		10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33449A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33450A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33451A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33452A		7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33453A		7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33454A		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33455A		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33456A		-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33457A		10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33458A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33459A		12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33460A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33461A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33462A		10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33463A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33464A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33465A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33466A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33467A		-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33468A		10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33469A		-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33470A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33471A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33472A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33473A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33474A		10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33475A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33476A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33477A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33478A		9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33479A		8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR33439A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33440A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33441A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33442A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33443A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33444A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33445A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33446A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33447A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33448A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33449A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33450A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33451A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33452A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33453A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33454A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33455A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33456A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33457A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33458A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33459A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33460A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33461A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33462A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33463A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33464A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33465A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33466A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33467A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33468A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33469A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33470A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33471A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33472A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33473A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33474A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33475A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33476A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33477A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33478A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33479A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR33480A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504445	7099909	NAD 27	A9924684
VR33481A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504445	7100309	NAD 27	A9924684
VR33482A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504445	7100909	NAD 27	A9924684
VR33483A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504445	7101309	NAD 27	A9924684
VR33484A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504345	7099909	NAD 27	A9924684
VR33485A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504345	7100309	NAD 27	A9924684
VR33486A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504345	7100909	NAD 27	A9924684
VR33487A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504345	7101309	NAD 27	A9924684
VR33488A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504245	7099909	NAD 27	A9924684
VR33489A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504245	7100309	NAD 27	A9924684
VR33490A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504245	7100909	NAD 27	A9924684
VR33491A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504245	7101309	NAD 27	A9924684
VR33492A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504145	7099909	NAD 27	A9924684
VR33493A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504145	7100309	NAD 27	A9924684
VR33494A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504145	7101309	NAD 27	A9924684
VR33495A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504045	7099909	NAD 27	A9924684
VR33496A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504045	7100309	NAD 27	A9924684
VR33497A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504045	7100909	NAD 27	A9924684
VR33498A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	504045	7101059	NAD 27	A9924684
VR33499A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503945	7099909	NAD 27	A9924684
VR33500A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503945	7100309	NAD 27	A9924684
VR34331A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503945	7101059	NAD 27	A9924684
VR34332A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503845	7099909	NAD 27	A9924684
VR34333A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503845	7100309	NAD 27	A9924684
VR34334A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503845	7101059	NAD 27	A9924684
VR34335A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503745	7099909	NAD 27	A9924684
VR34336A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503745	7100309	NAD 27	A9924684
VR34337A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503745	7101059	NAD 27	A9924684
VR34338A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503645	7101059	NAD 27	A9924684
VR34339A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503545	7099909	NAD 27	A9924684
VR34340A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503545	7100309	NAD 27	A9924684
VR34341A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503545	7101059	NAD 27	A9924684
VR34342A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503445	7099909	NAD 27	A9924684
VR34343A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503445	7100309	NAD 27	A9924684
VR34344A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503445	7101059	NAD 27	A9924684
VR34345A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503345	7099909	NAD 27	A9924684
VR34346A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503345	7100309	NAD 27	A9924684
VR34347A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503345	7101059	NAD 27	A9924684
VR34348A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503245	7099909	NAD 27	A9924684
VR34349A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503245	7100309	NAD 27	A9924684
VR34350A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503245	7101059	NAD 27	A9924684

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR33480A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33481A		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33482A		-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33483A		12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33484A		11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33485A		8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33486A		-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33487A		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33488A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33489A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33490A		7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33491A		15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33492A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33493A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33494A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33495A		11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33496A		7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33497A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33498A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33499A		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR33500A		16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34331A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34332A		10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34333A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34334A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34335A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34336A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34337A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34338A		7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34339A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34340A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34341A		-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34342A		-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34343A		13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34344A		8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34345A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34346A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34347A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34348A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34349A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34350A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR33480A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33481A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33482A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33483A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33484A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33485A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33486A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33487A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33488A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33489A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33490A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33491A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33492A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33493A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33494A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33495A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33496A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33497A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33498A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33499A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR33500A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34331A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34332A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34333A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34334A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34335A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34336A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34337A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34338A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34339A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34340A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34341A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34342A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34343A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34344A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34345A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34346A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34347A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34348A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34349A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34350A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR34351A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503145	7099909	NAD 27	A9924684
VR34352A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503145	7100309	NAD 27	A9924684
VR34353A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503145	7101059	NAD 27	A9924684
VR34354A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503045	7099909	NAD 27	A9924684
VR34355A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503045	7100309	NAD 27	A9924684
VR34356A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	503045	7101059	NAD 27	A9924684
VR34357A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502945	7099909	NAD 27	A9924684
VR34358A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502945	7100309	NAD 27	A9924684
VR34359A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502945	7101059	NAD 27	A9924684
VR34360A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502845	7099909	NAD 27	A9924684
VR34361A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502845	7100309	NAD 27	A9924684
VR34362A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502845	7101059	NAD 27	A9924684
VR34363A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502745	7099909	NAD 27	A9924684
VR34365A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502745	7101059	NAD 27	A9924684
VR34366A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502645	7100459	NAD 27	A9924684
VR34367A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502645	7100459	NAD 27	A9924684
VR34368A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502645	7100459	NAD 27	A9924684
VR34369A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502545	7099909	NAD 27	A9924684
VR34370A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502545	7100309	NAD 27	A9924684
VR34371A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502545	7101059	NAD 27	A9924684
VR34372A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502445	7099909	NAD 27	A9924684
VR34373A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502445	7100309	NAD 27	A9924684
VR34374A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502445	7101059	NAD 27	A9924684
VR34375A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502345	7100459	NAD 27	A9924684
VR34376A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502345	7100459	NAD 27	A9924684
VR34377A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	502345	7100459	NAD 27	A9924684
VR34378A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501887	7100612	NAD 27	A9924684
VR34379A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501887	7101012	NAD 27	A9924684
VR34380A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501887	7101612	NAD 27	A9924684
VR34381A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501787	7100612	NAD 27	A9924684
VR34382A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501787	7101012	NAD 27	A9924684
VR34383A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501787	7101612	NAD 27	A9924684
VR34384A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501687	7100612	NAD 27	A9924684
VR34385A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501687	7101012	NAD 27	A9924684
VR34386A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501687	7101612	NAD 27	A9924684
VR34387A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501587	7101012	NAD 27	A9924684
VR34388A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501587	7101612	NAD 27	A9924684
VR34389A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501487	7101012	NAD 27	A9924684
VR34390A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501487	7101612	NAD 27	A9924684
VR34391A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501387	7101012	NAD 27	A9924684
VR34392A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501387	7101612	NAD 27	A9924684

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR34351A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34352A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34353A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34354A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34355A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34356A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34357A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34358A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34359A		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34360A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34361A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34362A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34363A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34365A		10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34366A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34367A		-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34368A		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34369A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34370A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34371A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34372A		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34373A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34374A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34375A		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34376A		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34377A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34378A		-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34379A		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34380A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34381A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34382A		10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34383A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34384A		9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34385A		21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34386A		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34387A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34388A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34389A		7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34390A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34391A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34392A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR34351A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34352A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34353A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34354A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34355A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34356A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34357A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34358A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34359A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34360A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34361A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34362A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34363A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34365A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34366A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34367A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34368A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34369A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34370A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34371A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34372A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34373A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34374A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34375A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34376A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34377A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34378A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34379A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34380A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34381A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34382A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34383A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34384A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34385A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34386A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34387A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34388A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34389A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34390A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34391A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34392A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR34393A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501287	7101012	NAD 27	A9924684
VR34394A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501287	7101612	NAD 27	A9924684
VR34395A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501187	7101012	NAD 27	A9924684
VR34396A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501187	7101612	NAD 27	A9924684
VR34397A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501187	7101962	NAD 27	A9924684
VR34398A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501087	7101612	NAD 27	A9924684
VR34399A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	501087	7101962	NAD 27	A9924684
VR34400A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	500987	7101612	NAD 27	A9924684
VR41117A	Sixty Mile	SL	FA/JB	19980912		fair sample	7	507848	7098340	NAD 27	A9831722
VR41118A	Sixty Mile	SL	FA/JB	19980912		good sample	7	507758	7098286	NAD 27	A9831722
VR41119A	Sixty Mile	SL	FA/JB	19980912		good sample	7	507657	7098330	NAD 27	A9831722
VR41120A	Sixty Mile	SL	FA/JB	19980912		good sample	7	507550	7098329	NAD 27	A9831722
VR41121A	Sixty Mile	SL	FA/JB	19980912		good sample	7	507448	7098424	NAD 27	A9831722
VR41122A	Sixty Mile	SL	FA/JB	19980912		Very wet, organic rich A plus B horizon; fair sample.	7	507320	7098515	NAD 27	A9831722
VR41123A	Sixty Mile	SL	FA/JB	19980912		good sample	7	507213	7098519	NAD 27	A9831722
VR41124A	Sixty Mile	SL	FA/JB	19980912		good sample	7	507145	7098509	NAD 27	A9831722
VR41125A	Sixty Mile	SL	FA/JB	19980912		good sample	7	507065	7098513	NAD 27	A9831722
VR41126A	Sixty Mile	SL	FAJH	19980914		Fine grained QTZ poor DIO - Carmacks age < LIM altered; good sample.	7	512255	7098115	NAD 27	A9831722
VR41127A	Sixty Mile	SL	FA/JH	19980914		Good soil; LIM altered phenos in dark GY granular groundmass.	7	512045	7098144	NAD 27	A9831722
VR41128A	Sixty Mile	SL	FA/JH	19980914		Duplicate of VR41127.	7	512045	7098144	NAD 27	A9831722
VR41129A	Sixty Mile	SL	FA/JH	19980914		Fair sample; on a level area above valley, possibly placer bench.	7	511873	7098168	NAD 27	A9831722
VR41130A	Sixty Mile	SL	FA/JH	19980914		Good sample; may still be on a bench; no OXI in rock chips.	7	511685	7098150	NAD 27	A9831722
VR41131A	Sixty Mile	SL	FA/JH	19980914		Fair sample; rounded pebbles - alluvium.	7	511514	7098122	NAD 27	A9831722
VR41132A	Sixty Mile	SL	FA/JH	19980914		Fair sample; rounded pebbles, Carmacks volcanics; alluvium?	7	511347	7098077	NAD 27	A9831722
VR41133A	Sixty Mile	SL	FA/JH	19980914		Good sample; Carmacks age volcanics; weak alteration of rock.	7	511162	7098119	NAD 27	A9831722
VR41134A	Sixty Mile	SL	FA/JH	19980914		good sample	7	510955	7098123	NAD 27	A9831722
VR41135A	Sixty Mile	SL	FA/JH	19980914		Good sample; SLC felsic volcanic with strong FEX of phenocrysts or lapilli.	7	510766	7097959	NAD 27	A9831722
VR41136A	Sixty Mile	SL	FA/JH	19980914		Good sample; ash to lapilli tuff?	7	510790	7097754	NAD 27	A9831722
VR41137A	Sixty Mile	SL	FA/JH	19980914		Good sample; steep south facing slope; rock chips are rounded-weathering effect.	7	510757	7097541	NAD 27	A9831722
VR41138A	Sixty Mile	SL	FA/JH	19980914		good sample	7	510781	7097369	NAD 27	A9831722
VR41139A	Sixty Mile	SL	FA/JH	19980914		Fair sample; lots of talus.	7	510834	7097166	NAD 27	A9831722
VR41140A	Sixty Mile	SL	FA/JH	19980914		Good sample; rock type is MAF at lower elevation.	7	511041	7097079	NAD 27	A9831722
VR41171A	Sixty Mile	SL	RZ	19990605		DUG UP NEXT TO ANDESITE O/C	7	512229	7098902	NAD 27	A9919803
VR41172A	Sixty Mile	SL	RZ	19990610		RARE ROUNDED QTZ PEBBLES	7	508930	7096105	NAD 27	A9920323

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR34393A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34394A		8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34395A		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34396A		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34397A		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34398A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34399A		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR34400A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR41117A		-5	106	0	0.2	1.49	0	350	-0.5	-2	0.15	-0.5	12	29	55	3.56	-10	0	-1	0.1	30	0.26	690	1
VR41118A		-5	88	0	0.2	1.84	0	450	0.5	-2	0.39	-0.5	10	30	37	3.18	-10	0	-1	0.1	20	0.38	425	-1
VR41119A		15	196	0	-0.2	1.66	0	300	-0.5	-2	0.26	-0.5	10	31	32	3.12	-10	0	-1	0.08	20	0.47	425	-1
VR41120A		5	88	0	-0.2	1.5	0	300	0.5	-2	0.09	-0.5	11	19	22	3.59	-10	0	-1	0.13	50	0.28	225	-1
VR41121A		-5	32	0	-0.2	0.98	0	290	-0.5	-2	0.25	-0.5	7	11	12	2.22	-10	0	-1	0.13	50	0.28	155	-1
VR41122A		-5	36	0	-0.2	2.18	0	350	-0.5	-2	0.4	-0.5	14	35	31	2.98	-10	0	-1	0.07	10	0.48	640	-1
VR41123A		10	16	0	-0.2	1.97	0	250	-0.5	-2	0.36	-0.5	10	34	23	2.78	-10	0	-1	0.07	20	0.54	370	-1
VR41124A		5	34	0	-0.2	2.19	0	300	-0.5	-2	0.29	-0.5	10	37	25	2.99	-10	0	-1	0.07	10	0.52	290	-1
VR41125A		-5	30	0	-0.2	1.49	0	230	-0.5	-2	0.28	-0.5	7	28	20	2.46	-10	0	-1	0.06	20	0.43	220	1
VR41126A		-5	-2	0	-0.2	1.91	0	400	0.5	-2	0.73	-0.5	7	23	14	2.97	-10	0	-1	0.09	20	0.42	550	-1
VR41127A		-5	12	0	-0.2	2.06	0	380	0.5	-2	0.55	-0.5	6	17	7	2.44	-10	0	-1	0.09	20	0.36	365	-1
VR41128A		-5	6	0	-0.2	2.38	0	430	1	-2	0.61	-0.5	7	19	8	2.74	-10	0	-1	0.1	20	0.41	450	-1
VR41129A		-5	2	0	-0.2	2.22	0	250	0.5	-2	0.38	-0.5	10	42	17	3.42	-10	0	-1	0.05	20	0.53	400	-1
VR41130A		-5	2	0	-0.2	3.04	0	780	0.5	-2	0.61	-0.5	13	52	21	3.67	-10	0	-1	0.05	20	1.2	445	-1
VR41131A		-5	-2	0	-0.2	2.32	0	280	0.5	-2	0.45	-0.5	8	36	15	2.74	-10	0	-1	0.04	10	0.63	310	-1
VR41132A		-5	6	0	-0.2	3.15	0	240	0.5	-2	0.53	-0.5	11	58	16	3.42	-10	0	-1	0.05	10	1.05	580	-1
VR41133A		5	8	0	-0.2	1.77	0	350	0.5	-2	0.37	-0.5	8	32	16	2.61	-10	0	-1	0.04	20	0.49	345	-1
VR41134A		-5	6	0	-0.2	2.25	0	220	-0.5	-2	0.13	-0.5	6	26	14	2.83	-10	0	-1	0.04	-10	0.33	290	-1
VR41135A		5	10	0	-0.2	2.96	0	230	0.5	-2	0.13	-0.5	9	35	16	4.34	-10	0	-1	0.04	10	0.36	340	-1
VR41136A		-5	8	0	-0.2	1.98	0	230	-0.5	-2	0.17	-0.5	5	23	12	2.72	-10	0	-1	0.05	10	0.28	240	-1
VR41137A		-5	10	0	-0.2	2.09	0	280	-0.5	-2	0.26	-0.5	8	23	11	2.58	-10	0	-1	0.06	10	0.32	770	-1
VR41138A		-5	8	0	-0.2	1.46	0	330	-0.5	-2	0.29	-0.5	8	20	9	2.29	-10	0	-1	0.06	10	0.31	865	-1
VR41139A		-5	-2	0	-0.2	1.46	0	210	-0.5	-2	0.25	-0.5	5	18	8	2.13	-10	0	-1	0.07	10	0.26	230	-1
VR41140A		-5	14	0	-0.2	1.91	0	500	0.5	-2	0.72	-0.5	10	29	19	2.4	-10	0	-1	0.08	20	0.37	490	-1
VR41171A		3	7.2	0	0.1	0.65	-10	620	1.55	0.1	3.82	0.26	8.6	1	10.2	3.74	1.7	-0.1	-0.01	0.09	30	0.1	1270	7.2
VR41172A		62	15.4	0	0.14	1.03	-10	230	0.45	0.27	0.16	0.1	6.8	17	10.8	1.76	2.4	-0.1	0.03	0.08	-10	0.24	210	1

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR34393A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34394A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34395A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34396A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34397A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34398A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34399A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR34400A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR41117A	-0.01	60	310	16	0	-2	5	29	0	0.02	-10	-10	52	-10	134	F	
VR41118A	0.02	35	200	16	0	-2	6	42	0	0.04	-10	-10	48	-10	70	F	
VR41119A	-0.01	30	190	10	0	-2	5	34	0	0.06	-10	-10	46	-10	80	F	
VR41120A	-0.01	16	300	30	0	-2	3	29	0	-0.01	-10	-10	24	-10	90	F	
VR41121A	-0.01	14	530	18	0	-2	3	31	0	-0.01	-10	-10	11	-10	58	F	
VR41122A	-0.01	24	530	14	0	-2	6	44	0	0.08	-10	-10	53	-10	92	F	
VR41123A	-0.01	19	390	10	0	-2	5	39	0	0.1	-10	-10	56	-10	64	F	
VR41124A	-0.01	19	320	10	0	-2	5	36	0	0.09	-10	-10	60	-10	62	F	
VR41125A	-0.01	15	390	8	0	-2	4	40	0	0.09	-10	-10	48	-10	50	F	
VR41126A	-0.01	12	520	14	0	-2	6	69	0	0.04	-10	-10	52	-10	82	F	
VR41127A	-0.01	8	480	8	0	-2	4	57	0	-0.01	-10	-10	42	-10	52	F	
VR41128A	-0.01	9	530	8	0	2	5	63	0	-0.01	-10	-10	46	-10	54	T	
VR41129A	-0.01	20	420	8	0	-2	7	45	0	0.06	-10	-10	64	-10	56	F	
VR41130A	-0.01	19	570	6	0	-2	11	72	0	0.09	-10	-10	87	-10	72	F	
VR41131A	-0.01	13	320	8	0	-2	6	43	0	0.07	-10	-10	62	-10	52	F	
VR41132A	-0.01	15	600	4	0	-2	7	65	0	0.06	-10	-10	77	-10	64	F	
VR41133A	-0.01	15	310	8	0	-2	5	40	0	0.11	-10	-10	56	-10	60	F	
VR41134A	-0.01	13	240	6	0	2	3	17	0	0.08	-10	-10	56	-10	52	F	
VR41135A	-0.01	15	340	22	0	-2	5	18	0	0.11	-10	-10	91	-10	108	F	
VR41136A	-0.01	10	210	24	0	-2	3	20	0	0.09	-10	-10	64	-10	66	F	
VR41137A	0.02	11	430	8	0	-2	3	27	0	0.06	-10	-10	51	-10	78	F	
VR41138A	-0.01	10	320	10	0	-2	3	31	0	0.05	-10	-10	45	-10	76	F	
VR41139A	-0.01	9	230	12	0	2	2	26	0	0.06	-10	-10	44	-10	62	F	
VR41140A	-0.01	15	520	18	0	-2	7	59	0	0.06	-10	-10	47	-10	82	F	
VR41171A	0.01	5	620	20	0.38	0.2	3	82	0.4	-0.01	0.06	0.85	7	0.05	46	F	
VR41172A	-0.01	10	220	50	-0.01	2	1	21	-0.05	0.02	0.06	0.5	33	0.1	42	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR41173A	Sixty Mile	SL	RZ	19990610		POORLY DEVELOPED B HORIZON; SUBCROP BELOW (B-C)	7	508729	7096104	NAD 27	A9920323
VR41174A	Sixty Mile	SL	RZ	19990610	GOOD	ASH LAYER IS PRESENT: SAMPLE TAKEN BENEATH THE ASH LAYER. FAIR-GOOD QUALITY SAMPLE.	7	508525	7096020	NAD 27	A9920323
VR41175A	Sixty Mile	SL	RZ	19990610	GOOD	HIT FROZEN GROUND TAKING SAMPLE. FAIR - GOOD SAMPLE QUALITY.	7	508323	7095994	NAD 27	A9920323
VR41176A	Sixty Mile	SL	RZ	19990610	MOD	FAIR SAMPLE QUALITY, TAKEN FROM B-C HORIZON. ABOVE OR ADJACENT TO ANDESITE. FROZEN GROUND.	7	508145	7095977	NAD 27	A9920323
VR41177A	Sixty Mile	SL	RZ	19990610	GOOD	GOOD SAMPLE	7	507943	7095938	NAD 27	A9920323
VR41178A	Sixty Mile	SL	RZ	19990610	GOOD	GOOD SAMPLE	7	507739	7095904	NAD 27	A9920323
VR41179A	Sixty Mile	SL	RZ	19990610	GOOD	GOOD SAMPLE TAKEN FROM FROZEN GROUND.	7	507567	7095796	NAD 27	A9920323
VR41180A	Sixty Mile	SL	RZ	19990610	GOOD	FAIR TO GOOD SAMPLE TAKEN FROM FROZEN GROUND.	7	507361	7095779	NAD 27	A9920323
VR41182A	Sixty Mile	SL	RZ	19990613		SAME STATION AS L103 - N2800 (4ppm Bi). CONFIRMATION SAMPLE - MADRONA'S GROUND.	7	506066	7101752	NAD 27	A9920797
VR41183A	Sixty Mile	SL	RZ	19990613		GRID CONFIRMATION OF L103W - 2600N (4.5 ppm Bi). SAMPLE TAKEN WITHIN TREND OF HIGH Bi ANOMALY.	7	506082	7101547	NAD 27	A9920797
VR41184A	Sixty Mile	SL	RZ	19990613		SAMPLE TAKEN APRROXIMATELY 10 METERS FROM L107W 2400N. SAMPLE IS MARKED AS BEING TAKEN WITHIN THE B AND C HORIZONS.	7	505689	7101300	NAD 27	A9920797
VR41185A	Sixty Mile	SL	RZ	19990613	POOR	POOR SAMPLE QUALITY, TAKEN FROM FROZEN GROUND. SAMPLE IS MARKED AS HAVING BEEN TAKEN FROM BOTH THE A AND B HORIZONS.	7	505649	7101453	NAD 27	A9920797
VR41186A	Sixty Mile	SL	RZ	19990613		Card not completely filled out	7	505540	7101638	NAD 27	A9920797
VR41187A	Sixty Mile	SL	RZ	19990613			7	505532	7101811	NAD 27	A9920797
VR41188A	Sixty Mile	SL	RZ	19990613		SAMPLE TAKEN AT TREE LINE.	7	505488	7102033	NAD 27	A9920797
VR41189A	Sixty Mile	SL	RZ	19990613		SAMPLE TAKEN FROM FROZEN GROUND.	7	505427	7102215	NAD 27	A9920797
VR41190A	Sixty Mile	SL	RZ	19990613			7	505402	7102391	NAD 27	A9920797
VR41191A	Sixty Mile	SL	RZ	19990613		SAMPLE TAKEN ALONG OLD GAME OR COW TRAIL. SAMPLE LOCATION IS COINCIDENT WITH THE OLD STATION 110W 3450N. MADRONA GROUND.	7	505305	7102509	NAD 27	A9920797
VR41192A	Sixty Mile	SL	RZ	19990613		SAMPLE TAKEN ALONG RIDGE TOP IN FROZEN GROUND. COINCIDENT WITH L110W 3650N. MADRONA. SAMPLE TAKEN AT A - B HORIZON.	7	505288	7102697	NAD 27	A9920797
VR41193A	Sixty Mile	SL	RZ	19990614	GOOD	GOOD SAMPLE. TAKEN ON TOP OF RIDGE.	7	505456	7102832	NAD 27	A9920800
VR41194A	Sixty Mile	SL	RZ	19990614	GOOD	GOOD SAMPLE.	7	505674	7102830	NAD 27	A9920800
VR41195A	Sixty Mile	SL	RZ	19990614	MOD	FAIR SAMPLE, TAKEN ON RIDGE. SAMPLE TAKEN APPROXIMATELY 10 M FROM L104W 3650N. SAMPLE IS MARKED AS BEING TAKEN AT BOTH THE A AND B HORIZONS.	7	505848	7102756	NAD 27	A9920800
VR41196A	Sixty Mile	SL	RZ	19990614	POOR	POOR SAMPLE. SAMPLE TAKEN FROM NORTH SIDE OF ROAD ON RIDGE.	7	506034	7102668	NAD 27	A9920800
VR41197A	Sixty Mile	SL	RZ	19990614	GOOD	GOOD SAMPLE TAKEN FROM THE SOUTH SIDE OF THE ROAD ON THE RIDGE.	7	506222	7102573	NAD 27	A9920800

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR41173A		17	5.4	0	0.06	2.36	-10	1270	1.15	0.06	0.59	0.1	13.6	26	9.6	5.83	5.4	0.1	0.01	0.05	30	0.4	800	1
VR41174A		3	5.8	0	0.04	1.67	-10	190	0.3	0.16	0.19	0.14	6.8	24	8.4	2.89	6	-0.1	0.04	0.04	-10	0.24	410	1
VR41175A		-1	3.2	0	-0.02	3.57	-10	560	0.7	0.05	0.5	0.06	12.4	18	8.4	3.97	8.9	-0.1	0.01	0.03	-10	1.24	785	1.4
VR41176A		2	3.4	0	0.06	1.62	-10	650	0.55	0.12	0.42	0.1	5.6	20	12.2	2.31	4.2	-0.1	0.06	0.03	10	0.2	280	0.6
VR41177A		2	8.6	0	0.02	2.15	-10	240	0.4	0.13	0.22	0.08	7.8	30	13.6	3.09	5.9	-0.1	0.04	0.03	10	0.6	360	0.8
VR41178A		2	6.8	0	0.02	2.3	-10	250	0.5	0.15	0.16	0.12	9.6	28	13.8	3.42	5.5	-0.1	0.04	0.04	-10	0.36	555	0.8
VR41179A		-1	7.6	0	0.06	2.99	-10	260	0.5	0.15	0.21	0.06	8.2	29	12.4	3.27	6.9	-0.1	0.03	0.03	10	0.49	260	0.8
VR41180A		2	6	0	0.04	2.08	-10	220	0.35	0.12	0.25	0.06	7.2	35	15.6	2.63	4.8	-0.1	0.03	0.03	10	0.62	235	0.6
VR41182A		9	22.8	0	0.08	2.35	-10	210	0.3	0.2	0.15	0.12	10.4	75	27	3.13	6.3	-0.1	0.01	0.05	-10	0.88	250	1.2
VR41183A		5	16	0	0.26	2.1	-10	360	0.35	0.18	0.36	0.16	9.8	81	24.6	2.85	5.5	-0.1	0.06	0.05	10	0.93	270	1.4
VR41184A		3	56.6	0	0.48	2.31	-10	420	0.4	0.21	0.58	0.3	13.2	97	45.2	3.18	5.8	-0.1	0.04	0.06	10	1.09	615	1.6
VR41185A		3	25	0	0.46	2.25	-10	330	0.25	0.14	0.98	0.2	12	107	41.8	2.55	5.2	-0.1	0.06	0.05	-10	1.08	385	1.2
VR41186A		2	67.2	0	0.84	2.67	-10	570	0.4	0.16	0.89	0.6	15.8	128	36.6	3.15	6.5	-0.1	0.05	0.09	10	1.57	630	3.2
VR41187A		2	8	0	0.56	4.25	-10	650	1.05	0.29	0.22	1.66	20.8	203	76.4	4.79	12.9	0.2	0.01	0.51	10	3.46	820	19.6
VR41188A		15	31.2	0	0.24	2.25	-10	210	0.5	0.22	0.11	0.4	10.8	66	23.4	3.24	6.5	-0.1	0.02	0.07	10	0.7	355	3.8
VR41189A		3	20.4	0	0.2	2	-10	190	0.4	0.24	0.14	0.28	7.4	43	20.4	3.05	7.2	-0.1	0.03	0.08	10	0.6	285	1.8
VR41190A		2	12.8	0	0.44	2.01	-10	130	0.4	0.29	0.11	0.26	6.4	50	18.6	3	7.6	-0.1	0.04	0.08	10	0.63	205	1.8
VR41191A		2	22	0	0.26	2.3	-10	250	0.45	0.22	0.17	0.28	14.2	74	43	3.18	6.6	-0.1	0.03	0.07	10	0.88	460	2.2
VR41192A		2	6.6	0	0.08	1.62	-10	290	0.55	0.56	0.12	0.08	7	26	13	2.77	4.2	-0.1	0.04	0.05	-10	0.34	340	1.8
VR41193A		3	10.2	0	0.56	2.09	-10	230	0.6	0.24	0.12	0.56	11.6	33	39.2	3.15	5	-0.1	0.06	0.08	10	0.59	510	2
VR41194A		-1	30.4	0	0.22	2.51	-10	180	0.6	0.26	0.2	0.32	11.2	87	27.2	3.14	6.8	-0.1	0.03	0.12	10	1.19	350	3.8
VR41195A		-1	3.2	0	0.06	0.43	-10	30	0.05	0.07	0.06	0.02	1	6	4.6	0.75	2.3	-0.1	0.02	0.02	-10	0.05	30	0.4
VR41196A		-1	16.6	0	0.16	1.55	-10	140	0.4	0.25	0.09	0.26	6.4	30	17	2.73	5.4	-0.1	0.03	0.09	10	0.36	280	2.2
VR41197A		-1	29.8	0	0.3	2.69	-10	180	0.5	0.19	0.11	0.36	10.8	35	37.4	3.18	5.1	-0.1	0.04	0.07	10	0.58	265	1.2

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR41173A	0.01	10	1490	16	0.01	0.7	20	47	-0.05	0.01	0.02	0.6	145	-0.05	90	F	
VR41174A	-0.01	7	280	14	-0.01	0.3	3	19	-0.05	0.05	0.4	0.35	76	0.15	44	F	
VR41175A	-0.01	6	910	8	-0.01	0.3	10	47	-0.05	-0.01	0.06	0.25	109	0.05	28	F	
VR41176A	0.01	8	390	10	0.03	0.3	7	32	-0.05	0.04	0.08	0.8	54	0.2	32	F	
VR41177A	-0.01	15	300	10	-0.01	0.5	5	22	-0.05	0.06	0.06	0.45	67	0.1	46	F	
VR41178A	-0.01	15	450	12	0.01	0.3	5	18	-0.05	0.05	0.14	0.45	83	0.35	58	F	
VR41179A	-0.01	16	370	12	0.01	0.3	6	25	-0.05	0.06	0.08	0.45	80	0.15	48	F	
VR41180A	0.01	17	310	10	0.01	0.3	5	28	-0.05	0.06	0.06	0.6	61	0.05	52	F	
VR41182A	0.01	29	170	10	0.01	0.4	4	17	-0.05	0.08	0.1	0.45	77	0.25	58	F	
VR41183A	0.02	30	410	12	0.01	0.4	5	26	-0.05	0.08	0.1	0.75	68	0.2	74	F	
VR41184A	0.01	44	590	8	0.04	0.4	7	30	0.05	0.05	0.12	2.05	68	0.25	100	F	
VR41185A	0.02	41	570	8	0.06	0.3	4	37	-0.05	0.06	0.08	1.4	62	0.2	62	F	
VR41186A	0.03	66	580	12	0.07	0.2	7	40	-0.05	0.06	0.14	2.05	97	0.25	102	F	
VR41187A	0.03	106	850	22	0.36	0.2	12	37	0.1	0.13	0.54	2.55	219	0.5	302	F	
VR41188A	0.01	34	260	16	0.01	1.6	4	15	-0.05	0.07	0.2	0.75	72	0.2	86	F	
VR41189A	0.01	20	350	8	0.02	0.4	3	18	-0.05	0.07	0.18	0.85	64	0.2	70	F	
VR41190A	0.01	20	330	10	0.02	0.4	3	14	-0.05	0.09	0.2	0.65	74	0.25	60	F	
VR41191A	0.01	38	460	12	0.02	0.4	4	16	-0.05	0.07	0.18	0.85	70	0.2	80	F	
VR41192A	0.01	15	670	12	0.04	0.3	2	22	-0.05	0.01	0.08	0.5	43	0.15	42	F	
VR41193A	0.01	33	460	12	0.05	0.5	3	15	0.05	0.06	0.16	1.6	59	0.2	78	F	
VR41194A	0.01	53	530	26	0.03	0.3	5	17	-0.05	0.09	0.36	1	83	0.3	122	F	
VR41195A	0.03	1	220	4	0.02	-0.1	-1	9	-0.05	0.03	0.06	0.3	15	0.05	10	F	
VR41196A	0.01	21	320	20	0.02	0.5	1	11	-0.05	0.05	0.18	0.8	51	0.15	60	F	
VR41197A	-0.01	29	300	10	0.04	0.5	4	14	-0.05	0.07	0.14	0.75	54	0.2	70	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR41198A	Sixty Mile	SL	RZ	19990614	GOOD	GOOD SAMPLE TAKEN ON THE SOUTH SIDE OF THE ROAD.	7	506393	7102494	NAD 27	A9920800
VR41199A	Sixty Mile	SL	RZ	19990614		SAMPLE IS MARKED AS BEING TAKEN AT BOTH THE B AND C HORIZONS. FROM SOUTH SIDE OF ROAD ON RIDGE.	7	506557	7102392	NAD 27	A9920800
VR41200A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN FROM NORTH SIDE OF ROAD ON RIDGE.	7	506710	7102318	NAD 27	A9920800
VR42462A	Sixty Mile	SL	RZ	19990614	GOOD	SAMPLE TAKEN FROM THE NORTH SIDE OF THE ROAD. GOOD QUALITY SAMPLE.	7	506900	7102333	NAD 27	A9920800
VR42463A	Sixty Mile	SL	KW	19990614		SAMPLE TAKEN AT THE EDGE OF OUTCROP RZ-80.	7	507119	7102311	NAD 27	A9920800
VR42464A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN FROM THE SOUTH SIDE OF THE ROAD ON THE RIDGE.	7	507302	7102227	NAD 27	A9920800
VR42465A	Sixty Mile	SL	RZ	19990614			7	507481	7102217	NAD 27	A9920800
VR42466A	Sixty Mile	SL	RZ	19990614		SAMPLE IS MARKED AS BEING TAKEN AT BOTH THE B AND C HORIZONS.	7	507670	7102209	NAD 27	A9920800
VR42467A	Sixty Mile	SL	RZ	19990614		SAMPLE IS MARKED AS BEING TAKEN AT BOTH THE B AND C HORIZONS. TAKEN FROM SOUTH SIDE OF THE ROAD.	7	507845	7102098	NAD 27	A9920800
VR42468A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN ON THE SOUTH SIDE OF THE ROAD.	7	508026	7102060	NAD 27	A9920800
VR42469A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN FROM THE NORTH SIDE OF THE ROAD.	7	508225	7101968	NAD 27	A9920800
VR42470A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN FROM THE NORTH SIDE OF THE ROAD.	7	508362	7101850	NAD 27	A9920800
VR42471A	Sixty Mile	SL	RZ	19990614		DUPLICATE OF VR42470.	7	508363	7101850	NAD 27	A9920797
VR42472A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN ON THE NORTH SIDE OF THE ROAD.	7	508599	7101761	NAD 27	A9920797
VR42473A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN ON THE NORTH SIDE OF THE ROAD.	7	508731	7101661	NAD 27	A9920797
VR42474A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN ON THE NORTH SIDE OF THE ROAD JUST ABOVE A FROZEN LAYER OF GROUND.	7	508928	7101560	NAD 27	A9920797
VR42475A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN ON THE SOUTH SIDE OF THE ROAD WITHIN FROZEN GROUND.	7	509058	7101422	NAD 27	A9920797
VR42476A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN ON THE SOUTH SIDE OF THE ROAD.	7	509187	7101273	NAD 27	A9920797
VR42477A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN ON THE NORTH SIDE OF THE ROAD.	7	509359	7101188	NAD 27	A9920797
VR42478A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN FROM THE SOUTH SIDE OF THE ROAD.	7	509552	7101054	NAD 27	A9920797
VR42479A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN FROM THE SOUTH SIDE OF THE ROAD.	7	509754	7100959	NAD 27	A9920797
VR42480A	Sixty Mile	SL	RZ	19990614		SAMPLES TAKEN FROM THE SOUTH SIDE OF THE ROAD.	7	509928	7100873	NAD 27	A9920797
VR42481A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN FROM THE SOUTH SIDE OF THE ROAD.	7	510077	7100773	NAD 27	A9920797
VR42487A	Sixty Mile	SL	RZ	19990614		SAMPLE IS MARKED AS BEING TAKEN FROM BOTH THE B AND C HORIZONS. SAMPLE TAKEN FROM THE SOUTH SIDE OF THE ROAD.	7	511145	7100200	NAD 27	A9920797
VR42488A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN FROM THE NORTH SIDE OF THE ROAD.	7	511325	7100099	NAD 27	A9920797
VR42489A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN FROM THE NORTH SIDE OF THE ROAD WITH FROZEN GROUND BELOW THE SAMPLE.	7	511503	7100017	NAD 27	A9920797
VR42490A	Sixty Mile	SL	RZ	19990614		SAMPLE TAKEN FROM THE NORTH SIDE OF THE ROAD WITH FROZEN GROUND BENEATH THE SAMPLE.	7	511634	7099874	NAD 27	A9920797

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR41198A		2	34.4	0	0.56	1.43	-10	310	0.4	0.31	0.04	0.32	3.6	26	46.6	4.94	6	0.1	0.02	0.18	30	0.47	205	5.2
VR41199A		3	78	0	0.52	1.52	-10	340	0.45	0.53	0.07	0.2	9.6	29	62.1	3.7	4.5	0.1	0.03	0.19	30	0.66	775	3
VR41200A		-1	9.8	0	0.3	1.5	-10	300	0.4	0.18	0.18	0.16	9.2	31	36	2.95	4.2	-0.1	0.03	0.06	10	0.48	335	2.4
VR42462A		-1	10.4	0	0.08	2.98	-10	380	0.45	0.15	0.13	0.16	12.4	83	21	3.94	8.2	-0.1	0.01	0.21	10	1.08	470	1.2
VR42463A		2	12.2	0	0.18	1.34	-10	150	0.3	0.18	0.06	0.18	7	32	32.4	2.6	4.3	-0.1	0.04	0.05	10	0.34	275	1.4
VR42464A		3	12	0	0.34	1.66	-10	150	0.35	0.21	0.06	0.12	5	23	28.4	2.42	4.1	-0.1	0.07	0.06	10	0.38	175	2.8
VR42465A		2	12	0	0.2	2.24	-10	150	0.35	0.21	0.07	0.16	6	34	20.2	2.97	6.1	-0.1	0.02	0.04	10	0.32	210	1.4
VR42466A		-1	7	0	0.8	2.15	-10	200	0.45	0.24	0.06	0.36	8.6	27	38.4	3.43	5.9	-0.1	0.05	0.04	10	0.22	275	2
VR42467A		2	18	0	0.68	2.7	-10	140	0.45	0.22	0.07	0.54	8	33	33.4	3.86	6.2	-0.1	0.04	0.04	10	0.31	225	2.6
VR42468A		-1	43.8	0	0.44	3.18	-10	170	0.8	0.27	0.04	0.28	17	48	75.4	4.68	8	0.1	0.02	0.09	10	0.97	1050	4.2
VR42469A		5	50.2	0	0.42	1.94	-10	260	0.5	0.21	0.14	0.2	10.2	25	33.8	3.6	5.7	-0.1	0.05	0.04	10	0.28	1185	0.8
VR42470A		3	37.6	0	0.72	2.62	-10	250	0.45	0.21	0.07	0.28	8.2	37	21.6	3.49	6.3	-0.1	0.04	0.04	-10	0.42	245	1.6
VR42471A		4	47.6	0	1	2.19	-10	180	0.25	0.22	0.06	0.26	6.2	33	16.8	3.43	7.3	-0.1	0.03	0.03	-10	0.31	195	1.6
VR42472A		4	23.6	0	1.14	1.32	-10	950	0.3	0.22	0.2	2.34	9.4	32	74.3	3.4	3.8	-0.1	0.03	0.05	10	0.37	370	7.4
VR42473A		45	21.2	0	1.42	1.72	-10	210	0.3	0.19	0.18	0.22	6.4	24	24	2.67	5.3	-0.1	0.07	0.03	10	0.19	450	1.4
VR42474A		2	7.4	0	0.1	0.53	-10	60	0.05	0.07	0.04	0.06	1.2	8	5.8	0.74	2.3	-0.1	0.01	0.03	-10	0.07	35	0.2
VR42475A		4	18	0	0.16	1.87	-10	230	0.35	0.18	0.27	0.12	6.4	32	22.6	2.45	5.3	-0.1	0.04	0.05	10	0.4	175	0.8
VR42476A		6	17.4	0	0.26	1.92	-10	340	0.45	0.17	0.38	0.06	6.6	38	30.2	2.88	5.4	-0.1	0.04	0.05	10	0.49	165	0.8
VR42477A		4	38.8	0	0.16	1.34	-10	220	0.45	0.14	0.3	0.28	7.6	31	28.4	2.64	3.8	-0.1	0.03	0.07	20	0.37	250	0.8
VR42478A		7	13.2	0	0.16	1.98	-10	270	0.65	0.17	0.44	0.1	11.2	45	35.4	3.41	5.4	-0.1	0.05	0.06	10	0.62	430	1
VR42479A		2	10	0	0.06	2.2	-10	200	0.3	0.17	0.12	0.14	9.8	50	22	3.46	7.6	-0.1	0.01	0.07	10	0.58	375	1.2
VR42480A		3	25	0	0.1	1.55	-10	460	0.5	0.18	0.27	0.56	9.4	32	28.2	2.92	4.1	-0.1	0.04	0.05	10	0.43	310	2.8
VR42481A		3	7.2	0	0.02	2.5	-10	280	0.4	0.12	0.26	0.06	8.4	31	12.6	2.78	6.2	-0.1	0.01	0.04	10	0.63	225	0.6
VR42487A		-1	5.6	0	0.08	2.7	-10	200	0.65	0.12	0.36	0.06	6.2	26	13.8	2.21	7.1	-0.1	0.02	0.03	10	0.38	230	0.6
VR42488A		-1	4.8	0	0.1	1.86	-10	260	0.4	0.15	0.48	0.08	5.8	30	21.2	2.15	5	-0.1	0.1	0.04	10	0.52	180	0.4
VR42489A		6	7.4	0	0.14	1.92	-10	330	0.5	0.17	0.58	0.14	7.8	34	28.2	2.68	5.4	-0.1	0.06	0.05	10	0.55	295	0.6
VR42490A		2	9.2	0	0.14	1.66	-10	290	0.45	0.16	0.56	0.16	9.6	31	27	2.62	4.7	-0.1	0.04	0.06	10	0.56	315	0.6

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR41198A	0.01	13	590	12	0.25	0.3	1	17	0.15	0.05	0.18	2.05	66	0.15	100	F	
VR41199A	0.01	25	460	18	0.1	0.3	4	16	0.15	0.05	0.22	2.4	47	0.3	94	F	
VR41200A	0.01	25	430	10	0.01	0.5	5	21	-0.05	0.07	0.18	1.45	56	0.2	82	F	
VR42462A	0.01	21	380	12	-0.01	0.4	8	14	-0.05	0.12	0.16	0.8	93	0.2	66	F	
VR42463A	0.01	27	400	10	0.02	0.3	3	9	-0.05	0.05	0.12	0.9	49	0.2	58	F	
VR42464A	0.01	13	300	12	0.06	0.5	1	11	0.05	0.04	0.26	1.3	37	0.15	44	F	
VR42465A	0.01	15	360	12	0.01	0.5	3	11	-0.05	0.07	0.14	0.95	61	0.2	46	F	
VR42466A	0.01	33	360	14	0.02	0.4	3	11	0.05	0.04	0.16	1.15	57	0.15	118	F	
VR42467A	0.04	30	320	22	0.02	0.5	3	11	0.05	0.06	0.14	1.1	68	0.2	124	F	
VR42468A	-0.01	66	420	26	0.03	0.3	5	8	0.15	0.02	0.18	1.1	69	0.2	146	F	
VR42469A	0.01	28	250	48	-0.01	0.9	4	20	0.05	0.04	0.16	0.45	58	0.2	80	F	
VR42470A	0.01	26	270	12	0.01	0.5	4	10	-0.05	0.07	0.12	0.65	70	0.2	66	T	VR42471A
VR42471A	0.01	18	350	12	0.01	0.6	3	10	-0.05	0.06	0.1	0.45	76	0.2	60	T	VR42470A
VR42472A	0.01	47	830	58	0.05	0.9	3	34	0.05	0.06	0.12	2.9	59	0.3	324	F	
VR42473A	0.01	18	280	12	0.01	0.3	1	21	-0.05	0.04	0.14	0.7	48	0.2	58	F	
VR42474A	0.01	4	170	2	0.01	0.1	-1	8	-0.05	0.03	0.02	0.25	17	0.05	14	F	
VR42475A	0.01	14	350	10	-0.01	0.5	4	27	-0.05	0.07	0.08	0.75	47	0.25	56	F	
VR42476A	0.01	22	380	8	-0.01	0.6	6	34	-0.05	0.08	0.06	0.85	55	0.25	62	F	
VR42477A	0.01	21	430	18	-0.01	0.8	5	23	-0.05	0.07	0.1	0.95	44	0.4	120	F	
VR42478A	0.02	28	310	10	-0.01	0.6	9	30	-0.05	0.08	0.06	0.8	66	0.25	72	F	
VR42479A	0.01	16	280	10	-0.01	0.4	5	15	-0.05	0.08	0.08	0.55	72	0.15	52	F	
VR42480A	0.01	26	650	8	-0.01	2.5	5	23	-0.05	0.05	0.06	1.15	56	0.15	106	F	
VR42481A	0.01	16	190	8	-0.01	0.3	4	38	-0.05	0.06	0.06	0.5	59	0.1	52	F	
VR42487A	0.02	12	290	8	0.01	0.2	3	68	-0.05	0.07	0.06	0.6	50	0.2	42	F	
VR42488A	0.03	15	420	10	-0.01	0.4	4	46	-0.05	0.09	0.04	0.85	44	0.25	56	F	
VR42489A	0.03	21	590	6	0.01	0.5	5	54	-0.05	0.09	0.06	1.3	54	0.2	66	F	
VR42490A	0.03	21	650	12	0.01	0.5	5	44	-0.05	0.09	0.06	0.9	54	0.2	68	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR42491A	Sixty Mile	SL	RZ	19990616	POOR	POOR SAMPLE QUALITY. DACITE O/C APPROXIMATELY 20 M AWAY FROM SAMPLE LOCATION. SAMPLE IS MARKED AS HAVING BEEN TAKEN FROM BOTH THE A AND C HORIZONS.	7	505353	7102905	NAD 27	A9920800
VR42492A	Sixty Mile	SL	RZ	19990616			7	505406	7103091	NAD 27	A9920800
VR42493A	Sixty Mile	SL	RZ	19990616		DACITE FLOAT IN SAMPLE AREA.	7	505481	7103274	NAD 27	A9920800
VR42494A	Sixty Mile	SL	RZ	19990616		SAMPLE IS MARKED AS HAVING BEEN TAKEN FROM BOTH THE A AND C HORIZONS.	7	505558	7103435	NAD 27	A9920800
VR42495A	Sixty Mile	SL	RZ	19990616	POOR	SAMPLE IS MARKED AS HAVING BEEN TAKEN WITHIN BOTH THE A AND B HORIZONS. SAMPLE QUALITY IS POOR. SAMPLE TAKEN WITHIN DACITE TALUS.	7	505495	7103580	NAD 27	A9920800
VR42496A	Sixty Mile	SL	RZ	19990616		DACITE TALUS IS LOCATED 30 M TO THE SOUTH OF THE SAMPLE LOCATION.	7	505403	7103761	NAD 27	A9920800
VR42497A	Sixty Mile	SL	RZ	19990616			7	505108	7102601	NAD 27	A9920800
VR42498A	Sixty Mile	SL	RZ	19990616		SAMPLE TAKEN IN SADDLE.	7	504904	7102581	NAD 27	A9920800
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
VR42500A	Sixty Mile	SL	RZ	19990616	POOR	POOR SAMPLE QUALITY.	7	502960	7103140	NAD 27	A9920800
VR53141A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE	7	501540	7099130	NAD 27	A9831722
VR53142A	Sixty Mile	SL	JH/AD	19980910		FAIR SAMPLE	7	501660	7099066	NAD 27	A9831722
VR53143A	Sixty Mile	SL	JH/AD	19980910			7	501708	7098969	NAD 27	A9831722
VR53144A	Sixty Mile	SL	JH/AD	19980910		FAIR SAMPLE	7	501788	7098958	NAD 27	A9831722
VR53145A	Sixty Mile	SL	JH/AD	19980910		MUDDY ROCKY SOIL	7	501917	7098843	NAD 27	A9831722
VR53146A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE; BULL QUARTZ IN SCHIST	7	502038	7098760	NAD 27	A9831722
VR53147A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE	7	502136	7098705	NAD 27	A9831722
VR53148A	Sixty Mile	SL	JH/AD	19980910		DUPLICATE OF 53147	7	502105	7098685	NAD 27	A9831722
VR53149A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE	7	502271	7098605	NAD 27	A9831722
VR53150A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE	7	502396	7098531	NAD 27	A9831722
VR53151A	Sixty Mile	SL	JH/AD	19980910		FAIR SAMPLE	7	502531	7098440	NAD 27	A9831722
VR53152A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE	7	502715	7098356	NAD 27	A9831722
VR53153A	Sixty Mile	SL	JH/AD	19980910			7	502849	7098297	NAD 27	A9831722
VR53154A	Sixty Mile	SL	JH/AD	19980910		SOIL FLOW AREA; DEEP SOIL AND GRAVEL MIX	7	502960	7098227	NAD 27	A9831722
VR53155A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE	7	503114	7098171	NAD 27	A9831722
VR53156A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE	7	503255	7098058	NAD 27	A9831722
VR53157A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE	7	503431	7097990	NAD 27	A9831722
VR53158A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE; MILKY QUARTZ FRAGMENTS IN SOIL.	7	503522	7097856	NAD 27	A9831722
VR53159A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE; MICACEOUS	7	503646	7097801	NAD 27	A9831722
VR53160A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE: MICACEOUS SOIL	7	503784	7097737	NAD 27	A9831722
VR53161A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE	7	503940	7097643	NAD 27	A9831722
VR53162A	Sixty Mile	SL	JH/AD	19980910		RUSTY QUARTZ VEIN IN SCHIST	7	504043	7097555	NAD 27	A9831722
VR53163A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE	7	504227	7097432	NAD 27	A9831722

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR42491A		-1	12.4	0	0.12	1.09	-10	310	0.4	0.2	0.31	0.18	5.2	19	12.6	2.48	4	-0.1	0.11	0.07	-10	0.21	395	2.2
VR42492A		-1	9.8	0	0.06	2.04	-10	200	0.45	0.2	0.12	0.2	11.4	31	17.4	3.14	5.5	-0.1	0.04	0.07	-10	0.5	495	1.4
VR42493A		-1	9.2	0	0.06	2.61	-10	230	0.6	0.32	0.17	0.14	10.6	36	22.2	3.02	5.7	-0.1	0.01	0.07	10	0.66	485	1
VR42494A		3	10.8	0	0.08	2.51	-10	150	0.4	0.19	0.16	0.24	7.2	30	14.4	3.11	6.5	-0.1	0.06	0.05	-10	0.41	200	1.2
VR42495A		2	4.4	0	0.08	1.34	-10	120	0.3	0.1	0.23	0.14	5.6	20	10.8	1.9	4.5	-0.1	0.03	0.03	-10	0.3	390	0.8
VR42496A		6	6.2	0	0.06	2.09	-10	260	0.55	0.14	0.3	0.16	9.2	31	15.6	2.59	5.1	-0.1	0.05	0.05	10	0.56	470	0.8
VR42497A		2	14.6	0	0.2	2.52	-10	230	0.35	0.35	0.19	0.14	33.6	162	54	3.43	6.1	-0.1	0.02	0.05	-10	1.3	405	1.2
VR42498A		4	11.6	0	0.18	2.51	-10	360	0.9	0.18	0.2	0.18	9.8	32	20.8	3.26	4.8	-0.1	0.07	0.08	10	0.42	600	1.4
VR42499A		7	9	0	0.56	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
VR42500A		-1	3.6	0	0.06	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
VR53141A		15	40	0	-0.2	2.4	0	170	-0.5	-2	0.28	-0.5	11	33	26	3.19	-10	0	-1	0.08	10	0.6	360	-1
VR53142A		10	36	0	2.4	1.85	0	200	-0.5	-2	0.7	2.5	33	59	56	7.01	-10	0	-1	0.16	20	0.8	2950	1
VR53143A		15	2	0	0.2	1.77	0	120	-0.5	-2	0.3	-0.5	13	29	87	3.18	-10	0	-1	0.06	10	0.44	570	1
VR53144A		-5	8	0	0.2	1.16	0	180	-0.5	-2	0.15	-0.5	7	21	22	3.12	-10	0	-1	0.06	10	0.22	230	-1
VR53145A		-5	34	0	0.8	1.21	0	480	-0.5	-2	0.41	-0.5	15	22	60	3.58	-10	0	-1	0.07	10	0.25	1150	1
VR53146A		-5	22	0	0.2	1.88	0	260	-0.5	-2	0.25	-0.5	8	33	39	3.6	-10	0	-1	0.07	10	0.41	290	3
VR53147A		-5	12	0	0.4	2.27	0	350	-0.5	-2	0.32	-0.5	9	39	38	3.42	-10	0	-1	0.07	10	0.55	275	1
VR53148A		-5	16	0	0.2	2.2	0	360	-0.5	-2	0.32	-0.5	10	37	38	3.36	-10	0	-1	0.07	10	0.54	290	1
VR53149A		5	10	0	0.2	2.46	0	200	-0.5	-2	0.35	-0.5	14	26	31	3.38	-10	0	-1	0.06	10	1	945	-1
VR53150A		-5	2	0	0.4	2.73	0	190	-0.5	-2	0.33	-0.5	13	35	33	3.88	-10	0	-1	0.07	10	1.2	605	-1
VR53151A		-5	8	0	0.4	2.28	0	250	-0.5	-2	0.44	-0.5	10	29	32	3.32	-10	0	-1	0.05	10	0.7	360	-1
VR53152A		-5	4	0	0.2	2.71	0	180	-0.5	-2	0.23	-0.5	18	67	27	3.81	-10	0	-1	0.06	10	1.12	510	-1
VR53153A		-5	10	0	-0.2	1.94	0	410	-0.5	-2	0.37	-0.5	14	57	35	3.17	-10	0	-1	0.06	-10	0.82	425	-1
VR53154A		-5	4	0	0.2	2.3	0	310	-0.5	-2	1.41	-0.5	14	57	42	3.1	-10	0	-1	0.11	10	1.12	680	-1
VR53155A		10	8	0	0.2	2.5	0	240	-0.5	-2	0.72	-0.5	14	33	35	3.4	-10	0	-1	0.08	10	0.97	675	1
VR53156A		-5	22	0	0.6	1.95	0	350	-0.5	-2	1.43	-0.5	12	27	40	3.35	-10	0	-1	0.09	10	0.62	600	1
VR53157A		-5	92	0	0.4	1.96	0	280	-0.5	-2	0.68	-0.5	13	38	44	3.28	-10	0	-1	0.08	10	0.53	535	3
VR53158A		-5	124	0	0.6	1.82	0	250	-0.5	-2	0.58	0.5	14	50	69	3.91	-10	0	-1	0.08	10	0.57	750	3
VR53159A		-5	286	0	0.8	2.04	0	220	-0.5	-2	0.48	1.5	14	48	49	3.65	-10	0	-1	0.06	10	0.82	805	1
VR53160A		-5	116	0	-0.2	2.34	0	210	-0.5	-2	0.36	-0.5	11	44	33	3.58	-10	0	-1	0.07	10	0.65	605	1
VR53161A		-5	104	0	-0.2	1.94	0	190	-0.5	-2	0.19	-0.5	15	47	47	3.71	-10	0	-1	0.07	10	0.62	700	-1
VR53162A		-5	30	0	-0.2	2.29	0	220	-0.5	-2	0.27	-0.5	12	46	32	3.23	-10	0	-1	0.07	10	0.56	610	-1
VR53163A		-5	210	0	-0.2	1.76	0	200	-0.5	-2	0.26	-0.5	14	32	38	3.08	-10	0	-1	0.06	20	0.44	755	-1

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR42491A	0.01	11	1050	6	0.1	0.3	-1	62	-0.05	0.02	0.1	0.55	47	0.15	50	F	
VR42492A	0.01	24	410	10	0.03	0.5	3	14	-0.05	0.06	0.08	0.5	58	0.2	62	F	
VR42493A	0.01	26	280	10	0.02	0.5	4	24	-0.05	0.07	0.1	0.7	56	0.25	72	F	
VR42494A	0.01	18	370	12	0.04	0.5	3	18	-0.05	0.06	0.1	0.5	61	0.25	52	F	
VR42495A	0.02	12	450	6	0.03	0.2	1	25	-0.05	0.06	0.06	0.6	40	0.4	44	F	
VR42496A	0.01	20	730	8	0.01	0.3	3	36	-0.05	0.06	0.08	0.8	51	0.2	70	F	
VR42497A	0.01	110	290	10	0.03	0.4	5	16	-0.05	0.06	0.12	0.55	70	0.2	56	F	
VR42498A	0.01	24	840	14	0.03	0.4	6	33	-0.05	0.01	0.16	0.9	55	0.2	60	F	
VR42499A	0.01	66	670	14	0.01	0.9	5	16	0.05	0.03	0.1	1.75	53	0.2	118	F	
VR42500A	0.01	15	1130	20	0.01	0.1	4	15	-0.05	0.01	0.08	0.6	52	0.15	72	F	
VR53141A	-0.01	25	570	14	0	-2	5	23	0	0.1	-10	-10	58	-10	66	F	
VR53142A	-0.01	113	1670	10	0	-2	11	25	0	0.1	-10	10	72	-10	452	F	
VR53143A	-0.01	40	890	6	0	-2	3	25	0	0.09	-10	-10	59	-10	122	F	
VR53144A	-0.01	21	610	24	0	-2	1	19	0	0.06	-10	-10	47	-10	70	F	
VR53145A	-0.01	44	890	18	0	-2	3	28	0	0.04	-10	-10	38	-10	104	F	
VR53146A	-0.01	33	970	16	0	-2	3	40	0	0.07	-10	-10	68	-10	156	F	
VR53147A	-0.01	29	770	12	0	-2	5	34	0	0.08	-10	-10	62	-10	112	F	
VR53148A	-0.01	28	770	14	0	-2	5	35	0	0.08	-10	-10	61	-10	110	T	
VR53149A	0.02	19	620	6	0	-2	4	20	0	0.06	-10	-10	64	-10	78	F	
VR53150A	-0.01	24	560	6	0	-2	6	22	0	0.06	-10	-10	70	-10	86	F	
VR53151A	-0.01	29	670	6	0	-2	4	27	0	0.04	-10	-10	52	-10	78	F	
VR53152A	-0.01	38	250	2	0	-2	7	18	0	0.09	-10	-10	78	-10	68	F	
VR53153A	-0.01	26	220	2	0	-2	5	17	0	0.15	-10	-10	81	-10	44	F	
VR53154A	-0.01	40	770	6	0	-2	8	38	0	0.06	-10	-10	57	-10	104	F	
VR53155A	-0.01	27	530	8	0	-2	8	29	0	0.07	-10	-10	63	-10	88	F	
VR53156A	-0.01	31	850	16	0	-2	4	46	0	0.04	-10	-10	43	-10	108	F	
VR53157A	-0.01	38	580	16	0	-2	7	29	0	0.06	-10	-10	56	-10	134	F	
VR53158A	-0.01	56	740	56	0	-2	8	31	0	0.05	-10	-10	55	-10	162	F	
VR53159A	-0.01	52	760	194	0	-2	6	32	0	0.04	-10	-10	53	-10	178	F	
VR53160A	-0.01	33	530	24	0	-2	5	30	0	0.07	-10	-10	64	-10	84	F	
VR53161A	-0.01	52	290	14	0	-2	6	28	0	0.07	-10	-10	59	-10	94	F	
VR53162A	-0.01	34	380	12	0	-2	5	28	0	0.09	-10	-10	61	-10	68	F	
VR53163A	-0.01	27	360	28	0	-2	4	29	0	0.09	-10	-10	56	-10	74	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR53164A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE	7	504351	7097402	NAD 27	A9831722
VR53165A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE	7	504542	7097329	NAD 27	A9831722
VR53166A	Sixty Mile	SL	JH/AD	19980910		GOOD SAMPLE	7	504527	7097636	NAD 27	A9831722
VR53167A	Sixty Mile	SL	JH/AD	19980911		FAIR SAMPLE; THICK MOSS	7	505272	7098339	NAD 27	A9831722
VR53168A	Sixty Mile	SL	JH/AD	19980911		FAIR SAMPLE; THICK MOSS	7	505301	7098342	NAD 27	A9831722
VR53169A	Sixty Mile	SL	JH/AD	19980911		FAIRLY REASONABLE SAMPLE	7	505409	7098367	NAD 27	A9831722
VR53170A	Sixty Mile	SL	JH/AD	19980911		FAIR SAMPLE	7	505503	7098415	NAD 27	A9831722
VR53171A	Sixty Mile	SL	JH	19980911		NOT A BAD SAMPLE	7	505580	7098371	NAD 27	A9831722
VR53172A	Sixty Mile	SL	JH/AD	19980911		FAIR SAMPLE	7	505652	7098357	NAD 27	A9831722
VR53173A	Sixty Mile	SL	JH/AD	19980911		FAIR TO POOR SAMPLE, FLUFFY MICACEOUS SOIL; ABOUT 6CM OF ASH ON TOP.	7	505669	7098216	NAD 27	A9831722
VR53174A	Sixty Mile	SL	JH/AD	19980911		FAIR SAMPLE	7	505686	7098146	NAD 27	A9831722
VR53175A	Sixty Mile	SL	JH/AD	19980911		POOR SAMPLE; VERY LITTLE SOIL	7	505640	7098064	NAD 27	A9831722
VR53176A	Sixty Mile	SL	JH/AD	19980911		FAIR SAMPLE; NO DEPTH RECORDED	7	505624	7097917	NAD 27	A9831722
VR53177A	Sixty Mile	SL	JH/AD	19980911		GOOD SAMPLE, FROST HEAVE	7	505675	7097840	NAD 27	A9831722
VR53178A	Sixty Mile	SL	JH/AD	19980911		NO ROCK FRAGS; MOISTURE CONTENT NOT RECORDED	7	505794	7097836	NAD 27	A9831722
VR53179A	Sixty Mile	SL	JH/AD	19980911		GOOD SAMPLE	7	505900	7097785	NAD 27	A9831722
VR53180A	Sixty Mile	SL	JH/AD	19980911		GOOD SAMPLE	7	506024	7097847	NAD 27	A9831722
VR53181A	Sixty Mile	SL	JH/AD	19980911		GOOD SAMPLE	7	506065	7097861	NAD 27	A9831722
VR53182A	Sixty Mile	SL	JH/AD	19980911		GOOD SAMPLE	7	506171	7097926	NAD 27	A9831722
VR53183A	Sixty Mile	SL	AD/JH	19980912		GOOD SAMPLE	7	506302	7097859	NAD 27	A9831722
VR53184A	Sixty Mile	SL	AD/JH	19980912		GOOD SAMPLE	7	506344	7097784	NAD 27	A9831722
VR53185A	Sixty Mile	SL	AD/JH	19980912		GOOD SAMPLE	7	506415	7097713	NAD 27	A9831722
VR53186A	Sixty Mile	SL	AD/JH	19980912		GOOD SAMPLE	7	506458	7097622	NAD 27	A9831722
VR53187A	Sixty Mile	SL	AD/JH	19980912		GOOD SAMPLE	7	506451	7097517	NAD 27	A9831722
VR53188A	Sixty Mile	SL	AD/JH	19980912		VERY GOOD SAMPLE	7	506426	7097418	NAD 27	A9831722
VR53189A	Sixty Mile	SL	AD/JH	19980912		SOME ASH	7	506429	7097294	NAD 27	A9831722
VR53190A	Sixty Mile	SL	AD/JH	19980912		GOOD SOIL, LOTS OF MUSCOVITE; REDDISH BROWN	7	506499	7097216	NAD 27	A9831722
VR53191A	Sixty Mile	SL	AD/JH	19980912		GOOD SAMPLE; MICACEOUS	7	506600	7097235	NAD 27	A9831722
VR53192A	Sixty Mile	SL	AD/JH	19980912		FAIR SAMPLE	7	506693	7097210	NAD 27	A9831722
VR53193A	Sixty Mile	SL	AD/JH	19980912		GOOD SAMPLE	7	506809	7097191	NAD 27	A9831722
VR53194A	Sixty Mile	SL	AD/JH	19980912		GOOD SAMPLE	7	506893	7097152	NAD 27	A9831722
VR53195A	Sixty Mile	SL	AD/JH	19980912		DUPLICATE OF 53194	7	506893	7097152	NAD 27	A9831722
VR53196A	Sixty Mile	SL	AD	19980912			7	506974	7097142	NAD 27	A9831722
VR53197A	Sixty Mile	SL	AD/JH	19980912		GOOD SAMPLE	7	507067	7097083	NAD 27	A9831722
VR53198A	Sixty Mile	SL	AD/JH	19980912		GOOD SAMPLE	7	507125	7097033	NAD 27	A9831722
VR53199A	Sixty Mile	SL	AD/JH	19980912		FAIR SAMPLE	7	507204	7096940	NAD 27	A9831722
VR53200A	Sixty Mile	SL	AD/JH	19980912		FAIR SAMPLE OVER PERMAFROST.	7	507281	7096860	NAD 27	A9831722
VR53250A	Sixty Mile	SL	CL/RH	19980910		GRA QZT fragments in sample	7	500436	7099017	NAD 27	A9831722
VR53251A	Sixty Mile	SL	CL/RH	19980910		Possibly some ash present; moderate sample.	7	500463	7099253	NAD 27	A9831722
VR53252A	Sixty Mile	SL	CL/RH	19980910		Some ash in sample	7	500628	7099238	NAD 27	A9831722

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR53164A		5	186	0	0.2	2.14	0	120	-0.5	-2	0.22	-0.5	13	34	23	3.19	-10	0	-1	0.07	10	0.47	610	-1
VR53165A		-5	304	0	0.2	2.11	0	170	-0.5	-2	0.18	-0.5	10	37	38	3.22	-10	0	-1	0.07	10	0.46	310	1
VR53166A		40	1110	0	0.2	1.63	0	200	-0.5	-2	0.09	-0.5	11	33	60	3.73	-10	0	-1	0.08	10	0.22	355	2
VR53167A		-5	40	0	0.6	1.7	0	160	-0.5	-2	0.4	0.5	18	87	50	3.34	-10	0	-1	0.08	10	1	1500	-1
VR53168A		10	72	0	0.4	1.34	0	90	-0.5	-2	0.18	-0.5	20	53	31	3.57	-10	0	-1	0.05	10	0.83	1995	1
VR53169A		-5	96	0	1.2	1.14	0	170	-0.5	-2	0.37	0.5	19	35	36	2.92	-10	0	-1	0.07	10	0.33	2630	3
VR53170A		-5	120	0	0.8	1.06	0	160	-0.5	-2	0.54	-0.5	19	27	70	3.83	-10	0	-1	0.08	10	0.29	2570	3
VR53171A		-5	40	0	-0.2	2.59	0	140	-0.5	-2	0.19	-0.5	15	42	36	3.75	-10	0	-1	0.08	10	0.5	1070	-1
VR53172A		-5	26	0	0.2	1.71	0	130	-0.5	-2	0.15	0.5	17	35	48	3.71	-10	0	-1	0.07	10	0.32	1930	1
VR53173A		-5	38	0	-0.2	2.6	0	140	-0.5	-2	0.21	-0.5	12	38	26	4.14	-10	0	-1	0.08	10	0.5	555	1
VR53174A		-5	36	0	0.2	0.78	0	70	-0.5	-2	0.25	-0.5	35	46	59	4.91	-10	0	-1	0.07	10	0.18	4290	3
VR53175A		-5	42	0	2.6	0.76	0	90	-0.5	-2	0.04	-0.5	7	14	56	3.45	-10	0	-1	0.05	10	0.03	225	11
VR53176A		-5	486	0	1	0.73	0	60	-0.5	-2	0.04	-0.5	3	9	22	1.85	-10	0	-1	0.03	-10	0.06	240	1
VR53177A		15	112	0	0.2	1.34	0	90	-0.5	-2	0.17	-0.5	5	20	14	2.08	-10	0	-1	0.04	10	0.35	105	-1
VR53178A		-5	166	0	0.2	1.51	0	110	-0.5	-2	0.16	-0.5	5	22	13	2.25	-10	0	-1	0.04	-10	0.36	100	-1
VR53179A		45	264	0	0.6	1.37	0	120	-0.5	-2	0.17	-0.5	6	24	14	2.26	-10	0	-1	0.04	-10	0.35	120	1
VR53180A		40	324	0	0.8	1.43	0	130	-0.5	-2	0.15	-0.5	4	23	14	2.31	-10	0	-1	0.05	10	0.34	95	1
VR53181A		40	390	0	1.2	1.15	0	190	-0.5	-2	0.16	-0.5	7	22	21	2.61	-10	0	-1	0.07	10	0.31	240	4
VR53182A		20	286	0	0.6	1.72	0	160	-0.5	-2	0.16	-0.5	8	27	19	3.17	-10	0	-1	0.05	10	0.41	275	3
VR53183A		40	194	0	0.2	1.24	0	140	-0.5	-2	0.19	-0.5	6	22	18	2.33	-10	0	-1	0.06	10	0.35	210	2
VR53184A		55	258	0	0.6	2.2	0	210	-0.5	-2	0.2	-0.5	9	32	23	3.02	-10	0	-1	0.07	10	0.49	265	-1
VR53185A		30	314	0	0.4	2.04	0	210	-0.5	-2	0.24	-0.5	9	32	26	3.15	-10	0	-1	0.07	10	0.53	250	1
VR53186A		20	248	0	0.2	2.03	0	190	-0.5	-2	0.27	-0.5	9	31	30	2.94	-10	0	-1	0.06	10	0.52	285	-1
VR53187A		30	342	0	0.6	2.64	0	280	-0.5	-2	0.26	-0.5	12	37	28	3.53	-10	0	-1	0.08	10	0.52	440	1
VR53188A		25	250	0	1	2.11	0	230	-0.5	-2	0.2	-0.5	8	31	21	2.98	-10	0	-1	0.07	10	0.44	310	1
VR53189A		45	464	0	0.6	2.27	0	220	-0.5	-2	0.22	-0.5	11	33	25	3.37	-10	0	-1	0.08	10	0.49	475	1
VR53190A		60	550	0	0.2	1.51	0	170	-0.5	-2	0.25	-0.5	14	23	9	2.71	-10	0	-1	0.06	10	0.46	955	-1
VR53191A		75	292	0	0.2	1.86	0	220	-0.5	-2	0.44	-0.5	11	54	23	3.01	-10	0	-1	0.12	20	0.91	595	-1
VR53192A		10	28	0	0.2	2.04	0	210	-0.5	-2	0.43	-0.5	10	67	32	3.43	-10	0	-1	0.08	20	0.95	220	-1
VR53193A		15	36	0	0.2	1.73	0	410	0.5	-2	0.42	-0.5	9	34	21	2.86	-10	0	-1	0.09	50	0.67	440	-1
VR53194A		165	220	0	0.2	1.03	0	300	0.5	-2	0.18	-0.5	6	39	16	3.12	-10	0	-1	0.08	50	0.32	380	-1
VR53195A		95	198	0	-0.2	0.99	0	340	0.5	-2	0.19	-0.5	6	35	14	2.85	-10	0	-1	0.08	60	0.3	350	-1
VR53196A		20	198	0	-0.2	1.5	0	200	-0.5	-2	0.18	-0.5	5	15	19	2.08	-10	0	-1	0.08	10	0.21	250	-1
VR53197A		5	42	0	0.2	2.12	0	410	0.5	-2	0.78	-0.5	15	63	40	3.28	-10	0	-1	0.13	30	0.89	490	-1
VR53198A		-5	2	0	-0.2	1.84	0	180	-0.5	-2	0.18	-0.5	9	37	18	3.09	-10	0	-1	0.09	30	0.46	215	-1
VR53199A		-5	40	0	-0.2	1.88	0	320	-0.5	-2	0.81	-0.5	10	35	33	3.12	-10	0	-1	0.09	20	0.73	400	-1
VR53200A		-5	42	0	-0.2	1.72	0	330	-0.5	-2	0.77	-0.5	12	30	26	2.74	-10	0	-1	0.08	20	0.58	535	-1
VR53250A		-5	4	0	0.2	1.74	0	220	-0.5	-2	0.11	-0.5	9	29	58	3.53	-10	0	-1	0.27	20	0.68	550	3
VR53251A		-5	24	0	1.2	2.78	0	480	0.5	-2	0.27	1	21	76	127	4.56	-10	0	-1	0.46	40	1.75	1475	8
VR53252A		-5	20	0	1	1.91	0	440	-0.5	-2	0.15	1	16	44	73	3.93	-10	0	-1	0.34	30	0.93	890	7

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR53164A	-0.01	25	520	32	0	2	4	21	0	0.08	-10	-10	60	-10	84	F	
VR53165A	-0.01	28	320	26	0	-2	4	26	0	0.08	-10	-10	57	-10	84	F	
VR53166A	-0.01	40	490	54	0	-2	4	28	0	0.04	-10	-10	55	-10	122	F	
VR53167A	-0.01	80	770	10	0	2	7	30	0	0.07	-10	-10	55	-10	118	F	
VR53168A	-0.01	35	650	12	0	-2	5	15	0	-0.01	-10	-10	56	-10	96	F	
VR53169A	-0.01	31	960	18	0	-2	4	28	0	-0.01	-10	-10	46	-10	114	F	
VR53170A	-0.01	62	820	14	0	2	4	31	0	-0.01	-10	-10	38	-10	188	F	
VR53171A	-0.01	38	430	12	0	-2	4	19	0	0.08	-10	-10	62	-10	128	F	
VR53172A	-0.01	46	610	34	0	-2	4	17	0	0.06	-10	-10	55	-10	166	F	
VR53173A	-0.01	28	360	14	0	-2	4	21	0	0.1	-10	-10	75	-10	88	F	
VR53174A	-0.01	86	1170	14	0	-2	3	23	0	-0.01	-10	-10	44	-10	220	F	
VR53175A	-0.01	38	520	20	0	-2	1	20	0	-0.01	-10	-10	65	-10	200	F	
VR53176A	0.03	7	480	10	0	-2	-1	12	0	0.03	-10	-10	29	-10	42	F	
VR53177A	-0.01	11	380	16	0	2	2	15	0	0.06	-10	-10	37	-10	44	F	
VR53178A	-0.01	12	530	22	0	-2	3	15	0	0.06	-10	-10	38	-10	44	F	
VR53179A	-0.01	12	540	32	0	-2	2	16	0	0.05	-10	-10	42	-10	44	F	
VR53180A	-0.01	11	460	32	0	2	2	17	0	0.05	-10	-10	42	-10	40	F	
VR53181A	-0.01	12	530	36	0	2	3	27	0	0.06	-10	-10	43	-10	44	F	
VR53182A	-0.01	15	510	20	0	-2	3	21	0	0.05	-10	-10	50	-10	54	F	
VR53183A	-0.01	13	530	20	0	-2	3	23	0	0.06	-10	-10	43	-10	48	F	
VR53184A	-0.01	19	660	20	0	4	4	23	0	0.06	-10	-10	48	-10	68	F	
VR53185A	-0.01	20	510	20	0	-2	4	26	0	0.06	-10	-10	51	-10	74	F	
VR53186A	-0.01	20	540	18	0	-2	4	25	0	0.08	-10	-10	50	-10	66	F	
VR53187A	-0.01	23	660	28	0	-2	4	29	0	0.07	-10	-10	59	-10	82	F	
VR53188A	-0.01	18	460	26	0	-2	4	26	0	0.07	-10	-10	53	-10	64	F	
VR53189A	-0.01	19	560	54	0	2	4	23	0	0.07	-10	-10	58	-10	74	F	
VR53190A	-0.01	12	410	28	0	-2	3	22	0	0.05	-10	-10	45	10	72	F	
VR53191A	-0.01	24	460	30	0	-2	6	32	0	0.07	-10	-10	48	-10	106	F	
VR53192A	-0.01	29	560	40	0	-2	7	32	0	0.08	-10	-10	60	-10	104	F	
VR53193A	-0.01	18	370	48	0	-2	6	42	0	0.04	-10	-10	38	-10	104	F	
VR53194A	-0.01	24	210	58	0	-2	5	25	0	0.02	-10	-10	22	-10	146	F	
VR53195A	-0.01	21	190	52	0	-2	5	26	0	0.03	-10	-10	21	-10	130	T	
VR53196A	0.04	11	320	20	0	2	1	17	0	0.04	-10	-10	28	-10	60	F	
VR53197A	-0.01	44	600	18	0	-2	9	62	0	0.06	-10	-10	59	-10	96	F	
VR53198A	-0.01	29	150	24	0	2	3	19	0	0.07	-10	-10	49	-10	58	F	
VR53199A	0.02	29	640	10	0	2	6	49	0	0.1	-10	-10	55	-10	88	F	
VR53200A	0.02	25	570	8	0	-2	5	51	0	0.08	-10	-10	46	-10	72	F	
VR53250A	-0.01	22	790	18	0	-2	2	19	0	0.06	-10	-10	67	-10	88	F	
VR53251A	-0.01	58	1140	26	0	2	8	24	0	0.06	-10	-10	114	-10	254	F	
VR53252A	-0.01	35	950	20	0	2	4	20	0	0.06	-10	-10	72	-10	140	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR53253A	Sixty Mile	SL	CL/RH	19980910		Poor sample; abundant ash; some QZT pebbles present.	7	500738	7099128	NAD 27	A9831722
VR53254A	Sixty Mile	SL	CL/RH	19980910		Sample taken in gulley, 60m from last site (VR53253); moderate sample; ash and pebbles in sample.	7	500807	7099177	NAD 27	A9831722
VR53255A	Sixty Mile	SL	CL/RH	19980910		High ash contamination; some pebbles; poor sample.	7	500939	7099228	NAD 27	A9831722
VR53256A	Sixty Mile	SL	CL/RH	19980910		Good sample	7	501006	7099385	NAD 27	A9831722
VR53257A	Sixty Mile	SL	CL/RH	19980910		Minor ash present; moderate sample.	7	501076	7099425	NAD 27	A9831722
VR53258A	Sixty Mile	SL	CL/RH	19980910		Some ash present	7	501120	7099680	NAD 27	A9831722
VR53259A	Sixty Mile	SL	CL/RH	19980910		Some ash present	7	501119	7099884	NAD 27	A9831722
VR53260A	Sixty Mile	SL	CL/RH	19980910			7	501125	7100078	NAD 27	A9831722
VR53261A	Sixty Mile	SL	CL/RH	19980910		Some ash in sample; talus is QZT with QTZ veinlets.	7	501036	7100228	NAD 27	A9831722
VR53262A	Sixty Mile	SL	CL/RH	19980910		Some QTZ and QZT pebbles in sample.	7	501068	7100370	NAD 27	A9831722
VR53263A	Sixty Mile	SL	CL/RH	19980910		Lots of ash and organics in sample.	7	501114	7100518	NAD 27	A9831722
VR53264A	Sixty Mile	SL	CL/RH	19980910			7	501222	7100632	NAD 27	A9831722
VR53265A	Sixty Mile	SL	CL/RH	19980910		Abundant ash	7	501356	7100591	NAD 27	A9831722
VR53266A	Sixty Mile	SL	CL/RH	19980910		moderate sample	7	501340	7100754	NAD 27	A9831722
VR53267A	Sixty Mile	SL	CL/RH	19980910		QZT pebbles in sample	7	501280	7100881	NAD 27	A9831722
VR53268A	Sixty Mile	SL	CL/RH	19980910		QZT pebbles in sample; some ash.	7	501181	7101006	NAD 27	A9831722
VR53269A	Sixty Mile	SL	CL/RH	19980911		PYY in QTZ BRX on FOL surfaces; moderate soil; FL is predominately GRA CAR QZT with HEM.	7	500102	7100965	NAD 27	A9831722
VR53270A	Sixty Mile	SL	CL/RH	19980911		HEM occurs on FOL surfaces;sample taken from same trench is VR53269.	7	500074	7100950	NAD 27	A9831722
VR53362A	Sixty Mile	SL	DS/RH	19980815		QZT present	7	504348	7098824	NAD 27	A9828573
VR54688A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	500987	7101962	NAD 27	A9924684
VR54689A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	500887	7101612	NAD 27	A9924684
VR54690A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	500887	7101962	NAD 27	A9924684
VR54691A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	500787	7101612	NAD 27	A9924684
VR54692A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	500787	7101962	NAD 27	A9924684
VR54693A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	500687	7101612	NAD 27	A9924684
VR54694A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	500587	7101612	NAD 27	A9924684
VR54695A	Sixty Mile	SL		19990725		Madrona soil reject assayed for Au	7	500587	7101962	NAD 27	A9924684
VR54801A	Sixty Mile	SL	RZ	19990616			7	503170	7103100	NAD 27	A9920800
VR54802A	Sixty Mile	SL	RZ	19990616		SAMPLE IS MARKED AS HAVING BEEN TAKEN WITHIN BOTH THE A AND B HORIZONS.	7	503350	7103060	NAD 27	A9920800
VR54803A	Sixty Mile	SL	RZ	19990616			7	503595	7103013	NAD 27	A9920800
VR54804A	Sixty Mile	SL	RZ	19990616			7	503747	7102894	NAD 27	A9920800
VR54805A	Sixty Mile	SL	RZ	19990616	POOR	POOR SAMPLE QUALITY.	7	504742	7102589	NAD 27	A9920800
VR54806A	Sixty Mile	SL	RZ	19990616		SAMPLE IS MARKED AS HAVING BEEN TAKEN FROM BOTH THE A AND C HORIZONS.	7	504552	7102574	NAD 27	A9920800
VR54807A	Sixty Mile	SL	RZ	19990616			7	504350	7102577	NAD 27	A9920800
VR54808A	Sixty Mile	SL	RZ	19990616			7	504156	7102651	NAD 27	A9920800
VR54809A	Sixty Mile	SL	RZ	19990616			7	503979	7102749	NAD 27	A9920800

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR53253A		-5	8	0	0.8	1.77	0	180	-0.5	-2	0.14	-0.5	11	35	42	3.19	-10	0	-1	0.17	10	0.65	560	1
VR53254A		-5	22	0	1	1.57	0	170	-0.5	-2	0.14	-0.5	11	27	68	3.17	-10	0	-1	0.09	10	0.43	580	1
VR53255A		-5	12	0	0.4	1.59	0	140	-0.5	-2	0.16	-0.5	31	29	33	3.05	-10	0	-1	0.07	10	0.48	2700	1
VR53256A		10	22	0	0.2	1.29	0	110	-0.5	-2	0.17	-0.5	25	24	34	3.2	-10	0	-1	0.08	10	0.41	1700	1
VR53257A		-5	34	0	0.6	1.3	0	90	-0.5	2	0.12	-0.5	16	25	30	3.13	-10	0	-1	0.06	10	0.36	1010	1
VR53258A		5	20	0	-0.2	1.31	0	110	-0.5	-2	0.17	-0.5	11	24	35	3.05	-10	0	-1	0.06	10	0.4	685	1
VR53259A		-5	18	0	0.2	1.84	0	100	-0.5	-2	0.21	-0.5	11	33	35	3.28	-10	0	-1	0.05	10	0.48	440	-1
VR53260A		10	12	0	0.2	1.8	0	140	-0.5	-2	0.19	-0.5	10	28	22	2.71	-10	0	-1	0.06	10	0.44	485	1
VR53261A		-5	24	0	0.8	2.05	0	120	-0.5	-2	0.22	-0.5	12	30	42	3.81	-10	0	-1	0.07	10	0.45	555	1
VR53262A		105	64	0	1.8	1.64	0	200	-0.5	-2	0.15	-0.5	8	24	56	4.44	-10	0	-1	0.16	10	0.32	430	3
VR53263A		35	76	0	1.6	1.03	0	220	-0.5	-2	0.06	-0.5	4	19	78	4.15	-10	0	-1	0.24	10	0.17	165	4
VR53264A		30	108	0	1.8	1.7	0	370	-0.5	-2	0.11	-0.5	8	80	103	4.74	-10	0	-1	0.32	10	0.49	475	9
VR53265A		55	64	0	0.4	1.34	0	220	-0.5	-2	0.21	-0.5	7	29	27	4.15	-10	0	1	0.15	10	0.32	305	1
VR53266A		5	50	0	0.2	1.57	0	120	-0.5	-2	0.28	-0.5	9	27	30	2.93	-10	0	1	0.08	10	0.48	370	1
VR53267A		-5	76	0	0.4	1.62	0	150	-0.5	-2	0.17	-0.5	10	24	77	3.27	-10	0	-1	0.06	10	0.4	335	2
VR53268A		5	40	0	0.2	1.6	0	200	-0.5	-2	0.26	-0.5	11	36	24	2.65	-10	0	-1	0.05	10	0.6	255	3
VR53269A		10	56	0	0.8	0.75	0	160	-0.5	-2	0.18	-0.5	13	16	49	4.09	-10	0	1	0.1	30	0.19	520	1
VR53270A		-5	28	0	-0.2	1.39	0	130	-0.5	-2	0.11	-0.5	10	22	34	3.24	-10	0	-1	0.14	30	0.36	530	-1
VR53362A		-5	456	0	0.2	1.41	0	300	-0.5	-2	0.13	1	22	28	101	4.62	-10	0	-1	0.14	20	0.24	675	3
VR54688A		-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR54689A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR54690A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR54691A		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR54692A		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR54693A		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR54694A		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR54695A		5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VR54801A		3	8.2	0	0.3	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
VR54802A		-1	8.2	0	0.12	1.24	-10	70	0.15	0.31	0.05	0.08	1.8	20	7.4	1.73	9.8	-0.1	0.04	0.02	10	0.14	60	1.4
VR54803A		-1	11.8	0	0.1	1.59	-10	90	0.2	0.28	0.07	0.12	4.4	29	15.2	3.13	8.2	-0.1	0.06	0.03	10	0.24	145	1.6
VR54804A		5	14.6	0	0.4	0.92	-10	140	0.3	0.39	0.03	0.3	7	18	73.2	2.71	2.5	-0.1	0.04	0.07	20	0.13	295	2.6
VR54805A		5	20.6	0	0.38	1.38	-10	70	0.25	0.27	0.09	1.06	4.2	25	26	2.56	5.5	-0.1	0.07	0.05	10	0.28	130	2.6
VR54806A		3	13.4	0	0.3	2.74	-10	130	0.5	0.22	0.09	0.18	8.6	38	21	3.35	6.4	-0.1	0.09	0.03	-10	0.43	255	1.8
VR54807A		7	16.8	0	0.2	1.79	-10	110	0.4	0.19	0.12	0.2	9.2	34	39.8	3.29	4.5	-0.1	0.07	0.04	10	0.44	260	2.6
VR54808A		3	11.8	0	0.12	2.42	-10	100	0.55	0.18	0.15	0.3	11.4	34	24.4	3.1	4.8	-0.1	0.07	0.07	-10	0.6	315	1
VR54809A		3	23.6	0	0.3	1.79	-10	80	0.4	0.18	0.09	0.3	8.8	31	31.2	3	4.6	-0.1	0.07	0.05	-10	0.37	355	1.8

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR53253A	-0.01	19	770	12	0	-2	3	15	0	0.07	-10	-10	58	-10	80	F	
VR53254A	-0.01	27	760	14	0	-2	4	17	0	0.05	-10	-10	48	-10	92	F	
VR53255A	-0.01	20	750	10	0	-2	3	18	0	0.06	-10	-10	51	-10	78	F	
VR53256A	-0.01	21	700	8	0	-2	2	15	0	0.06	-10	-10	48	-10	84	F	
VR53257A	-0.01	16	630	20	0	-2	2	15	0	0.05	-10	-10	48	-10	68	F	
VR53258A	-0.01	20	540	12	0	-2	3	16	0	0.06	-10	-10	47	-10	80	F	
VR53259A	-0.01	25	660	8	0	-2	3	15	0	0.08	-10	-10	57	-10	78	F	
VR53260A	-0.01	23	650	10	0	2	3	15	0	0.07	-10	-10	49	-10	90	F	
VR53261A	-0.01	25	760	20	0	-2	3	18	0	0.07	-10	-10	50	-10	92	F	
VR53262A	-0.01	19	730	30	0	-2	3	18	0	0.05	-10	-10	42	-10	72	F	
VR53263A	0.02	12	860	30	0	-2	1	21	0	0.02	-10	-10	37	-10	66	F	
VR53264A	0.02	17	1760	50	0	-2	6	46	0	0.03	-10	-10	70	-10	84	F	
VR53265A	-0.01	17	1160	30	0	2	3	36	0	0.08	-10	-10	69	-10	66	F	
VR53266A	-0.01	19	840	22	0	-2	4	23	0	0.08	-10	-10	52	-10	72	F	
VR53267A	-0.01	27	850	24	0	-2	3	18	0	0.05	-10	-10	46	-10	98	F	
VR53268A	-0.01	21	630	20	0	-2	4	21	0	0.05	-10	-10	48	-10	110	F	
VR53269A	-0.01	49	630	14	0	-2	3	19	0	-0.01	-10	-10	30	-10	146	F	
VR53270A	-0.01	24	650	14	0	-2	2	16	0	0.05	-10	-10	45	-10	84	F	
VR53362A	-0.01	64	1120	12	0	6	4	54	0	-0.01	-10	-10	45	-10	138	F	
VR54688A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR54689A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR54690A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR54691A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR54692A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR54693A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR54694A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR54695A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	
VR54801A	0.01	28	580	12	0.01	0.5	3	13	0.05	0.04	0.12	1.05	43	0.15	66	F	
VR54802A	-0.01	5	180	14	0.01	0.1	1	8	-0.05	0.1	0.16	0.45	78	0.4	20	F	
VR54803A	-0.01	13	300	12	0.01	0.3	2	9	0.05	0.07	0.14	0.65	77	0.35	44	F	
VR54804A	-0.01	17	660	22	0.05	0.9	3	30	0.15	0.01	0.16	3.15	29	0.25	66	F	
VR54805A	0.01	17	610	12	0.03	0.6	1	35	0.05	0.04	0.18	1.4	51	0.3	54	F	
VR54806A	-0.01	20	450	8	0.02	0.4	3	13	-0.05	0.06	0.14	1.15	65	0.3	58	F	
VR54807A	0.01	28	520	6	0.01	0.6	4	12	0.05	0.06	0.1	1.6	47	0.3	74	F	
VR54808A	0.01	28	490	6	0.01	0.3	4	14	-0.05	0.07	0.14	0.65	50	0.25	74	F	
VR54809A	-0.01	24	460	8	0.03	0.3	2	10	0.05	0.06	0.12	0.9	53	0.25	74	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR54810A	Sixty Mile	SL	RZ	19990616	POOR	POOR SAMPLE QUALITY. SAMPLE IS MARKED AS HAVING BEEN TAKEN FROM BOTH THE B AND C HORIZONS.	7	503807	7102825	NAD 27	A9920800
VR54839A	Sixty Mile	SL	RZ	19990709		DUPLICATE OF SAMPLE VR83058. THEY WERE TAKEN IN THE SAME HOLE.	7	504108	7102761	NAD 27	A9923133
VR54840A	Sixty Mile	SL	RZ	19990709	MOD	SAMPLE IS TAKEN WITHIN THE C HORIZON, HOWEVER IT IS ORGANIC RICH. SAMPLE WAS TAKEN IN TALUS.	7	504108	7102811	NAD 27	A9923133
VR54841A	Sixty Mile	SL	RZ	19990709	MOD	SAMPLE CONTAINS FINE GRAINED TALUS MATERIAL AND ORGANICS.	7	504108	7102861	NAD 27	A9923133
VR54842A	Sixty Mile	SL	RZ	19990709	MOD	MODERATE SAMPLE QUALITY.	7	504058	7102861	NAD 27	A9923133
VR54843A	Sixty Mile	SL	RZ	19990709	POOR	SAMPLE COLLECTED ON A COARSE TALUS SLOPE (BLOCKY).	7	504008	7102861	NAD 27	A9923133
VR54844A	Sixty Mile	SL	RZ	19990709	POOR	BLOCKY QTZ TALUS AND MOSS IN SAMPLE.	7	504008	7102811	NAD 27	A9923133
VR54845A	Sixty Mile	SL	RZ	19990709	GOOD	SAMPLE TAKEN FROM THE TOP OF THE HILL.	7	504008	7102761	NAD 27	A9923133
VR54846A	Sixty Mile	SL	RZ	19990709	MOD	MODERATE SAMPLE QUALITY.	7	504008	7102711	NAD 27	A9923133
VR54847A	Sixty Mile	SL	RZ	19990709	GOOD	GOOD QUALITY SAMPLE.	7	504008	7102661	NAD 27	A9923133
VR54848A	Sixty Mile	SL	RZ	19990709			7	504058	7102661	NAD 27	A9923133
VR54849A	Sixty Mile	SL	RZ	19990709	GOOD	GOOD QUALITY SAMPLE.	7	504058	7102711	NAD 27	A9923133
VR54850A	Sixty Mile	SL	RZ	19990709	GOOD	GOOD QUALITY SAMPLE.	7	504058	7102761	NAD 27	A9923133
VR54851A	Sixty Mile	SL	RZ	19990709	POOR	BLOCKY QTZ TALUS AND MOSS IN SAMPLE.	7	504058	7102811	NAD 27	A9923133
VR54852A	Sixty Mile	SL	RZ	19990709	GOOD	GOOD QUALITY SAMPLE.	7	504108	7102711	NAD 27	A9923133
VR54853A	Sixty Mile	SL	RZ	19990709	GOOD	GOOD QUALITY SAMPLE.	7	504108	7102661	NAD 27	A9923133
VR54854A	Sixty Mile	SL	RZ	19990709	GOOD	GOOD QUALITY SAMPLE.	7	504158	7102661	NAD 27	A9923133
VR54855A	Sixty Mile	SL	RZ	19990709	GOOD	GOOD QUALITY SAMPLE.	7	504158	7102711	NAD 27	A9923133
VR54856A	Sixty Mile	SL	RZ	19990709	GOOD	GOOD QUALITY SAMPLE.	7	504158	7102761	NAD 27	A9923133
VR54857A	Sixty Mile	SL	RZ	19990709	POOR	BLOCKY QTZ TALUS AND MOSS.	7	504158	7102811	NAD 27	A9923133
VR54858A	Sixty Mile	SL	RZ	19990709	MOD	BLOCKY QTZ TALUS AND MOSS. DUPLICATE OF SAMPLE VR54859.	7	504158	7102861	NAD 27	A9923133
VR54859A	Sixty Mile	SL	RZ	19990709	MOD	DUPLICATE OF SAMPLE VR54858. MODERATE SAMPLE QUALITY.	7	504158	7102861	NAD 27	A9923133
VR54860A	Sixty Mile	SL	RZ	19990709	POOR	BLOCKY QTZ TALUS AND MOSS.	7	504208	7102811	NAD 27	A9923133
VR54861A	Sixty Mile	SL	RZ	19990709	POOR	SAMPLE IS OF POOR QUALITY AND CONSITS OF BLOCKY QTZ TALUS AND MOSS. THIS SAMPLE HAS BEEN MARKED AS HAVING BEEN TAKEN FROM BOTH THE A AND B HORIZONS.	7	504208	7102761	NAD 27	A9923133
VR54862A	Sixty Mile	SL	RZ	19990709	MOD		7	504208	7102711	NAD 27	A9923133
VR54863A	Sixty Mile	SL	RZ	19990709	MOD		7	504208	7102661	NAD 27	A9923133
VR54894A	Sixty Mile	SL	RZ	19990714	GOOD	Meta sed rock chip.	7	504924	7097207	NAD 27	A9923569
VR54895A	Sixty Mile	SL	RZ	19990714	GOOD		7	504855	7097254	NAD 27	A9923569
VR54896A	Sixty Mile	SL	RZ	19990714	MOD		7	504806	7097330	NAD 27	A9923569
VR54897A	Sixty Mile	SL	RZ	19990714	GOOD		7	504679	7097403	NAD 27	A9923569
VR54898A	Sixty Mile	SL	RZ	19990714		Missing card so no data entry	7	504580	7097495	NAD 27	A9923569

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR54810A		-1	3.2	0	0.06	0.19	-10	10	-0.05	0.04	0.01	0.02	0.6	5	2.8	0.4	0.8	-0.1	0.01	0.01	-10	0.05	20	0.2
VR54839A		165	31.4	0	0.18	1.89	-10	100	0.4	0.22	0.08	0.24	10	24	43.8	3.35	4.9	-0.1	0.08	0.05	-10	0.34	310	2.2
VR54840A		38	15.6	0	0.2	2.11	-10	120	0.35	0.21	0.07	0.28	11.6	27	25.6	3.01	6.3	-0.1	0.11	0.04	-10	0.36	435	1.6
VR54841A		46	30	0	0.88	2.12	-10	120	0.55	0.31	0.17	0.7	37.8	28	89.4	5.01	6.8	0.1	0.07	0.1	40	0.83	1805	3.8
VR54842A		35	20	0	0.66	1.49	-10	130	0.4	0.23	0.11	1.32	32.4	24	59.6	3.63	5.6	0.1	0.05	0.09	10	0.55	1500	3.4
VR54843A		22	20.2	0	0.54	1.65	-10	130	0.55	0.27	0.16	0.8	31.2	27	79.8	4.51	6.1	0.1	0.04	0.11	30	0.58	1820	3.4
VR54844A		12	7.8	0	0.14	1.13	-10	50	0.15	0.12	0.06	0.12	4	11	19.6	1.52	3.9	-0.1	0.02	0.02	-10	0.12	120	1
VR54845A		16	38.6	0	0.18	1.93	-10	80	0.55	0.16	0.06	0.22	10.8	23	36.8	3.13	4.3	-0.1	0.03	0.04	-10	0.31	285	1.8
VR54846A		13	75.6	0	2.3	2.33	-10	70	0.35	0.18	0.06	0.3	18.2	27	45.6	3.62	4.9	-0.1	0.16	0.04	-10	0.25	750	3
VR54847A		22	89.8	0	0.3	1.58	-10	80	0.45	0.19	0.04	0.34	9.4	23	63.4	3.59	4.1	-0.1	0.04	0.04	-10	0.25	220	2.6
VR54848A		7	35	0	0.2	1.61	-10	70	0.45	0.2	0.04	0.3	11	23	51.3	3.46	4.9	-0.1	0.07	0.04	-10	0.27	265	2
VR54849A		16	36.6	0	0.1	1.71	-10	70	0.45	0.17	0.06	0.14	7	23	41	3.31	5	-0.1	0.04	0.04	-10	0.29	180	2
VR54850A		21	35	0	0.16	2.07	-10	100	0.4	0.19	0.09	0.24	10.4	27	38.6	3.03	5.5	-0.1	0.04	0.05	10	0.43	320	1.8
VR54851A		12	29.8	0	0.92	1.48	-10	110	0.35	0.2	0.08	0.7	39.4	19	83.9	2.76	4.7	-0.1	0.13	0.04	-10	0.24	1640	2.8
VR54852A		55	69.2	0	0.16	2.04	-10	90	0.45	0.17	0.12	0.38	11.4	27	49	3.16	4.9	-0.1	0.03	0.05	-10	0.53	250	2
VR54853A		7	14	0	0.18	2.27	-10	70	0.4	0.23	0.06	0.22	8.2	25	29.8	2.58	7.5	-0.1	0.09	0.04	-10	0.29	170	1.8
VR54854A		15	12.6	0	0.2	2.29	-10	110	0.55	0.19	0.12	0.24	11.6	28	31.8	2.82	5.7	-0.1	0.04	0.06	-10	0.52	305	1.2
VR54855A		9	34.2	0	0.12	1.63	-10	80	0.3	0.21	0.06	0.46	6.6	25	44.2	3.44	6.5	-0.1	-0.01	0.05	-10	0.39	230	1.8
VR54856A		13	24.6	0	0.5	2.68	-10	130	0.6	0.27	0.08	0.32	16	31	66.7	3.81	6.1	-0.1	0.1	0.06	-10	0.47	325	2.8
VR54857A		13	35	0	0.38	2.25	-10	140	0.4	0.23	0.09	0.32	12.8	27	41.6	3.2	5.6	-0.1	0.08	0.05	10	0.42	430	2
VR54858A		6	21.2	0	0.38	1.98	-10	90	0.4	0.22	0.07	1.28	12.4	25	38	3.02	6	-0.1	0.12	0.05	-10	0.35	500	1.8
VR54859A		15	21	0	0.32	1.9	-10	90	0.45	0.21	0.08	1.16	13	26	37.2	2.97	5.7	-0.1	0.12	0.05	-10	0.35	530	1.8
VR54860A		5	22.2	0	0.3	1.59	-10	60	0.3	0.2	0.05	0.22	8	20	32.4	2.64	5.3	-0.1	0.08	0.04	-10	0.24	445	2
VR54861A		3	5.2	0	0.22	1.23	-10	60	0.2	0.1	0.07	0.2	5.4	7	23.6	1.14	3.5	-0.1	0.11	0.02	-10	0.09	605	0.8
VR54862A		4	12.6	0	0.3	2.18	-10	120	0.45	0.21	0.07	0.26	7.6	23	23	2.71	6.4	-0.1	0.05	0.04	-10	0.32	215	1.4
VR54863A		6	13	0	0.34	2.5	-10	90	0.4	0.17	0.09	0.28	12	28	27.6	2.79	5.8	-0.1	0.09	0.06	-10	0.47	295	1.2
VR54894A		13	122.5	0	0.2	1.32	-10	140	0.3	0.19	0.12	0.2	7.4	27	24.2	2.63	4.4	-0.1	0.05	0.05	10	0.39	340	1.6
VR54895A		7	74.6	0	0.22	1.8	-10	210	0.35	0.19	0.16	0.16	7.4	32	23.4	2.88	5.4	-0.1	0.06	0.05	-10	0.48	260	1.2
VR54896A		6	91.6	0	0.18	1.56	-10	140	0.2	0.26	0.08	0.16	4.8	23	20.8	2.82	7.2	-0.1	0.04	0.04	-10	0.24	185	1.8
VR54897A		8	110	0	0.16	1.85	-10	280	0.4	0.22	0.17	0.14	9	33	32.6	3.01	5.3	-0.1	0.04	0.05	10	0.5	360	1.4
VR54898A		7	267	0	0.14	1.85	-10	140	0.45	0.22	0.12	0.26	11.2	46	31.4	3.35	5.7	-0.1	0.04	0.05	10	0.51	565	1.6

Sample		Ni	P	Pb		Sb	Sc	Sr	Te		Tl	U	V	W	Zn	Duplicate	Resample
Number	Na %	ppm	ppm	ppm	S %	ppm	ppm	ppm	ppm	Ti %	ppm	ppm	ppm	ppm	ppm	Pair	Number
VR54810A	-0.01	1	100	-2	-0.01	-0.1	-1	1	-0.05	0.01	0.02	0.05	8	0.1	8	F	
VR54839A	0.01	20	600	6	0.03	0.8	2	11	0	0.05	0.1	1.5	47	0.2	78	T	VR83058A
VR54840A	0.01	17	510	10	0.05	0.6	1	11	0	0.06	0.12	0.9	60	0.2	72	F	
VR54841A	0.01	62	1330	20	0.03	0.7	4	17	0	0.03	0.18	5.15	50	0.15	242	F	
VR54842A	0.01	62	970	18	0.04	0.7	3	15	0	0.03	0.14	3	40	0.15	228	F	
VR54843A	0.01	57	1190	14	0.04	0.7	3	20	0	0.03	0.12	3.05	46	0.2	220	F	
VR54844A	0.02	7	440	2	0.04	0.3	-1	9	0	0.04	0.08	0.5	31	0.05	34	F	
VR54845A	0.01	22	410	-2	0.01	0.6	2	10	0	0.05	0.12	1	44	0.15	78	F	
VR54846A	0.01	25	690	8	0.04	0.7	1	12	0	0.04	0.2	1.25	49	0.2	84	F	
VR54847A	0.01	25	650	2	0.02	1	2	9	0	0.03	0.14	2.15	41	0.15	88	F	
VR54848A	0.01	25	470	2	0.02	1	1	9	0	0.04	0.12	1.8	49	0.15	84	F	
VR54849A	0.01	16	450	2	0.02	0.7	1	10	0	0.05	0.08	1.25	46	0.15	56	F	
VR54850A	0.01	19	640	2	0.03	0.6	3	13	0	0.05	0.12	1.7	49	0.2	74	F	
VR54851A	0.01	38	970	-2	0.04	0.8	1	17	0	0.04	0.26	2.55	43	0.15	178	F	
VR54852A	0.01	22	710	10	0.02	0.6	3	14	0	0.05	0.12	1.65	46	0.2	84	F	
VR54853A	0.01	13	320	2	0.02	0.5	3	9	0	0.06	0.14	1.25	59	0.2	44	F	
VR54854A	0.01	21	420	8	0.01	0.6	3	13	0	0.06	0.12	0.95	53	0.2	60	F	
VR54855A	0.01	19	370	8	0.03	0.6	1	12	0	0.06	0.12	0.95	55	0.15	86	F	
VR54856A	0.01	30	800	4	0.02	0.8	3	14	0	0.04	0.22	2.35	50	0.25	98	F	
VR54857A	0.01	22	590	6	0.04	0.6	1	15	0	0.04	0.1	1.5	52	0.2	84	F	
VR54858A	0.01	28	470	8	0.03	0.7	1	12	0	0.05	0.1	1.35	54	0.2	108	T	VR54859A
VR54859A	0.01	28	500	2	0.03	0.6	1	12	0	0.05	0.1	1.3	53	0.2	118	T	VR54858A
VR54860A	0.01	14	620	8	0.05	0.6	-1	10	0	0.04	0.14	0.95	46	0.15	62	F	
VR54861A	0.03	8	510	-2	0.04	0.2	-1	9	0	0.03	0.08	0.45	20	0.05	40	F	
VR54862A	-0.01	15	300	10	0.02	0.5	2	11	0	0.06	0.12	0.75	58	0.2	52	F	
VR54863A	0.01	23	370	2	0.03	0.6	2	12	0	0.06	0.1	0.6	56	0.2	68	F	
VR54894A	0.01	15	420	4	0.02	0.7	2	16	0.05	0.05	0.08	0.85	48	0.3	60	F	
VR54895A	0.01	20	540	2	0.01	0.5	3	21	-0.05	0.06	0.08	0.95	54	0.25	66	F	
VR54896A	0.01	12	470	8	0.02	0.4	1	14	0.05	0.05	0.12	0.7	64	0.25	44	F	
VR54897A	0.01	23	440	8	0.01	0.6	5	23	0.05	0.06	0.1	1.3	57	0.25	66	F	
VR54898A	0.01	41	460	18	-0.01	0.6	4	17	0.05	0.06	0.12	1.05	59	0.25	90	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR54899A	Sixty Mile	SL	RZ	19990719	GOOD	Resampled VR53193. Micaceous.	7	506820	7097190	NAD 27	A9923861
VR54900A	Sixty Mile	SL	RZ	19990719	GOOD	Resampled VR53193. Micaceous.	7	506820	7097190	NAD 27	A9923861
VR54901A	Sixty Mile	SL	RZ	19990814	GOOD		7	501141	7100559	NAD 27	A9927000
VR54902A	Sixty Mile	SL	RZ	19990814	GOOD		7	501141	7100559	NAD 27	A9927000
VR54903A	Sixty Mile	SL	RZ	19990814	GOOD		7	501063	7100629	NAD 27	A9927000
VR54904A	Sixty Mile	SL	RZ	19990814	GOOD		7	500972	7100671	NAD 27	A9927000
VR54905A	Sixty Mile	SL	RZ	19990814	GOOD		7	500876	7100725	NAD 27	A9927000
VR54906A	Sixty Mile	SL	RZ	19990814	POOR	quartzite chips	7	500784	7100780	NAD 27	A9927000
VR54907A	Sixty Mile	SL	RZ	19990814	GOOD		7	500676	7100812	NAD 27	A9927000
VR54908A	Sixty Mile	SL	RZ	19990814	GOOD	quartzite chips	7	500571	7100912	NAD 27	A9927000
VR54909A	Sixty Mile	SL	RZ	19990814	GOOD		7	500439	7100969	NAD 27	A9927000
VR54910A	Sixty Mile	SL	RZ	19990815	GOOD	quartzite chips	7	507998	7101751	NAD 27	A9927000
VR54911A	Sixty Mile	SL	RZ	19990815	GOOD	micaceous quartzite	7	508223	7101716	NAD 27	A9927000
VR54912A	Sixty Mile	SL	RZ	19990815	GOOD	black shaly weathering chips	7	508418	7101666	NAD 27	A9927000
VR54913A	Sixty Mile	SL	RZ	19990815	GOOD	gray schist chips	7	508630	7101598	NAD 27	A9927000
VR54914A	Sixty Mile	SL	RZ	19990815	GOOD		7	508823	7101597	NAD 27	A9927000
VR54915A	Sixty Mile	SL	RZ	19990822	MOD		7	503857	7095445	NAD 27	A9927866
VR54916A	Sixty Mile	SL	RZ	19990822	GOOD	micaceous soil; tan-gray muscovite-quartz schist, Klondike? Fragments	7	503710	7095319	NAD 27	A9927866
VR54917A	Sixty Mile	SL	RZ	19990822	GOOD	decomposes schist	7	503669	7095098	NAD 27	A9927866
VR54925A	Sixty Mile	SL	RZ	19990822		in saddle	7	502845	7094123	NAD 27	A9927866
VR54926A	Sixty Mile	SL	RZ	19990822		in another saddle	7	502703	7093978	NAD 27	A9927866
VR54927A	Sixty Mile	SL	RZ	19990822	GOOD	slides in bag real nice	7	502691	7094166	NAD 27	A9927866
VR54928A	Sixty Mile	SL	RZ	19990822	GOOD	musc-qtz schist chips	7	502730	7094377	NAD 27	A9927866
VR54929A	Sixty Mile	SL	RZ	19990822	GOOD		7	502744	7094572	NAD 27	A9927866
VR54930A	Sixty Mile	SL	RZ	19990822	GOOD		7	502737	7094752	NAD 27	A9927866
VR54931A	Sixty Mile	SL	RZ	19990822	MOD		7	502730	7094973	NAD 27	A9927866
VR54932A	Sixty Mile	SL	RZ	19990822	GOOD		7	502755	7095184	NAD 27	A9927866
VR54933A	Sixty Mile	SL	RZ	19990822	MOD		7	502861	7095358	NAD 27	A9927866
VR54934A	Sixty Mile	SL	RZ	19990822	POOR		7	502982	7095526	NAD 27	A9927866
VR54935A	Sixty Mile	SL	RZ	19990822	POOR	frozen at depth	7	503104	7095648	NAD 27	A9927866
VR57662A	Sixty Mile	SL	FA/AC	19980815		WT QTZ VEN fragments common; Nasina BK SCH; good B horizon.	7	503996	7098206	NAD 27	A9828573
VR57663A	Sixty Mile	SL	FA/AC	19980815		goo soil, B/C horizon; GRA along FOL.	7	504203	7098064	NAD 27	A9828573
VR57664A	Sixty Mile	SL	FA/AC	19980815		good decomposed bedrock.	7	504316	7097909	NAD 27	A9828573
VR57665A	Sixty Mile	SL	FA/AC	19980815		good MIC C horizon	7	504455	7097768	NAD 27	A9828573
VR57666A	Sixty Mile	SL	FA/AC	19980815		TA WEA FEL-MUS SCH at sample site, GRA SCH around site.	7	504638	7097701	NAD 27	A9828573
VR57667A	Sixty Mile	SL	FA/AC	19980815		fair, rocky scree sample	7	504816	7097588	NAD 27	A9828573
VR57668A	Sixty Mile	SL	FA/AC	19980815		poor sample, no soil	7	505003	7097538	NAD 27	A9828573
VR57669A	Sixty Mile	SL	FA/AC	19980815		good decomposed bedrock	7	505172	7097407	NAD 27	A9828573

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR54899A		310	41.6	0	0.52	1.48	-10	480	0.65	0.43	0.47	0.4	8.6	32	20.4	2.81	4.3	-0.1	0.08	0.07	50	0.52	550	1.4
VR54900A		32	39.4	0	0.46	1.45	-10	460	0.5	0.36	0.44	0.34	8.2	30	20	2.78	4	0.1	0.05	0.07	50	0.52	535	1.2
VR54901A		52	130.5	0	2.72	0.83	-10	270	0.25	1.33	0.06	0.24	4.2	18	51	4.4	2.6	-0.1	0.2	0.31	10	0.15	260	5.4
VR54902A		44	136.5	0	2.8	0.77	-10	260	0.2	1.33	0.05	0.22	3.8	16	50	4.38	2.5	-0.1	0.34	0.3	10	0.13	225	5.6
VR54903A		8	39.4	0	0.78	1.74	-10	340	0.45	0.37	0.31	0.98	12.4	51	49	3.47	4.1	-0.1	0.2	0.07	10	0.7	395	2
VR54904A		4	40.8	0	0.68	1.74	-10	340	0.5	0.37	0.32	0.92	12.8	54	44	3.85	4.2	-0.1	0.16	0.06	10	0.66	365	3.6
VR54905A		2	77.2	0	0.84	1.62	-10	310	0.55	0.35	0.31	0.86	12.2	40	44.4	4.27	3.9	-0.1	0.17	0.06	10	0.49	245	11.6
VR54906A		-1	423	0	1.38	2.04	-10	430	0.8	0.35	0.44	1.86	15.6	78	69.6	4.39	5.8	0.1	0.13	0.08	20	1.41	595	11.6
VR54907A		-1	143	0	0.56	1.77	-10	140	0.55	0.25	0.11	0.76	10.4	38	31.8	3.92	5.1	0.1	0.14	0.16	30	0.67	415	2.2
VR54908A		3	224	0	1	2.43	-10	230	1	0.44	0.11	2.6	18.8	41	106.5	6.07	6	0.1	0.17	0.15	30	0.58	1680	6.6
VR54909A		4	79.2	0	0.54	1.6	-10	110	0.5	0.23	0.15	0.48	10	29	26.8	3.4	3.8	-0.1	0.11	0.08	10	0.54	345	3.2
VR54910A		4	34.8	0	0.52	1.16	-10	160	0.35	0.18	0.13	0.28	6.8	24	41.6	2.73	2.9	-0.1	0.09	0.05	10	0.33	320	1.6
VR54911A		5	126	0	0.5	1.25	-10	140	0.35	0.17	0.08	0.28	9.6	26	40.2	3.39	3	-0.1	0.06	0.05	-10	0.56	350	1.2
VR54912A		-1	32.4	0	0.26	2.07	-10	2080	0.45	0.22	0.11	1.12	11	34	46	3.21	4.2	-0.1	0.08	0.05	-10	0.52	400	2.8
VR54913A		-1	15.6	0	1.04	1.64	-10	360	0.75	0.18	0.91	0.5	10.8	31	51.1	3.57	3.3	-0.1	0.15	0.04	10	0.74	700	2.6
VR54914A		2	26.2	0	0.42	1.08	-10	220	0.35	0.15	0.13	0.12	7.2	25	28.6	2.66	2.7	-0.1	0.06	0.04	10	0.27	190	1.8
VR54915A		4	5.6	0	0.78	1.08	-10	110	0.25	0.21	0.13	0.44	16.2	33	33.6	2.95	3.2	-0.1	0.1	0.04	10	0.27	965	1.8
VR54916A		2	4	0	0.16	1.7	-10	160	0.2	0.42	0.28	0.32	15.2	106	35.2	2.89	5.1	-0.1	-0.01	0.16	10	1.47	955	1.8
VR54917A		-2	3.8	0	0.06	1.8	-10	140	0.35	0.1	0.22	0.1	25.6	349	41.8	2.05	3.4	-0.1	0.07	0.04	-10	2.19	200	0.2
VR54925A		-1	8.4	0	0.08	2.42	-10	260	0.6	0.2	0.24	0.1	12.6	81	42.2	3.86	7	-0.1	0.08	0.05	10	0.73	355	1.4
VR54926A		-1	6.4	0	0.06	2.1	-10	130	0.7	0.27	0.08	0.08	18	35	44.8	4.95	5	0.1	0.07	0.13	60	0.42	770	1.2
VR54927A		3	10.6	0	0.16	2.08	-10	210	0.5	0.18	0.23	0.08	13	72	52.3	4.12	5.1	-0.1	0.06	0.08	10	0.65	455	0.8
VR54928A		-1	6.6	0	0.22	1.84	-10	290	0.65	0.23	0.53	0.16	13.6	47	42.4	3.52	4.8	-0.1	0.14	0.17	30	0.71	605	0.8
VR54929A		2	6	0	0.12	1.8	-10	220	0.65	0.21	0.29	0.12	13.4	52	35.8	3.4	4.6	-0.1	-0.01	0.13	30	0.69	480	1.2
VR54930A		5	8.6	0	0.24	2.03	-10	250	0.4	0.19	0.25	0.24	15	100	24.8	3.48	4.9	-0.1	0.04	0.05	-10	0.94	480	1.6
VR54931A		-1	2.6	0	-0.02	2.59	-10	30	0.2	0.13	0.13	0.08	10.2	30	6.4	4.14	7.5	-0.1	0.03	0.04	-10	2.01	520	1
VR54932A		2	14.8	0	0.18	2.25	-10	310	0.45	0.16	0.24	0.14	12.2	44	34.8	3.32	4.8	-0.1	0.07	0.05	10	0.57	610	1.2
VR54933A		32	20.8	0	1.2	1.07	-10	170	0.25	0.26	0.34	0.58	13.8	38	56.5	3.76	3	-0.1	0.07	0.05	10	0.31	1375	3
VR54934A		2	26.6	0	0.64	1.08	-10	120	0.25	0.24	0.17	0.24	7	28	18	3.25	3.6	-0.1	0.08	0.04	-10	0.26	560	3
VR54935A		4	17.8	0	0.38	1.33	-10	110	0.15	0.16	0.12	0.22	7.4	26	21.4	3.05	3.4	-0.1	0.1	0.04	-10	0.27	425	1.8
VR57662A		-5	184	0	-0.2	3.05	0	130	-0.5	-2	0.19	0.5	15	36	26	3.3	-10	0	-1	0.08	10	0.66	425	2
VR57663A		-5	504	0	-0.2	2.59	0	140	-0.5	-2	0.13	0.5	17	33	42	3.94	-10	0	-1	0.08	10	0.45	725	2
VR57664A		-5	22	0	-0.2	2.49	0	140	-0.5	-2	0.14	-0.5	8	32	17	3.54	-10	0	1	0.05	10	0.43	260	1
VR57665A		-5	466	0	0.4	1.2	0	110	-0.5	-2	0.11	0.5	7	20	39	2.95	-10	0	-1	0.06	10	0.26	190	5
VR57666A		5	68	0	-0.2	1.53	0	130	-0.5	-2	0.12	-0.5	15	47	32	3.88	-10	0	-1	0.05	10	0.36	490	1
VR57667A		10	288	0	-0.2	1.77	0	120	-0.5	-2	0.1	-0.5	8	29	32	3.09	-10	0	-1	0.06	10	0.33	300	3
VR57668A		5	160	0	-0.2	1.11	0	190	-0.5	-2	0.08	0.5	5	20	37	2.55	-10	0	-1	0.05	10	0.22	145	1
VR57669A		10	302	0	-0.2	1.94	0	190	-0.5	-2	0.12	-0.5	8	30	34	2.9	-10	0	-1	0.06	10	0.39	250	2

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR54899A	0.01	17	460	46	0.04	0.9	4	48	-0.05	0.03	0.12	5.95	37	0.4	92	T	VR54900A
VR54900A	0.01	17	430	40	0.03	0.6	4	45	-0.05	0.03	0.1	5.55	35	0.3	88	T	VR54899A
VR54901A	0.01	12	860	48	0.63	3.1	1	27	0.2	0.02	1.7	0.9	35	0.4	60	T	VR54902A
VR54902A	0.01	11	840	42	0.64	3.2	1	25	0.2	0.02	1.7	0.9	33	0.4	60	T	VR54901A
VR54903A	0.01	33	800	28	0.03	1.2	7	26	0.05	0.08	0.34	1.3	62	0.25	110	F	
VR54904A	0.01	30	720	40	0.01	1	7	25	0.05	0.07	0.22	1.45	67	0.2	114	F	
VR54905A	0.01	34	840	90	0.01	1.8	6	20	0.05	0.05	0.2	2.1	83	0.5	152	F	
VR54906A	0.01	74	1130	86	0.03	0.8	10	26	0.05	0.06	0.34	1.5	107	0.35	254	F	
VR54907A	-0.01	49	720	38	0.05	0.5	3	9	0.05	0.05	0.22	0.9	55	0.35	206	F	
VR54908A	-0.01	111	1440	42	0.07	1.4	5	15	0.15	0.04	0.42	2.25	71	0.4	496	F	
VR54909A	-0.01	30	620	28	0.03	0.5	2	13	0.05	0.06	0.14	0.75	50	0.7	126	F	
VR54910A	-0.01	24	580	28	0.01	0.4	3	18	0.05	0.04	0.06	1	41	0.15	94	F	
VR54911A	-0.01	38	360	12	0.03	0.7	2	12	0.05	0.04	0.06	0.7	35	0.2	112	F	
VR54912A	0.01	38	490	38	0.04	0.6	4	22	0.05	0.06	0.06	1.3	63	0.2	192	F	
VR54913A	0.01	50	400	20	0.01	0.4	6	26	0.05	0.04	0.12	1.55	55	0.2	146	F	
VR54914A	-0.01	34	300	18	0.01	1.5	4	21	-0.05	0.04	0.1	1.1	43	0.3	86	F	
VR54915A	0.01	27	790	12	0.04	0.5	2	12	0.05	0.04	0.18	2.2	37	0.2	78	F	
VR54916A	0.01	67	530	26	0.02	0.3	3	18	0.05	0.06	0.18	0.8	43	0.15	130	F	
VR54917A	-0.01	317	190	2	0.01	0.5	4	18	-0.05	0.04	0.1	0.6	31	0.05	40	F	
VR54925A	0.01	40	440	8	-0.01	0.4	5	17	0.05	0.05	0.1	0.6	79	0.2	54	F	
VR54926A	0.01	49	420	18	0.08	0.3	5	23	0.05	0.03	0.26	2.9	37	0.3	90	F	
VR54927A	-0.01	60	670	10	0.01	0.5	7	17	0.05	0.04	0.12	0.95	63	0.4	84	F	
VR54928A	0.01	36	750	14	0.03	0.4	5	24	0.05	0.06	0.18	1.65	48	0.3	80	F	
VR54929A	0.01	38	590	16	0.01	0.3	4	19	-0.05	0.05	0.16	0.9	47	0.2	84	F	
VR54930A	0.01	83	390	12	0.01	0.5	3	23	0.05	0.06	0.1	0.5	57	0.2	84	F	
VR54931A	0.01	7	820	8	0.01	0.3	5	7	-0.05	0.04	0.04	0.35	76	0.05	50	F	
VR54932A	0.01	31	500	8	0.01	0.6	6	23	-0.05	0.06	0.1	1.15	57	0.15	74	F	
VR54933A	0.01	44	930	8	0.07	1.9	3	25	0.05	0.03	0.2	1.8	39	0.3	114	F	
VR54934A	0.01	15	750	10	0.04	1.7	2	18	0.05	0.03	0.12	0.75	59	0.35	56	F	
VR54935A	0.01	16	600	8	0.04	1.1	2	13	0.05	0.03	0.16	0.9	45	0.45	56	F	
VR57662A	-0.01	35	360	50	0	-2	5	15	0	0.08	-10	-10	58	-10	78	F	
VR57663A	-0.01	41	540	8	0	-2	4	16	0	0.05	-10	-10	51	-10	94	F	
VR57664A	-0.01	19	250	10	0	-2	4	15	0	0.1	-10	-10	82	-10	48	F	
VR57665A	-0.01	19	770	74	0	-2	3	30	0	0.03	-10	-10	38	-10	86	F	
VR57666A	-0.01	42	500	16	0	-2	4	12	0	0.03	-10	-10	52	-10	74	F	
VR57667A	-0.01	16	530	18	0	-2	3	16	0	0.05	-10	-10	51	-10	46	F	
VR57668A	-0.01	14	470	16	0	-2	2	14	0	0.03	-10	-10	33	-10	42	F	
VR57669A	-0.01	18	470	12	0	-2	5	17	0	0.06	-10	-10	49	-10	50	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR57670A	Sixty Mile	SL	FA/AC	19980815		good decomposed SCH, MIC.	7	505337	7097289	NAD 27	A9828573
VR57671A	Sixty Mile	SL	FA/AC	19980815		fair sample of B horizon.	7	505527	7097261	NAD 27	A9828573
VR57672A	Sixty Mile	SL	FA/AC	19980815		good B/C horizon, low clay content.	7	505706	7097375	NAD 27	A9828573
VR57673A	Sixty Mile	SL	FA/AC	19980815		good B/C horizon, minor A and organics.	7	505868	7097524	NAD 27	A9828573
VR57674A	Sixty Mile	SL	FA/AC	19980815		good B.	7	506034	7097623	NAD 27	A9828573
VR57675A	Sixty Mile	SL	FA/AC	19980815		GOOD SAMPLE; CARBONACEOUS SCHIST/GNEISS	7	506179	7097801	NAD 27	A9828573
VR57676A	Sixty Mile	SL	FA/AC	19980815		FAIR SAMPLE; SOMEB, MOSTLY HUMIC A HORIZON ON A NORTH FACING SLOPE.	7	506327	7097926	NAD 27	A9828573
VR57677A	Sixty Mile	SL	FA/AC	19980815		GOOD SAMPLE; GRAPHITIC, MICACEOUS SCHIST. Area has been stripped but not disturbed.	7	506373	7098061	NAD 27	A9828573
VR57687A	Sixty Mile	SL	FA/CL	19980824		Good B; BN WEA, dak grey MIC SCH.	7	504091	7098155	NAD 27	A9829268
VR57688A	Sixty Mile	SL	FA/CL	19980824		good clay rich B/C horizon	7	504210	7098008	NAD 27	A9829268
VR57689A	Sixty Mile	SL	FA/CL	19980824		good sample	7	504397	7097867	NAD 27	A9829268
VR57690A	Sixty Mile	SL	FACL	19980824		good sample	7	504549	7097696	NAD 27	A9829268
VR57691A	Sixty Mile	SL	FA/CL	19980824		good sample	7	504720	7097607	NAD 27	A9829268
VR57692A	Sixty Mile	SL	FA/CL	19980824		good sample	7	504849	7097551	NAD 27	A9829268
VR57693A	Sixty Mile	SL	FA/CL	19980824		good sample	7	505053	7097484	NAD 27	A9829268
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
VR57790A	Sixty Mile	SL	FA/JB	19980911		good sample	7	506859	7099494	NAD 27	A9831725
VR57791A	Sixty Mile	SL	FA/JB	19980912		good sample; B/C horizon.	7	506653	7099069	NAD 27	A9831725
VR57792A	Sixty Mile	SL	FA/JB	19980912		good sample; on Peter Ross's claims?	7	506802	7099202	NAD 27	A9831725
VR57793A	Sixty Mile	SL	FA/JB	19980912		good sample	7	507018	7099248	NAD 27	A9831725
VR57794A	Sixty Mile	SL	FA/JB	19980912		good sample	7	507112	7099259	NAD 27	A9831725
VR57795A	Sixty Mile	SL	FA/JB	19980912		good sample	7	507204	7099189	NAD 27	A9831725
VR57796A	Sixty Mile	SL	FA/JB	19980912		good sample	7	507288	7099174	NAD 27	A9831725
VR57829A	Sixty Mile	SL	RH/CL	19980912		30% ash continuation; road traverse; samples collected from uphill bank below undisturbed ground.	7	500432	7101588	NAD 27	A9831725
VR57830A	Sixty Mile	SL	RH/CL	19980912		some ash	7	500570	7101636	NAD 27	A9831725
VR57831A	Sixty Mile	SL	RH/CL	19980912		good sample	7	500638	7101678	NAD 27	A9831725
VR57832A	Sixty Mile	SL	RH/CL	19980912			7	500723	7101714	NAD 27	A9831725
VR57834A	Sixty Mile	SL	RH/CL	19980912			7	500920	7101825	NAD 27	A9831725
VR57835A	Sixty Mile	SL	RH/CL	19980912		okay sample	7	501010	7101874	NAD 27	A9831725
VR57836A	Sixty Mile	SL	RH/CL	19980912			7	501106	7101953	NAD 27	A9831725
VR57837A	Sixty Mile	SL	RH/CL	19980912		okay sample	7	501195	7101972	NAD 27	A9831725
VR57838A	Sixty Mile	SL	RH/CL	19980912		okay sample	7	501294	7101981	NAD 27	A9831725
VR57839A	Sixty Mile	SL	RH/CL	19980912		End of 1.0km soil line VR57829 to VR57839; okay sample.	7	501383	7102025	NAD 27	A9831725
VR57840A	Sixty Mile	SL	RH/CL	19980912		so-so sample.	7	500986	7101780	NAD 27	A9831725
VR57841A	Sixty Mile	SL	RH/CL	19980912			7	501056	7101679	NAD 27	A9831725
VR57842A	Sixty Mile	SL	RH/CL	19980912		so-so sample; some ash; GRA QZT pebbles.	7	501132	7101619	NAD 27	A9831725
VR57843A	Sixty Mile	SL	RH/CL	19980912		At grid BL 2500N, 307+50W and soil sample site 98GNS0126; sampled ash and A horizon at approx. 15cm.	7	501042	7101553	NAD 27	A9831725

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR57670A		-5	68	0	-0.2	1.54	0	220	-0.5	-2	0.27	-0.5	8	31	33	2.57	-10	0	-1	0.05	10	0.5	275	1
VR57671A		10	62	0	0.2	2.67	0	170	-0.5	-2	0.13	-0.5	12	34	25	3.07	-10	0	-1	0.06	10	0.5	315	1
VR57672A		35	274	0	0.6	2.3	0	170	-0.5	-2	0.09	-0.5	10	32	34	2.92	-10	0	-1	0.07	10	0.48	255	4
VR57673A		65	262	0	1	1.5	0	140	-0.5	-2	0.06	-0.5	5	22	16	2.45	-10	0	-1	0.08	10	0.23	170	4
VR57674A		25	198	0	0.2	2.53	0	260	-0.5	-2	0.2	0.5	12	38	29	3.31	-10	0	-1	0.07	10	0.55	560	3
VR57675A		20	284	0	0.2	1.41	0	190	-0.5	-2	0.14	-0.5	7	28	12	2.57	-10	0	1	0.07	10	0.4	330	4
VR57676A		25	222	0	0.6	1.6	0	150	-0.5	-2	0.14	-0.5	5	26	19	2.58	-10	0	-1	0.06	10	0.35	130	2
VR57677A		40	394	0	0.6	0.79	0	170	-0.5	-2	0.2	-0.5	8	19	35	2.64	-10	0	-1	0.06	20	0.2	195	4
VR57687A		-5	104	0	0.2	2.09	0	180	-0.5	-2	0.09	-0.5	19	35	78	4.19	-10	0	-1	0.07	10	0.53	1450	1
VR57688A		-5	142	0	0.4	1.73	0	200	-0.5	-2	0.23	-0.5	12	30	43	3.03	-10	0	-1	0.06	10	0.47	600	4
VR57689A		20	1685	0	0.2	2.05	0	160	-0.5	-2	0.1	-0.5	13	28	55	3.59	-10	0	-1	0.09	20	0.31	610	1
VR57690A		-5	320	0	-0.2	1.69	0	210	-0.5	-2	0.18	-0.5	19	34	50	4.41	-10	0	-1	0.09	20	0.37	1030	2
VR57691A		10	374	0	0.2	1.73	0	180	-0.5	-2	0.18	-0.5	7	30	31	2.64	-10	0	-1	0.08	10	0.41	230	1
VR57692A		10	290	0	-0.2	1.61	0	190	-0.5	-2	0.18	-0.5	7	28	39	2.58	-10	0	-1	0.08	30	0.38	210	3
VR57693A		-5	28	0	-0.2	2.69	0	240	-0.5	-2	0.27	-0.5	14	38	37	3.24	-10	0	-1	0.1	10	0.69	440	3
VR57789A		10	118	0	-0.2	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
VR57790A		10	58	0	-0.2	1.95	0	380	-0.5	-2	0.37	-0.5	12	39	72	3.17	-10	0	-1	0.07	10	0.55	510	1
VR57791A		15	54	0	0.2	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
VR57792A		15	118	0	-0.2	1.96	0	230	-0.5	-2	0.21	-0.5	11	41	71	3.23	-10	0	1	0.05	10	0.43	450	1
VR57793A		15	120	0	-0.2	1.53	0	210	-0.5	-2	0.14	0.5	22	33	56	4.81	-10	0	1	0.04	10	0.28	1080	2
VR57794A		15	78	0	-0.2	2	0	220	-0.5	-2	0.25	-0.5	10	35	29	2.99	-10	0	-1	0.04	10	0.52	360	1
VR57795A		10	56	0	-0.2	1.89	0	210	-0.5	-2	0.25	-0.5	11	36	29	2.84	-10	0	-1	0.05	10	0.53	405	1
VR57796A		10	28	0	-0.2	2.15	0	230	-0.5	-2	0.24	-0.5	9	35	30	2.7	-10	0	1	0.06	10	0.48	285	-1
VR57829A		-5	28	0	0.2	1.8	0	350	-0.5	-2	0.24	-0.5	9	40	29	2.43	-10	0	-1	0.06	10	0.59	300	-1
VR57830A		5	54	0	0.4	2.04	0	350	-0.5	-2	0.27	-0.5	11	41	41	3	-10	0	-1	0.08	10	0.58	385	1
VR57831A		5	74	0	0.2	2.18	0	210	-0.5	-2	0.25	-0.5	11	36	24	2.94	-10	0	-1	0.07	10	0.54	415	1
VR57832A		-5	44	0	-0.2	1.7	0	200	-0.5	-2	0.22	-0.5	8	33	27	2.55	-10	0	1	0.05	10	0.5	305	-1
VR57834A		-5	238	0	-0.2	1.83	0	190	-0.5	-2	0.21	-0.5	11	37	31	3.11	-10	0	-1	0.06	10	0.55	490	1
VR57835A		10	60	0	0.2	1.31	0	150	-0.5	-2	0.17	-0.5	7	30	29	2.44	-10	0	1	0.05	10	0.48	260	1
VR57836A		-5	20	0	-0.2	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
VR57837A		10	28	0	0.2	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
VR57838A		-5	20	0	0.2	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
VR57839A		5	16	0	0.2	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
VR57840A		-5	112	0	0.2	2.09	0	200	-0.5	-2	0.24	-0.5	14	48	34	3.29	-10	0	1	0.07	10	0.74	550	1
VR57841A		15	94	0	0.2	2.29	0	170	-0.5	-2	0.26	-0.5	12	157	27	3.08	10	0	-1	0.05	10	1.26	385	1
VR57842A		-5	52	0	0.2	2.23	0	270	-0.5	-2	0.27	-0.5	12	41	25	2.93	-10	0	-1	0.07	10	0.59	415	1
VR57843A		-5	40	0	0.2	1.93	0	180	-0.5	-2	0.26	-0.5	8	74	18	2.36	-10	0	1	0.06	10	0.8	205	-1

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR57670A	-0.01	20	480	16	0	-2	5	26	0	0.06	-10	-10	49	-10	54	F	
VR57671A	-0.01	27	460	12	0	2	4	16	0	0.06	-10	-10	51	-10	60	F	
VR57672A	-0.01	24	280	42	0	8	4	13	0	0.05	-10	-10	53	-10	56	F	
VR57673A	-0.01	13	290	52	0	6	1	11	0	0.05	-10	-10	46	-10	34	F	
VR57674A	-0.01	25	620	36	0	2	5	21	0	0.07	-10	-10	60	-10	86	F	
VR57675A	-0.01	14	460	22	0	2	3	28	0	0.06	-10	-10	62	-10	48	F	
VR57676A	-0.01	13	590	12	0	-2	3	17	0	0.05	-10	-10	45	-10	44	F	
VR57677A	-0.01	24	840	28	0	2	3	30	0	0.04	-10	-10	36	-10	72	F	
VR57687A	-0.01	53	540	12	0	-2	4	15	0	0.03	-10	-10	49	-10	108	F	
VR57688A	-0.01	39	450	10	0	-2	4	26	0	0.07	-10	-10	52	-10	96	F	
VR57689A	-0.01	34	380	88	0	-2	4	24	0	0.04	-10	-10	46	-10	96	F	
VR57690A	-0.01	52	470	30	0	-2	7	33	0	0.06	-10	-10	63	-10	144	F	
VR57691A	-0.01	18	380	24	0	-2	4	28	0	0.07	-10	-10	54	-10	54	F	
VR57692A	-0.01	17	420	12	0	-2	5	29	0	0.07	-10	-10	51	-10	50	F	
VR57693A	-0.01	30	360	12	0	-2	6	27	0	0.11	-10	-10	69	-10	70	F	
VR57789A	-0.01	31	680	26	0	-2	5	32	0	0.07	-10	-10	53	-10	78	F	
VR57790A	-0.01	34	750	16	0	-2	7	41	0	0.08	-10	-10	59	-10	100	F	
VR57791A	-0.01	35	620	12	0	-2	4	25	0	0.06	-10	-10	49	-10	86	F	
VR57792A	-0.01	34	900	14	0	-2	5	22	0	0.05	-10	-10	59	-10	92	F	
VR57793A	-0.01	79	940	28	0	-2	4	15	0	0.03	-10	-10	44	-10	256	F	
VR57794A	-0.01	27	600	12	0	-2	5	25	0	0.07	-10	-10	55	-10	74	F	
VR57795A	-0.01	28	520	12	0	-2	5	23	0	0.08	-10	-10	55	-10	82	F	
VR57796A	-0.01	23	540	10	0	-2	4	24	0	0.07	-10	-10	53	-10	70	F	
VR57829A	-0.01	25	470	12	0	-2	5	22	0	0.07	-10	-10	50	-10	100	F	
VR57830A	-0.01	30	640	10	0	-2	7	27	0	0.07	-10	-10	58	-10	108	F	
VR57831A	-0.01	21	600	14	0	-2	4	22	0	0.07	-10	-10	56	-10	86	F	
VR57832A	-0.01	20	530	12	0	-2	4	22	0	0.06	-10	-10	50	-10	70	F	
VR57834A	-0.01	30	600	18	0	-2	5	20	0	0.06	-10	-10	57	-10	98	F	
VR57835A	-0.01	22	430	16	0	-2	3	19	0	0.05	-10	-10	48	-10	84	F	
VR57836A	-0.01	20	480	16	0	-2	4	17	0	0.08	-10	-10	58	-10	74	F	
VR57837A	-0.01	20	610	14	0	-2	5	24	0	0.09	-10	-10	59	-10	66	F	
VR57838A	-0.01	21	490	16	0	-2	4	22	0	0.09	-10	-10	54	-10	70	F	
VR57839A	-0.01	18	530	14	0	-2	3	16	0	0.08	-10	-10	50	-10	58	F	
VR57840A	-0.01	37	630	16	0	-2	5	21	0	0.07	-10	-10	66	-10	114	F	
VR57841A	-0.01	36	640	14	0	-2	5	19	0	0.07	-10	-10	69	-10	86	F	
VR57842A	-0.01	28	600	22	0	-2	5	23	0	0.08	-10	-10	57	-10	114	F	
VR57843A	-0.01	25	540	12	0	-2	4	20	0	0.06	-10	-10	54	-10	72	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR57844A	Sixty Mile	SL	RH/CL	19980912		so-so sample	7	500979	7101620	NAD 27	A9831725
VR57845A	Sixty Mile	SL	RH/CL	19980912		okay sample	7	500898	7101710	NAD 27	A9831725
VR57846A	Sixty Mile	SL	RH/CL	19980912		BLE MIC QZT-SCH.	7	502589	7102822	NAD 27	A9831725
VR57847A	Sixty Mile	SL	RH/CL	19980912		over DIO DIK	7	502635	7102795	NAD 27	A9831725
VR57848A	Sixty Mile	SL	RH/CL	19980912		duplicate of VR57847.	7	502621	7102792	NAD 27	A9831725
VR57849A	Sixty Mile	SL	RH/CL	19980912		Some DIK rock - FL present.	7	502645	7102787	NAD 27	A9831725
VR57860A	Sixty Mile	SL	RH	19990605		SOIL SAMPLE TAKEN FROM STRIPPED AREA. HARD STACKED BOULDERS FROM OLD PLACER WORKING ARE LOCATED 50 m BELOW SAMPLE SITE. MOSS COVERED GROUND IS FROZEN. VERY DEEP O.B. OF SUB ANGULAR MICA QUARTZITE.	7	505886	7098872	NAD 27	A9919803
VR57861A	Sixty Mile	SL	RH	19990605		SAMPLE TAKEN FROM A STRIPPED AREA.	7	505889	7098670	NAD 27	A9919803
VR57862A	Sixty Mile	SL	RH	19990605		SAMPLE TAKEN ON NORTH EDGE OF ROAD NEAR RH99-009. THERE IS A SCHIST AND QUARTZITE OUTCROP AT THE SAMPLE LOCATION. QZT HAS JOINTS ORIENTED N - S. DRUSY QTZ FOUND ALONG JOINTS HAS A RUSTY BROWN COATING.	7	505975	7098607	NAD 27	A9919803
VR57863A	Sixty Mile	SL	RH	19990605		SAMPLE IS MARKED AS HAVING BEEN TAKEN FROM BOTH THE B AND C HORIZONS. SAMPLE WAS TAKEN FROM THE NORTH EDGE OF THE ROAD.	7	506032	7098586	NAD 27	A9919803
VR57864A	Sixty Mile	SL	RH	19990605		SAMPLE WAS TAKEN FROM A STRIPPED AREA.	7	506090	7098549	NAD 27	A9919803
VR57865A	Sixty Mile	SL	RH	19990605		SAMPLE TAKEN FROM STRIPPED AREA.	7	506180	7098499	NAD 27	A9919803
VR57866A	Sixty Mile	SL	RH	19990605			7	506289	7098428	NAD 27	A9919803
VR57867A	Sixty Mile	SL	RH	19990605		SAMPLE IS MARKED AS HAVING BEEN SAMPLED FROM BOTH THE B AND C HORIZONS?	7	506344	7098389	NAD 27	A9919803
VR57868A	Sixty Mile	SL	RH	19990605		SAMPLE TAKEN FROM A ROAD CUT. 60 cm OF O.B ABOVE OUT CROP.	7	506436	7098322	NAD 27	A9919803
VR57869A	Sixty Mile	SL	FA	19990619		SAMPLE WAS TAKEN FROM FROZEN GROUND. THE SAMPLE IS MARKED AS HAVING BEEN TAKEN FROM BOTH THE A AND B HORIZONS.	7	507806	7096972	NAD 27	A9921625
VR58046A	Sixty Mile	SL	RH	19980824		QZT talus.	7	504587	7098640	NAD 27	A9829268
VR58047A	Sixty Mile	SL	RH	19980824			7	504623	7098436	NAD 27	A9829268
VR58048A	Sixty Mile	SL	RH	19980824		*Minor cross cutting* LIM QTZ VEN in MUS QZT.	7	504666	7098261	NAD 27	A9829268
VR58049A	Sixty Mile	SL	RH	19980824		Ash in soil; poor sample.	7	504736	7098174	NAD 27	A9829268
VR58050A	Sixty Mile	SL	RH	19980824		Lots of ash in sample; poor sample	7	504825	7098137	NAD 27	A9829268
VR58051A	Sixty Mile	SL	RH	19980824		Rocky talus slope covered by moss; some ash in smaple; poor sample.	7	505019	7098219	NAD 27	A9829268
VR58052A	Sixty Mile	SL	RH	19980824		some ash	7	505155	7098235	NAD 27	A9829268
VR58053A	Sixty Mile	SL	RH	19980824			7	505306	7098348	NAD 27	A9829268
VR58054A	Sixty Mile	SL	RH	19980824		duplicate of VR58053.	7	505306	7098348	NAD 27	A9829268
VR58327A	Sixty Mile	SL	DS/RH	19980815		poor sample; possible ash	7	501819	7099887	NAD 27	A9828573

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR57844A		-5	74	0	0.2	2.16	0	200	-0.5	-2	0.22	-0.5	9	42	27	2.89	-10	0	-1	0.06	10	0.66	335	1
VR57845A		5	118	0	-0.2	2.17	0	200	-0.5	-2	0.24	-0.5	12	45	28	3.25	-10	0	-1	0.07	10	0.66	535	-1
VR57846A		-5	152	0	-0.2	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
VR57847A		-5	10	0	-0.2	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
VR57848A		-5	16	0	-0.2	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
VR57849A		10	42	0	-0.2	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
VR57860A		17	127	0	0.52	2.14	-10	330	0.4	0.23	0.24	0.52	12.8	39	44	3.74	6.6	-0.1	0.04	0.06	10	0.42	575	2.4
VR57861A		16	92.6	0	0.7	2.12	-10	310	0.3	0.22	0.21	0.6	11.6	35	47.8	3.58	6.1	-0.1	0.06	0.06	10	0.42	650	2.8
VR57862A		11	75.8	0	0.96	2.27	-10	290	0.35	0.26	0.21	0.52	12.8	40	44	3.78	6.9	-0.1	0.12	0.06	-10	0.42	630	2.8
VR57863A		12	70.8	0	0.18	1.57	-10	210	0.3	0.22	0.15	0.9	17.4	38	65.5	3.82	4.6	-0.1	0.04	0.06	10	0.33	865	3.2
VR57864A		6	100.5	0	0.78	1.35	-10	330	0.35	0.24	0.2	1.26	21.2	30	73.9	4.5	4.5	-0.1	0.05	0.06	10	0.28	1625	3.8
VR57865A		6	51.2	0	0.88	1.75	-10	360	0.35	0.21	0.29	1.22	18.6	31	52.2	3.66	5.2	-0.1	0.08	0.06	10	0.37	965	2.8
VR57866A		24	570	0	1.2	0.42	-10	140	0.35	0.34	0.07	1.5	15.4	18	274	8.43	1.7	-0.1	0.11	0.07	10	0.04	820	12.8
VR57867A		12	110	0	1.16	1.3	-10	300	0.25	0.23	0.21	1.2	15.8	25	77	4.02	3.8	-0.1	0.15	0.06	-10	0.19	685	4.6
VR57868A		14	152	0	1.22	0.98	-10	2060	0.3	0.35	0.33	1.78	22.2	29	76.4	5.44	2.8	-0.1	0.07	0.06	10	0.2	1000	5.8
VR57869A		3	11.4	0	0.24	1.72	-10	350	0.4	0.18	0.52	0.12	9.8	30	26.2	2.66	4.6	-0.1	0.06	0.05	10	0.54	460	1
VR58046A		-5	58	0	-0.2	2.37	0	120	-0.5	-2	0.14	-0.5	11	33	20	3.42	-10	0	-1	0.07	10	0.4	520	2
VR58047A		-5	46	0	0.4	2.28	0	370	-0.5	-2	0.47	-0.5	19	64	52	4.39	-10	0	-1	0.08	10	0.77	1020	-1
VR58048A		10	258	0	-0.2	2.49	0	230	-0.5	-2	0.24	-0.5	14	39	37	3.47	-10	0	-1	0.07	10	0.54	810	-1
VR58049A		-5	520	0	0.2	1.47	0	190	-0.5	-2	0.2	-0.5	12	28	35	3.14	-10	0	-1	0.07	10	0.38	950	2
VR58050A		-5	50	0	0.6	1.7	0	210	-0.5	-2	0.26	0.5	18	49	32	3.34	-10	0	-1	0.07	10	0.53	1440	2
VR58051A		-5	126	0	0.6	1.13	0	140	-0.5	-2	0.32	-0.5	18	26	58	3.42	-10	0	-1	0.08	10	0.27	1350	1
VR58052A		-5	58	0	0.8	1.04	0	100	-0.5	-2	0.12	-0.5	15	26	29	2.68	-10	0	-1	0.07	10	0.27	965	3
VR58053A		-5	96	0	0.6	1.62	0	130	-0.5	-2	0.24	-0.5	22	67	38	4.26	-10	0	-1	0.07	10	1.09	1735	1
VR58054A		70	92	0	0.8	1.55	0	140	-0.5	-2	0.31	-0.5	21	61	40	3.99	-10	0	-1	0.07	10	0.96	1895	2
VR58327A		-5	14	0	-0.2	1.51	0	270	-0.5	-2	0.21	-0.5	7	33	31	2.91	-10	0	-1	0.06	10	0.39	115	1

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR57844A	-0.01	29	500	14	0	-2	4	22	0	0.06	-10	-10	55	-10	90	F	
VR57845A	-0.01	34	570	14	0	-2	5	21	0	0.08	-10	-10	60	-10	92	F	
VR57846A	-0.01	422	200	20	0	-2	8	5	0	0.13	-10	-10	85	-10	80	F	
VR57847A	-0.01	17	2020	24	0	-2	8	27	0	-0.01	-10	-10	45	-10	106	F	
VR57848A	-0.01	17	1190	22	0	-2	6	15	0	-0.01	-10	-10	48	-10	102	T	
VR57849A	-0.01	104	860	16	0	-2	5	53	0	-0.01	-10	-10	47	-10	54	F	
VR57860A	0.01	26	700	16	0.02	0.9	4	27	0.05	0.06	0.06	1.35	59	0.3	120	F	
VR57861A	0.01	27	640	22	0.02	0.9	3	27	0.05	0.05	0.08	1.65	53	0.2	126	F	
VR57862A	0.01	27	820	16	0.03	0.8	3	28	0.05	0.05	0.1	2.1	57	0.2	128	F	
VR57863A	0.01	44	440	12	-0.01	1	4	19	0.05	0.05	0.08	1.95	50	0.35	168	F	
VR57864A	0.01	69	860	20	0.01	1.2	4	24	0.1	0.03	0.1	2.55	43	0.35	258	F	
VR57865A	0.01	45	780	16	0.02	0.9	4	34	0.05	0.04	0.1	1.8	47	0.15	240	F	
VR57866A	-0.01	129	1480	26	0.08	4.5	4	26	0.2	-0.01	0.34	4.8	29	0.45	696	F	
VR57867A	0.01	60	1150	22	0.03	2.7	3	43	0.1	0.02	0.16	3.3	37	0.45	312	F	
VR57868A	0.01	92	1910	40	0.02	6.5	5	52	0.15	0.03	0.16	3.8	44	1.1	516	F	
VR57869A	0.02	22	630	8	0.01	0.7	4	33	-0.05	0.07	0.08	1.05	49	0.4	54	F	
VR58046A	-0.01	20	490	12	0	-2	4	16	0	0.1	-10	-10	79	-10	82	F	
VR58047A	-0.01	47	640	8	0	-2	12	28	0	0.07	-10	-10	86	-10	86	F	
VR58048A	-0.01	37	460	16	0	-2	5	22	0	0.1	-10	-10	67	-10	82	F	
VR58049A	-0.01	34	540	60	0	-2	4	20	0	0.05	-10	-10	53	-10	104	F	
VR58050A	-0.01	44	750	10	0	2	5	23	0	0.04	-10	-10	59	-10	122	F	
VR58051A	-0.01	59	960	16	0	-2	4	29	0	0.03	-10	-10	44	-10	148	F	
VR58052A	-0.01	26	610	18	0	-2	3	15	0	0.05	-10	-10	49	-10	86	F	
VR58053A	-0.01	47	640	16	0	2	8	21	0	-0.01	-10	-10	71	-10	130	F	
VR58054A	-0.01	46	760	18	0	-2	8	23	0	0.02	-10	-10	65	-10	120	T	
VR58327A	-0.01	16	590	16	0	-2	5	24	0	0.07	-10	-10	48	-10	48	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR58328A	Sixty Mile	SL	DS/RH	19980815		possible ash in sample	7	501752	7099690	NAD 27	A9828573
VR58329A	Sixty Mile	SL	DS/RH	19980815		poor sample; ash, possible contamination.	7	501679	7099492	NAD 27	A9828573
VR58330A	Sixty Mile	SL	DS/RH	19980815			7	501647	7099310	NAD 27	A9828573
VR58331A	Sixty Mile	SL	DS/RH	19980815		poor sample	7	501560	7099157	NAD 27	A9828573
VR58332A	Sixty Mile	SL	DS/RH	19980815			7	501602	7099039	NAD 27	A9828573
VR58333A	Sixty Mile	SL	DS/RH	19980815			7	501719	7098875	NAD 27	A9828573
VR58334A	Sixty Mile	SL	DS/RH	19980815		poor sample; ash contamination	7	501882	7098817	NAD 27	A9828573
VR58335A	Sixty Mile	SL	DS/RH	19980815			7	502084	7098841	NAD 27	A9828573
VR58336A	Sixty Mile	SL	DS/RH	19980815			7	502196	7098837	NAD 27	A9828573
VR58337A	Sixty Mile	SL	DS/RH	19980815			7	502409	7098906	NAD 27	A9828573
VR58338A	Sixty Mile	SL	DS/RH	19980815		poor sample	7	502630	7098921	NAD 27	A9828573
VR58339A	Sixty Mile	SL	DS/RH	19980815		calcareous soil	7	502825	7098932	NAD 27	A9828573
VR58340A	Sixty Mile	SL	DS/RH	19980815			7	502991	7098833	NAD 27	A9828573
VR58341A	Sixty Mile	SL	DS/RH	19980815			7	503183	7098746	NAD 27	A9828573
VR58342A	Sixty Mile	SL	DS/RH	19980815		ash contamination	7	503291	7098622	NAD 27	A9828573
VR58343A	Sixty Mile	SL	DS/RH	19980815			7	503393	7098446	NAD 27	A9828573
VR58344A	Sixty Mile	SL	DS/RH	19980815		good sample; GRA soil.	7	503579	7098375	NAD 27	A9828573
VR58345A	Sixty Mile	SL	DS/RH	19980815		poor sample; ash contamination	7	503683	7098289	NAD 27	A9828573
VR58346A	Sixty Mile	SL	DS/RH	19980815		little ash?	7	503879	7098242	NAD 27	A9828573
VR58347A	Sixty Mile	SL	DS/RH	19980815			7	504091	7098313	NAD 27	A9828573
VR58348A	Sixty Mile	SL	DS/RH	19980815		poor sample	7	504181	7098453	NAD 27	A9828573
VR58349A	Sixty Mile	SL	DS/RH	19980815		possible FLT zone; leakage halo.	7	504295	7098702	NAD 27	A9828573
VR58350A	Sixty Mile	SL	DS/RH	19980815		duplicate of VR58349	7	504315	7098747	NAD 27	A9828573
VR58426A	Sixty Mile	SL	LL	19990610	GOOD	GOOD QUALITY SOIL SAMPLE.	7	507591	7097448	NAD 27	A9920323
VR58429A	Sixty Mile	SL	LL	19990613		SAMPLE WAS TAKEN BESIDE SAMPLE VR60258.	7	506252	7100893	NAD 27	A9920797
VR58430A	Sixty Mile	SL	LL	19990613	GOOD	GOOD SAMPLE BUT MAY BE CONTAMINATED BY SOME ASH.	7	506155	7100731	NAD 27	A9920797
VR58431A	Sixty Mile	SL	LL	19990613	MOD	MODERATE QUALITY SAMPLE WITH SOME ASH CONTAMINATION.	7	506135	7100608	NAD 27	A9920797
VR58432A	Sixty Mile	SL	LL	19990613	GOOD		7	506129	7100485	NAD 27	A9920797
VR58433A	Sixty Mile	SL	LL	19990613	GOOD		7	506122	7100406	NAD 27	A9920797
VR58434A	Sixty Mile	SL	LL	19990613	MOD	PHYLLITIC QUARTZITE IS IN SAMPLE AREA.	7	506063	7100260	NAD 27	A9920797
VR58435A	Sixty Mile	SL	LL	19990613	MOD		7	506012	7100153	NAD 27	A9920797
VR58436A	Sixty Mile	SL	LL	19990613	GOOD	QUARTZITE AROUND SCREE.	7	506002	7100017	NAD 27	A9920797
VR58437A	Sixty Mile	SL	LL	19990613	GOOD		7	506092	7099923	NAD 27	A9920797
VR58438A	Sixty Mile	SL	LL	19990613	GOOD	GOOD QUALITY SAMPLE.	7	506205	7099859	NAD 27	A9920797
VR58439A	Sixty Mile	SL	LL	19990613			7	506273	7099782	NAD 27	A9920797
VR58440A	Sixty Mile	SL	LL	19990613	GOOD		7	506367	7099725	NAD 27	A9920797
VR58441A	Sixty Mile	SL	LL	19990613	GOOD		7	506512	7099686	NAD 27	A9920797
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

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR58328A		-5	12	0	-0.2	2.24	0	150	-0.5	-2	0.27	-0.5	11	34	30	3.24	-10	0	-1	0.09	10	0.55	405	1
VR58329A		-5	14	0	-0.2	2.29	0	160	-0.5	-2	0.18	-0.5	12	35	30	3.09	-10	0	-1	0.09	10	0.58	395	2
VR58330A		10	66	0	3	1.36	0	170	-0.5	-2	0.1	-0.5	10	24	79	4.42	-10	0	-1	0.23	30	0.19	235	3
VR58331A		5	28	0	-0.2	2.39	0	130	-0.5	-2	0.22	-0.5	13	36	26	3.35	-10	0	-1	0.09	10	0.62	525	1
VR58332A		-5	76	0	2.4	1.31	0	520	-0.5	-2	1	8	34	28	62	7.89	-10	0	-1	0.14	30	0.71	6790	1
VR58333A		10	16	0	0.2	2.19	0	130	-0.5	-2	0.2	0.5	11	35	23	3.61	-10	0	-1	0.11	10	0.45	400	1
VR58334A		10	20	0	1	1.68	0	740	-0.5	-2	0.38	2	11	37	38	3.43	-10	0	-1	0.08	20	0.43	370	1
VR58335A		5	28	0	1.6	1.51	0	680	-0.5	-2	0.29	4.5	25	77	167	5.52	-10	0	-1	0.13	10	0.64	870	7
VR58336A		-5	28	0	0.6	3.22	0	270	-0.5	-2	0.38	-0.5	20	39	58	5.87	-10	0	-1	0.1	10	1.52	775	1
VR58337A		-5	14	0	-0.2	4.01	0	140	-0.5	-2	0.12	-0.5	22	24	49	6	-10	0	-1	0.11	10	1.11	1060	2
VR58338A		-5	8	0	0.2	2.18	0	130	-0.5	-2	0.18	-0.5	15	32	29	3.74	-10	0	-1	0.12	10	0.52	365	2
VR58339A		-5	14	0	-0.2	3.14	0	120	0.5	-2	8.75	-0.5	5	23	10	2.71	-10	0	-1	0.11	-10	4.79	1000	3
VR58340A		-5	14	0	0.2	2.17	0	140	-0.5	-2	0.16	1.5	15	36	34	4.49	-10	0	-1	0.08	10	0.32	940	8
VR58341A		-5	22	0	-0.2	2.1	0	160	-0.5	-2	0.16	0.5	14	31	37	3.93	-10	0	-1	0.08	10	0.41	405	5
VR58342A		10	16	0	0.2	1.76	0	210	-0.5	-2	0.57	0.5	13	33	31	3.35	-10	0	-1	0.15	10	0.86	600	1
VR58343A		5	30	0	0.4	1.59	0	180	-0.5	-2	0.16	-0.5	10	25	26	3.56	-10	0	1	0.11	10	0.38	415	3
VR58344A		-5	52	0	0.6	1.09	0	100	-0.5	-2	0.11	1.5	9	25	71	3.47	-10	0	-1	0.05	10	0.13	135	19
VR58345A		-5	24	0	0.4	2.04	0	160	-0.5	-2	0.24	1.5	15	41	49	4.46	-10	0	-1	0.06	10	0.68	830	3
VR58346A		10	560	0	0.2	2.53	0	280	-0.5	-2	0.23	0.5	19	75	52	4.92	-10	0	-1	0.1	10	1.17	1280	1
VR58347A		5	34	0	-0.2	2.54	0	160	-0.5	-2	0.18	-0.5	15	39	39	3.52	-10	0	-1	0.09	10	0.58	820	1
VR58348A		-5	34	0	-0.2	2.55	0	130	-0.5	-2	0.16	-0.5	16	43	35	3.96	-10	0	-1	0.1	10	0.6	885	1
VR58349A		-5	24	0	-0.2	4.13	0	220	-0.5	-2	0.13	-0.5	42	172	93	8.83	-10	0	-1	0.16	-10	2.41	1765	1
VR58350A		-5	30	0	-0.2	4.12	0	210	-0.5	-2	0.13	-0.5	45	171	97	8.6	-10	0	-1	0.14	-10	2.18	2050	-1
VR58426A		16	37.8	0	0.28	1.57	-10	340	0.5	0.18	0.51	0.12	8.8	36	29.6	2.6	3.9	-0.1	0.05	0.05	10	0.45	320	1
VR58429A		4	148.5	0	0.28	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
VR58430A		8	104.5	0	0.2	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
VR58431A		5	38.2	0	0.16	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
VR58432A		20	137.5	0	0.68	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
VR58433A		10	62.6	0	0.84	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
VR58434A		15	16	0	0.28	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
VR58435A		7	83.2	0	0.48	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
VR58436A		7	13	0	0.32	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
VR58437A		8	37.2	0	0.66	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
VR58438A		38	134	0	1.24	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
VR58439A		10	144	0	1.34	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
VR58440A		4	47.8	0	0.58	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
VR58441A		4	16.8	0	0.2	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
VR58442A		6	22.2	0	0.5	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

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR58328A	-0.01	24	610	6	0	-2	5	23	0	0.1	-10	-10	58	-10	66	F	
VR58329A	-0.01	25	400	10	0	2	5	22	0	0.09	-10	-10	57	-10	64	F	
VR58330A	-0.01	16	750	108	0	2	6	24	0	-0.01	-10	-10	42	-10	58	F	
VR58331A	-0.01	26	580	12	0	-2	5	20	0	0.09	-10	-10	61	-10	72	F	
VR58332A	-0.01	140	2460	22	0	-2	6	36	0	0.03	-10	-10	45	-10	742	F	
VR58333A	-0.01	26	610	14	0	-2	4	21	0	0.1	-10	-10	70	-10	94	F	
VR58334A	-0.01	40	970	16	0	-2	6	38	0	0.08	-10	-10	61	-10	144	F	
VR58335A	-0.01	140	1540	10	0	2	6	65	0	0.05	-10	-10	70	-10	418	F	
VR58336A	-0.01	37	490	6	0	-2	14	21	0	0.04	-10	-10	103	-10	126	F	
VR58337A	-0.01	22	600	6	0	-2	11	10	0	-0.01	-10	-10	101	-10	102	F	
VR58338A	-0.01	31	420	14	0	-2	4	26	0	0.09	-10	-10	57	-10	84	F	
VR58339A	-0.01	10	380	2	0	-2	5	61	0	0.06	-10	-10	29	-10	68	F	
VR58340A	-0.01	37	900	30	0	2	3	15	0	0.04	-10	-10	65	-10	130	F	
VR58341A	-0.01	45	510	16	0	-2	4	17	0	0.04	-10	-10	56	-10	110	F	
VR58342A	-0.01	31	910	12	0	-2	7	27	0	0.08	-10	-10	50	-10	86	F	
VR58343A	-0.01	31	580	26	0	-2	4	28	0	0.06	-10	-10	43	-10	104	F	
VR58344A	-0.01	41	1890	34	0	2	-1	11	0	-0.01	-10	-10	48	-10	206	F	
VR58345A	-0.01	45	760	14	0	-2	5	21	0	0.05	-10	-10	84	-10	146	F	
VR58346A	-0.01	110	520	44	0	-2	10	29	0	0.06	-10	-10	72	-10	134	F	
VR58347A	-0.01	38	390	10	0	-2	5	19	0	0.08	-10	-10	58	-10	80	F	
VR58348A	-0.01	41	470	10	0	-2	5	18	0	0.08	-10	-10	65	-10	90	F	
VR58349A	-0.01	81	450	8	0	-2	17	9	0	0.03	-10	-10	165	-10	116	F	
VR58350A	-0.01	82	560	6	0	-2	15	9	0	-0.01	-10	-10	148	-10	116	T	
VR58426A	0.01	29	520	14	0.02	0.8	5	36	-0.05	0.05	0.06	1.25	46	0.15	74	F	
VR58429A	0.01	32	690	20	0.04	1.2	1	14	0.05	0.04	0.08	1.05	52	0.2	148	F	
VR58430A	0.01	42	640	14	0.01	0.9	6	25	0.05	0.06	0.1	1.5	63	0.25	146	F	
VR58431A	0.01	39	510	14	0.02	0.8	4	17	0.05	0.07	0.1	1.1	62	0.9	156	F	
VR58432A	0.01	55	800	18	0.02	0.8	3	18	0.05	0.04	0.12	2	54	0.3	244	F	
VR58433A	0.01	57	840	44	0.06	0.7	3	22	0.1	0.04	0.1	1.85	46	0.3	252	F	
VR58434A	0.01	25	600	8	0.04	0.5	1	11	0.05	0.05	0.12	0.9	58	0.25	108	F	
VR58435A	0.01	37	950	12	0.03	0.8	1	19	0.05	0.04	0.1	1.35	56	0.25	124	F	
VR58436A	0.01	48	490	10	0.01	0.7	6	24	-0.05	0.08	0.12	1.6	56	0.2	150	F	
VR58437A	0.01	36	740	16	0.05	1	4	28	0.05	0.04	0.16	1.95	44	0.25	168	F	
VR58438A	0.01	69	950	36	-0.01	1.7	6	15	0.15	0.05	0.14	3.75	47	0.25	288	F	
VR58439A	0.01	70	980	36	-0.01	1.8	6	16	0.15	0.05	0.14	4.05	49	0.25	302	F	
VR58440A	0.01	32	990	18	0.01	0.6	5	15	0.05	0.04	0.1	3.25	55	0.25	122	F	
VR58441A	0.01	43	700	6	0.01	0.6	4	14	0.05	0.05	0.1	1.25	50	0.25	82	F	
VR58442A	0.01	38	460	6	0.02	0.7	4	18	0.05	0.06	0.12	0.9	60	0.25	74	T	VR58443A

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR58443A	Sixty Mile	SL	LL	19990613	GOOD	DUPLICATE SAMPLE TAKEN FROM A FROST BOIL ON A RIDGE.	7	506632	7099609	NAD 27	A9920797
VR58444A	Sixty Mile	SL	LL	19990613	MOD		7	506768	7099780	NAD 27	A9920797
VR58445A	Sixty Mile	SL	LL	19990614	POOR	POOR QUALITY SAMPLE.	7	505754	7101080	NAD 27	A9920800
VR58446A	Sixty Mile	SL	LL	19990614	GOOD	GOOD QUALITY SAMPLE.	7	505716	7100953	NAD 27	A9920800
VR58447A	Sixty Mile	SL	LL	19990614	MOD		7	505540	7100832	NAD 27	A9920800
VR58448A	Sixty Mile	SL	LL	19990614	POOR		7	505419	7100693	NAD 27	A9920800
VR58449A	Sixty Mile	SL	LL	19990614	POOR	ROCKY SAMPLE SITE WITHIN MADRONA LAND. 201WEST/950 NORTH.	7	505209	7100294	NAD 27	A9920800
VR58450A	Sixty Mile	SL	LL	19990614	MOD	POSSIBLY CONTAMINATED BY ASH.	7	505345	7100192	NAD 27	A9920800
VR58451A	Sixty Mile	SL	LL	19990614		POSSIBLY CONTAMINATED WITH ASH.	7	505476	7100116	NAD 27	A9920800
VR58452A	Sixty Mile	SL	LL	19990614	POOR		7	505598	7100061	NAD 27	A9920800
VR58453A	Sixty Mile	SL	LL	19990614	POOR	SAMPLE IS CONTAMINATED WITH ASH AND CONTAINS PEBBLES AND ORGANICS.	7	505763	7100052	NAD 27	A9920800
VR58454A	Sixty Mile	SL	LL	19990614	GOOD	VERY GOOD QUALITY SAMPLE.	7	505857	7100026	NAD 27	A9920800
VR58455A	Sixty Mile	SL	LL	19990614	GOOD		7	506886	7099977	NAD 27	A9920800
VR58456A	Sixty Mile	SL	LL	19990614	GOOD		7	506963	7100144	NAD 27	A9920800
VR58457A	Sixty Mile	SL	LL	19990614	GOOD		7	507059	7100344	NAD 27	A9920800
VR58458A	Sixty Mile	SL	LL	19990614	POOR	SAMPLE HAS BEEN CONTAMINATED BY ASH AND IS QUITE ROCKY.	7	507153	7100501	NAD 27	A9920800
VR58459A	Sixty Mile	SL	LL	19990614	POOR	POOR QUALITY SAMPLE WITH A TRACE OF ORGANICS.	7	507309	7100370	NAD 27	A9920800
VR58460A	Sixty Mile	SL	LL	19990614	GOOD	TRACE OF ORGANICS IN SAMPLE.	7	507518	7100363	NAD 27	A9920800
VR58461A	Sixty Mile	SL	LL	19990614	GOOD	GOOD QUALITY SAMPLE WITH A TRACE OF ORGANICS.	7	507712	7100386	NAD 27	A9920800
VR58462A	Sixty Mile	SL	LL	19990614	GOOD	GOOD QUALITY SAMPLE WITH A TRACE OF ORGANICS.	7	507924	7100423	NAD 27	A9920800
VR58463A	Sixty Mile	SL	LL	19990614		SAMPLE IS CONTAMINATED BY ASH AND CONTAINS A TRACE AMOUNT OF ORGANICS.	7	508125	7100438	NAD 27	A9920800
VR58464A	Sixty Mile	SL	LL	19990614	GOOD	GOOD QUALITY SAMPLE WITH A TRACE OF ORGANICS.	7	508292	7100406	NAD 27	A9920800
VR58465A	Sixty Mile	SL	LL	19990614	MOD	SAMPLE CONTAINS A TRACE OF ORGANICS.	7	508521	7100397	NAD 27	A9920800
VR58466A	Sixty Mile	SL	LL	19990614	GOOD	SAMPLE CONTAINS A TRACE OF ORGANICS.	7	508695	7100425	NAD 27	A9920800
VR58467A	Sixty Mile	SL	LL	19990615	GOOD	SAMPLE CONTAINS SOME ASH AND A TRACE OF ORGANICS.	7	506839	7098554	NAD 27	A9920800
VR58468A	Sixty Mile	SL	LL	19990615	GOOD	SAMPLE CONTAINS A TRACE OF ORGANICS.	7	506818	7098700	NAD 27	A9920800
VR58469A	Sixty Mile	SL	LL	19990615	GOOD	SAMPLE CONTAINS A TRACE OF ORGANICS. DUPLICATE SAMPLE.	7	506820	7098703	NAD 27	A9920800
VR58470A	Sixty Mile	SL	LL	19990615	GOOD	SAMPLE CONTAINS A TRACE OF ORGANICS.	7	506796	7098960	NAD 27	A9920800
VR58471A	Sixty Mile	SL	LL	19990615		SAMPLE IS CONTAMINATED BY ASH.	7	506533	7099189	NAD 27	A9920800
VR58472A	Sixty Mile	SL	LL	19990615		SOME ASH CONTAMINATION.	7	506407	7099384	NAD 27	A9920800
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

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR58443A		6	89.8	0	0.26	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
VR58444A		9	110.5	0	0.24	2.49	-10	230	0.65	0.21	0.14	0.22	12.4	43	38.4	3.18	5.6	-0.1	0.06	0.06	10	0.54	365	1.6
VR58445A		3	83.8	0	0.56	1.69	-10	190	0.4	0.25	0.2	0.5	7	31	41.6	2.74	4.4	-0.1	0.09	0.05	10	0.46	195	1.8
VR58446A		3	18.2	0	0.2	1.91	-10	140	0.4	0.22	0.13	0.38	12.4	32	20.8	3.36	5.5	-0.1	0.04	0.05	-10	0.43	870	1.6
VR58447A		4	16.8	0	0.54	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
VR58448A		8	23.8	0	0.46	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
VR58449A		24	233	0	0.48	1.39	-10	180	0.35	0.32	0.08	0.58	11.8	29	71.9	3.75	3.5	-0.1	0.03	0.05	10	0.26	475	4.4
VR58450A		14	118.5	0	0.4	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
VR58451A		9	32.8	0	0.64	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
VR58452A		5	10.8	0	0.22	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
VR58453A		3	19.6	0	0.32	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
VR58454A		20	27.6	0	0.9	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
VR58455A		5	63.6	0	0.16	2.46	-10	150	0.5	0.25	0.12	0.6	21.8	46	36	4.02	6	-0.1	0.08	0.05	-10	0.43	1190	2.2
VR58456A		7	15.6	0	0.3	1.18	-10	150	0.35	0.28	0.06	0.28	11.8	28	50.2	4.14	3.4	0.1	0.05	0.04	10	0.22	370	1.4
VR58457A		10	56.2	0	0.36	1.18	-10	270	0.35	0.28	0.1	0.76	10.2	25	48.6	3.5	3.2	-0.1	0.04	0.07	10	0.26	285	1.2
VR58458A		5	15.6	0	0.3	1.66	-10	190	0.25	0.28	0.22	0.3	9.4	24	24.6	3.19	5.1	-0.1	0.04	0.05	-10	0.23	545	1.2
VR58459A		6	29.6	0	0.14	2.63	-10	180	0.4	0.25	0.11	0.46	11.2	40	25.4	3.99	6.4	-0.1	0.05	0.06	-10	0.4	330	1.4
VR58460A		11	47.4	0	0.32	1.55	-10	190	0.3	0.24	0.13	0.24	10.4	33	40	3.28	4	-0.1	0.04	0.04	10	0.35	305	1.4
VR58461A		13	30.6	0	0.32	1.61	-10	180	0.4	0.21	0.08	0.34	10.6	31	42.6	3.5	4	-0.1	0.03	0.06	10	0.36	355	1.8
VR58462A		8	33.6	0	0.16	2.56	-10	190	0.4	0.29	0.07	0.4	11.6	40	43.6	3.44	5.7	-0.1	0.04	0.05	10	0.44	415	2.8
VR58463A		7	34.6	0	0.12	2.21	-10	200	0.5	0.22	0.12	0.28	10.2	41	43.2	3.52	5.2	-0.1	0.04	0.04	10	0.49	535	2
VR58464A		10	41	0	0.4	1.64	-10	210	0.3	0.21	0.2	0.52	13.6	31	48.2	3.65	4.3	-0.1	0.04	0.05	10	0.37	1030	2.6
VR58465A		6	33.6	0	0.28	1.48	-10	270	0.35	0.19	0.23	0.16	6.8	28	22.6	2.66	3.8	-0.1	0.03	0.06	10	0.39	255	1.4
VR58466A		19	75.2	0	0.4	1.7	-10	340	0.5	0.19	0.27	0.12	7.6	35	32.2	2.8	4.2	-0.1	0.03	0.05	10	0.45	280	1
VR58467A		20	47.2	0	0.22	1.79	-10	200	0.3	0.2	0.18	0.16	10.8	35	23.2	2.92	4.9	-0.1	0.06	0.05	-10	0.44	565	2.4
VR58468A		10	49.2	0	0.22	1.86	-10	240	0.4	0.21	0.17	0.36	12.2	40	55	3.83	4.5	-0.1	0.03	0.05	10	0.38	470	2.4
VR58469A		21	58.6	0	0.2	1.69	-10	220	0.45	0.21	0.16	0.44	13.8	40	65.1	4	4.2	-0.1	0.02	0.04	10	0.34	500	3
VR58470A		35	32.8	0	0.16	1.5	-10	200	0.4	0.14	0.18	0.22	8	34	29	2.55	3.9	-0.1	0.03	0.04	10	0.44	300	1.6
VR58471A		10	32	0	0.28	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
VR58472A		9	33.8	0	0.16	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
VR58473A		31	15.6	0	0.16	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

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR58443A	0.01	24	540	16	0.01	0.7	5	19	0.05	0.07	0.1	1.65	61	0.25	62	T	VR58442A
VR58444A	0.01	25	540	16	0.01	0.8	6	20	0.05	0.07	0.1	1.6	62	0.25	64	F	
VR58445A	0.01	24	610	16	0.03	0.3	3	17	-0.05	0.04	0.14	2.1	42	0.3	104	F	
VR58446A	0.01	22	590	12	0.01	0.1	3	15	-0.05	0.06	0.1	0.7	54	0.25	90	F	
VR58447A	0.01	30	750	18	0.03	0.1	2	14	0.05	0.04	0.12	1.3	47	0.25	142	F	
VR58448A	-0.01	58	710	12	0.03	1.3	3	15	0.05	0.04	0.12	1.6	56	0.25	156	F	
VR58449A	-0.01	39	1170	22	0.02	1.6	3	14	0.15	0.03	0.12	3.55	46	0.25	184	F	
VR58450A	-0.01	30	740	14	0.01	0.7	3	18	0.1	0.05	0.14	1.85	51	0.25	134	F	
VR58451A	-0.01	40	1000	18	0.03	0.8	3	23	0.05	0.04	0.16	3	42	0.3	240	F	
VR58452A	-0.01	16	630	8	0.01	0.5	2	13	-0.05	0.06	0.1	1.4	48	0.2	54	F	
VR58453A	0.01	24	530	12	0.03	0.7	1	10	0.05	0.07	0.12	0.95	61	0.25	104	F	
VR58454A	-0.01	39	840	18	0.04	1.3	4	22	0.05	0.04	0.16	3.6	44	0.25	188	F	
VR58455A	-0.01	47	650	12	0.01	0.6	4	15	0.05	0.06	0.12	1.15	60	0.3	104	F	
VR58456A	-0.01	46	440	24	0.01	0.5	3	8	0.05	0.03	0.12	1.3	37	0.25	128	F	
VR58457A	-0.01	39	460	34	0.03	0.9	4	20	0.05	0.04	0.14	1.35	37	0.25	254	F	
VR58458A	0.01	23	630	18	0.02	0.4	1	15	0.05	0.04	0.1	0.75	44	0.2	102	F	
VR58459A	-0.01	29	290	22	-0.01	0.5	4	14	-0.05	0.07	0.12	0.65	64	0.2	114	F	
VR58460A	-0.01	34	440	18	0.01	0.6	3	13	-0.05	0.04	0.08	0.85	42	0.2	108	F	
VR58461A	-0.01	38	370	12	0.03	1.3	4	15	0.05	0.04	0.1	1.05	46	0.2	118	F	
VR58462A	0.01	29	430	16	0.01	1.2	4	21	0.05	0.06	0.12	1.45	61	0.25	80	F	
VR58463A	0.01	29	320	8	0.01	0.9	5	19	-0.05	0.06	0.08	1.6	62	0.2	96	F	
VR58464A	0.01	35	630	16	0.01	2.1	4	22	0.05	0.04	0.12	1.25	48	0.2	140	F	
VR58465A	0.01	18	380	12	0.02	1.4	3	23	-0.05	0.05	0.08	1.1	43	0.2	62	F	
VR58466A	0.01	25	260	12	-0.01	0.9	5	26	-0.05	0.06	0.08	1.35	45	0.2	70	F	
VR58467A	0.01	17	610	10	0.01	1.3	3	20	-0.05	0.06	0.1	0.7	55	0.3	62	F	
VR58468A	0.01	47	600	10	-0.01	1	4	19	0.05	0.05	0.1	1.35	57	0.75	120	T	VR58469A
VR58469A	-0.01	54	690	10	-0.01	1.2	4	18	0.05	0.05	0.1	1.5	56	1.05	138	T	VR58468A
VR58470A	0.01	20	490	8	-0.01	1.2	4	17	-0.05	0.06	0.08	1.1	48	0.25	60	F	
VR58471A	0.01	40	680	6	-0.01	1.2	5	21	-0.05	0.05	0.08	1.55	50	0.3	84	F	
VR58472A	0.01	22	690	6	0.01	0.5	3	20	-0.05	0.06	0.08	0.95	52	0.3	66	F	
VR58473A	0.01	27	390	2	0.01	0.5	4	16	-0.05	0.06	0.08	1.1	53	0.2	64	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR58474A	Sixty Mile	SL	LL	19990615		SAMPLE CONTAMINATED WITH ASH AND CONTAINS A TRACE OF ORGANICS.	7	506057	7099551	NAD 27	A9920800
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
VR58476A	Sixty Mile	SL	LL	19990615	MOD	SAMPLE CONTAINS A TRACE OF ORGANICS.	7	505710	7099809	NAD 27	A9920800
VR58477A	Sixty Mile	SL	LL	19990615	GOOD	SAMPLE CONTAINS A TRACE OF ORGANICS.	7	505500	7099877	NAD 27	A9920800
VR58478A	Sixty Mile	SL	LL	19990615	GOOD	SAMPLE CONTAINS A TRACE OF ORGANICS.	7	505323	7099960	NAD 27	A9920800
VR58479A	Sixty Mile	SL	LL	19990616	GOOD	TAKEN IN A SILICIFIED QUARTZITE?	7	501338	7100383	NAD 27	A9920800
VR58480A	Sixty Mile	SL	LL	19990616	GOOD	MICA-QTZ SCHIST ROCKS ARE IN AND AROUND SAMPLE AREA.	7	501344	7100301	NAD 27	A9920800
VR58481A	Sixty Mile	SL	LL	19990616	GOOD	QUARTZITE ROCKS ARE AROUND SAMPLE AREA.	7	501487	7100224	NAD 27	A9920800
VR58482A	Sixty Mile	SL	LL	19990616	GOOD	QUARTZITE ROCKS ARE AROUND THE SAMPLE AREA.	7	501666	7100079	NAD 27	A9920800
VR58483A	Sixty Mile	SL	LL	19990616	GOOD	GRAPHITIC SCHIST.	7	501835	7100231	NAD 27	A9920800
VR58484A	Sixty Mile	SL	LL	19990616	GOOD	SAMPLE TAKEN NEAR A GREY QTZ PHYLLITE.	7	501984	7100478	NAD 27	A9920800
VR58485A	Sixty Mile	SL	LL	19990616	GOOD	SAMPLE TAKEN NEAR QZT.	7	502139	7100629	NAD 27	A9920800
VR58486A	Sixty Mile	SL	LL	19990616	GOOD		7	502141	7100831	NAD 27	A9920800
VR58487A	Sixty Mile	SL	LL	19990616	GOOD		7	502204	7101008	NAD 27	A9920800
VR58488A	Sixty Mile	SL	LL	19990616	GOOD		7	502198	7101224	NAD 27	A9920800
VR58489A	Sixty Mile	SL	LL	19990616	GOOD		7	502248	7101432	NAD 27	A9920800
VR58490A	Sixty Mile	SL	LL	19990616	GOOD		7	502273	7101653	NAD 27	A9920800
VR58491A	Sixty Mile	SL	LL	19990616	GOOD	QTZ ROCK AND A GRAPHITIC SCHIST ARE IN SAMPLE AREA.	7	502336	7101838	NAD 27	A9920800
VR58492A	Sixty Mile	SL	LL	19990616	MOD	SAMPLE WAS TAKEN ABOVE ROCK SAMPLE VR 84017. FRACTURED WHITE QTZ VEIN TRENDING 265 DEGREES.	7	502382	7101986	NAD 27	A9920800
VR58493A	Sixty Mile	SL	LL	19990616	POOR	SAMPLE IS CONTAMINATED BY ASH.	7	502335	7102150	NAD 27	A9920800
VR58494A	Sixty Mile	SL	LL	19990616	GOOD		7	502451	7102329	NAD 27	A9920800
VR58495A	Sixty Mile	SL	LL	19990616	MOD	FRAGMENTS OF SCHIST AND OXIDIZED VOLCANICS.	7	502333	7102476	NAD 27	A9920800
VR58496A	Sixty Mile	SL	LL	19990618	GOOD	PEBBLE RICH SAMPLE TAKEN FROM A FROST BOIL.	7	502410	7103694	NAD 27	A9921166
VR58497A	Sixty Mile	SL	LL	19990618			7	502211	7103706	NAD 27	A9921166
VR58498A	Sixty Mile	SL	LL	19990618	GOOD	SAMPLE WAS TAKEN IN A DISTURBED AREA.	7	502012	7103777	NAD 27	A9921166
VR58499A	Sixty Mile	SL	LL	19990618	GOOD	GOOD QUALITY B HORIZON SAMPLE WITH QTZ FRAGMENTS.	7	501820	7103709	NAD 27	A9921166
VR58500A	Sixty Mile	SL	LL	19990618	MOD	MODERATE TO GOOD QUALITY B HORIZON SAMPLE WITH LOTS OF ORGANICS.	7	501625	7103712	NAD 27	A9921166
VR58501A	Sixty Mile	SL	LL	19990618	MOD	MODERATE TO GOOD B HORIZON SAMPLE.	7	501431	7103660	NAD 27	A9921166
VR58502A	Sixty Mile	SL	LL	19990618	GOOD	HIGH ORGANIC CONTENT BUT GOOD QUALITY A-B HORIZON.	7	501242	7103638	NAD 27	A9921166
VR58503A	Sixty Mile	SL	LL	19990618			7	501052	7103603	NAD 27	A9921166
VR58504A	Sixty Mile	SL	LL	19990618	MOD	MODERATE QUALITY A-B BORDERLINE SAMPLE.	7	500936	7103523	NAD 27	A9921166

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR58474A		12	41.4	0	0.34	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
VR58475A		8	19.8	0	0.16	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
VR58476A		7	13.6	0	0.2	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
VR58477A		5	38	0	0.26	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
VR58478A		6	40	0	0.36	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
VR58479A		5	13.8	0	0.32	2.96	-10	170	0.4	0.19	0.14	0.2	12.8	38	25.2	3.15	5.3	-0.1	0.08	0.07	-10	0.58	415	1.2
VR58480A		13	26.6	0	0.8	2.43	-10	250	0.55	0.49	0.1	0.46	10.6	41	41.6	3.34	4.9	-0.1	0.09	0.05	10	0.47	455	1.2
VR58481A		5	12.8	0	0.14	2.22	-10	80	0.4	0.2	0.09	0.26	8.4	33	20.2	2.76	5	-0.1	0.13	0.05	-10	0.34	370	1.6
VR58482A		2	13.8	0	0.16	3.59	-10	110	0.55	0.21	0.13	0.38	14.8	45	22.6	3.34	5.9	-0.1	0.09	0.06	-10	0.54	580	1.6
VR58483A		4	69	0	1.7	1.12	-10	220	0.3	0.23	0.06	0.22	5.6	41	45.6	3.67	3.7	-0.1	0.07	0.05	-10	0.24	225	4.6
VR58484A		7	63.6	0	2.78	1.83	-10	470	0.6	0.23	0.1	1.82	19.4	36	63.1	3.93	4.2	0.1	0.18	0.06	10	0.38	1875	3.4
VR58485A		2	15.2	0	0.34	2.01	-10	100	0.25	0.27	0.06	0.26	4.8	30	33	3	6.8	-0.1	0.12	0.05	10	0.19	315	2.8
VR58486A		4	16.4	0	0.12	2.72	-10	140	0.45	0.19	0.1	0.14	10.2	38	30.6	3.22	5.9	-0.1	0.05	0.06	-10	0.53	365	1.6
VR58487A		5	24.8	0	0.12	2.49	-10	110	0.35	0.17	0.11	0.14	9.4	36	31.4	3.07	5	-0.1	0.06	0.06	-10	0.53	305	1.2
VR58488A		4	14.2	0	0.16	1.88	-10	120	0.4	0.18	0.07	0.2	7.6	32	36	3.28	5	-0.1	0.05	0.06	-10	0.37	275	2.2
VR58489A		7	12.4	0	1.3	1.84	-10	170	0.4	0.19	0.14	0.16	6.4	35	41.2	2.75	4.3	-0.1	0.09	0.06	10	0.42	125	2
VR58490A		3	12.8	0	0.2	2.44	-10	90	0.35	0.18	0.08	0.22	10.8	43	31.2	3.43	5	-0.1	0.07	0.05	10	0.45	370	1.6
VR58491A		-1	12.2	0	0.26	2.6	-10	130	0.55	0.27	0.12	0.4	10.4	43	32.8	3.37	7.1	-0.1	0.06	0.06	10	0.47	390	2
VR58492A		3	18.6	0	0.3	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
VR58493A		-1	2.2	0	0.3	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
VR58494A		7	19	0	0.08	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
VR58495A		9	84.6	0	0.6	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
VR58496A		13	48.2	0	0.54	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
VR58497A		28	39.8	0	0.34	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
VR58498A		105	36.2	0	0.88	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
VR58499A		27	16.8	0	0.32	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
VR58500A		6	11.8	0	0.26	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
VR58501A		6	14	0	0.18	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
VR58502A		4	21.4	0	0.72	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
VR58503A		6	28.2	0	0.68	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
VR58504A		3	55	0	0.76	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

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR58474A	0.01	25	680	10	0.01	0.5	3	14	0.05	0.06	0.1	1.6	61	0.25	88	F	
VR58475A	0.01	31	510	8	0.01	0.5	4	17	0.05	0.07	0.1	1.05	61	0.25	106	F	
VR58476A	-0.01	29	520	2	0.01	0.5	5	20	-0.05	0.07	0.08	1.25	57	0.25	82	F	
VR58477A	0.01	28	870	10	0.01	1.2	4	16	0.05	0.07	0.12	1.25	71	0.3	82	F	
VR58478A	0.01	23	970	14	0.01	0.6	3	26	0.05	0.06	0.12	1.8	61	0.25	86	F	
VR58479A	0.01	32	440	6	0.04	0.8	3	14	0.05	0.08	0.1	0.55	57	0.25	68	F	
VR58480A	0.01	29	490	68	0.03	1.9	4	17	0.1	0.09	0.14	1.55	63	0.3	68	F	
VR58481A	0.01	18	500	8	0.04	1.2	1	9	0.05	0.07	0.12	0.6	60	0.3	56	F	
VR58482A	0.01	22	690	6	0.03	0.7	4	13	-0.05	0.08	0.18	0.75	59	0.25	70	F	
VR58483A	-0.01	29	640	48	0.03	1.6	2	11	0.1	0.04	0.12	1.05	46	0.3	102	F	
VR58484A	0.01	85	940	28	0.01	2	6	19	0.05	0.06	1.42	2.5	58	0.35	192	F	
VR58485A	0.01	12	490	12	0.04	1.2	1	11	0.05	0.07	0.1	0.95	68	0.25	52	F	
VR58486A	0.01	25	390	6	0.03	0.9	3	13	-0.05	0.09	0.1	0.85	61	0.2	64	F	
VR58487A	0.01	23	370	10	0.02	0.7	3	11	0.05	0.08	0.08	0.7	56	0.35	64	F	
VR58488A	0.01	19	380	8	0.01	1.1	3	13	0.05	0.08	0.08	0.95	57	0.25	62	F	
VR58489A	0.01	17	510	14	-0.01	1.5	5	15	0.05	0.06	0.1	1.25	51	0.25	52	F	
VR58490A	0.01	33	490	8	0.03	1.1	3	11	0.05	0.06	0.12	0.75	55	0.25	78	F	
VR58491A	0.01	28	940	16	0.03	1.2	3	13	0.05	0.07	0.14	1	69	0.25	84	F	
VR58492A	0.01	40	440	10	0.04	0.6	4	20	0.05	0.08	0.12	1.2	58	0.2	82	F	
VR58493A	0.03	2	470	-2	0.03	-0.1	-1	11	-0.05	0.03	0.02	0.2	13	0.05	10	F	
VR58494A	0.01	29	550	14	0.01	0.7	4	13	0.05	0.07	0.14	0.95	70	0.25	66	F	
VR58495A	0.01	53	940	8	0.01	2.2	10	27	0.05	0.05	0.2	1.65	75	0.25	88	F	
VR58496A	0.01	34	830	16	0.01	1.1	4	19	0.05	0.05	0.12	1.3	53	0.25	110	F	
VR58497A	0.01	22	720	6	0.04	0.9	3	18	-0.05	0.05	0.1	0.95	44	0.25	76	F	
VR58498A	0.03	18	850	6	0.09	1.9	3	21	0.05	0.04	0.24	1.05	37	0.25	52	F	
VR58499A	0.01	18	680	6	0.01	0.7	2	16	-0.05	0.05	0.08	0.8	42	0.25	68	F	
VR58500A	0.01	17	600	4	0.01	0.7	2	12	-0.05	0.05	0.08	0.8	44	0.2	66	F	
VR58501A	0.01	21	610	6	0.01	0.5	3	14	-0.05	0.06	0.08	0.7	50	0.3	74	F	
VR58502A	0.01	22	660	16	0.01	0.6	1	13	0.05	0.03	0.1	1.25	37	0.25	68	F	
VR58503A	0.01	18	710	10	0.01	0.5	3	16	-0.05	0.04	0.12	1.2	54	0.25	76	F	
VR58504A	0.02	16	770	8	0.04	0.9	1	18	0.05	0.03	0.22	1.85	43	0.2	54	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR58505A	Sixty Mile	SL	LL	19990618		SAMPLE TAKEN UP THE HILL FROM THE PLACER OPERATION.	7	500702	7103459	NAD 27	A9921166
VR58506A	Sixty Mile	SL	LL	19990618		SAMPLE TAKEN ABOVE GRAVEL SUB CROP.	7	500448	7103358	NAD 27	A9921166
VR58507A	Sixty Mile	SL	LL	19990619	MOD	SAMPLE TAKEN FROM FROZEN GROUND.	7	507489	7095906	NAD 27	A9921625
VR58508A	Sixty Mile	SL	LL	19990619	POOR	POOR TO MODERATE QUALITY SAMPLE TAKEN FROM FROZEN GROUND. THE SAMPLE CONTAINS MINOR ASH.	7	507283	7096037	NAD 27	A9921625
VR58509A	Sixty Mile	SL	LL	19990619		SAMPLE TAKEN FROM FROZEN GROUND. GOPHER HOLE DIGGINS.	7	507046	7096179	NAD 27	A9921625
VR58510A	Sixty Mile	SL	LL	19990619	POOR	SAMPLE TAKEN FROM FROZEN GROUND.	7	506868	7096251	NAD 27	A9921625
VR58511A	Sixty Mile	SL	LL	19990619	MOD		7	506680	7096345	NAD 27	A9921625
VR58512A	Sixty Mile	SL	LL	19990619	MOD	SAMPLE TAKEN FROM FROZEN GROUND.	7	506450	7096475	NAD 27	A9921625
VR58513A	Sixty Mile	SL	LL	19990619	GOOD		7	506295	7096574	NAD 27	A9921625
VR58514A	Sixty Mile	SL	LL	19990619	GOOD		7	506126	7096695	NAD 27	A9921625
VR58515A	Sixty Mile	SL	LL	19990619	GOOD		7	505988	7096872	NAD 27	A9921625
VR58516A	Sixty Mile	SL	LL	19990619	GOOD		7	505911	7097027	NAD 27	A9921625
VR58517A	Sixty Mile	SL	LL	19990619	GOOD		7	505859	7097216	NAD 27	A9921625
VR58518A	Sixty Mile	SL	LL	19990619	GOOD	TAKEN BESIDE ROCK SAMPLE VR80338 (RICKS). DUPLICATE SAMPLE.	7	505734	7097379	NAD 27	A9921625
VR58519A	Sixty Mile	SL	LL	19990619	GOOD	SAMPLE TAKEN BESIDE ROCK SAMPLE VR80338 (RICKS). DUPLICATE SAMPLE	7	505733	7097383	NAD 27	A9921625
VR58520A	Sixty Mile	SL	LL	19990619	MOD	MODERATE QUALITY SAMPLE.	7	505536	7097700	NAD 27	A9921625
VR58521A	Sixty Mile	SL	LL	19990619	POOR		7	505351	7097784	NAD 27	A9921625
VR58522A	Sixty Mile	SL	LL	19990619	GOOD		7	505266	7098024	NAD 27	A9921625
VR58523A	Sixty Mile	SL	LL	19990619	GOOD		7	505913	7097443	NAD 27	A9921625
VR58524A	Sixty Mile	SL	LL	19990619	GOOD		7	506099	7097448	NAD 27	A9921625
VR58525A	Sixty Mile	SL	LL	19990619	MOD		7	506245	7097549	NAD 27	A9921625
VR58526A	Sixty Mile	SL	LL	19990619	MOD		7	506430	7097580	NAD 27	A9921625
VR58527A	Sixty Mile	SL	LL	19990619	POOR	FROZEN GROUND.	7	506584	7097627	NAD 27	A9921625
VR58528A	Sixty Mile	SL	LL	19990619	POOR	FROZEN GROUND.	7	506752	7097668	NAD 27	A9921625
VR58576A	Sixty Mile	SL	LL	19990711	GOOD	GOOD QUALITY SAMPLE. SAMPLE IS TAKEN FROM THE B HORIZON AND IS POSSIBLY CONTAMINATED WITH ASH AND LOESS.	7	508346	7097709	NAD 27	A9923451
VR58577A	Sixty Mile	SL	LL	19990711	MOD	MODERATE QUALITY SAMPLE. SOME PEBBLES AND PROBABLE ASH AND LOESS CONTAMINATION.	7	508295	7097716	NAD 27	A9923451
VR58578A	Sixty Mile	SL	LL	19990711	GOOD	GOOD QUALITY B HORIZON SAMPLE. LIMONITE PEBBLES ARE PRESENT.	7	508170	7097760	NAD 27	A9923451
VR58579A	Sixty Mile	SL	LL	19990711	MOD	MODERATE QUALITY SAMPLE WITH SOME LIMONITE PEBBLES.	7	508097	7097780	NAD 27	A9923451
VR58580A	Sixty Mile	SL	LL	19990711	MOD	MODERATE QUALITY B HORIZON SAMPLE.	7	508006	7097852	NAD 27	A9923451
VR58581A	Sixty Mile	SL	LL	19990711	MOD	MODERATE - GOOD QUALITY SAMPLE TAKEN FROM THE A-B HORIZON.	7	507924	7097891	NAD 27	A9923451
VR58582A	Sixty Mile	SL	LL	19990711	GOOD	GOOD QUALITY B HORIZON SAMPLE.	7	507817	7097857	NAD 27	A9923451

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR58505A		4	34.4	0	0.38	1.55	-10	170	0.35	0.18	0.15	0.28	9	35	48.2	2.88	5.4	-0.1	0.06	0.05	-10	0.38	385	1.6
VR58506A		4	61	0	0.68	0.85	-10	150	0.15	0.28	0.03	0.14	6.6	38	30.8	3.41	4.7	-0.1	0.05	0.07	-10	0.28	255	5
VR58507A		18	5.2	0	0.14	2.27	-10	390	0.5	0.14	0.62	0.08	10.8	26	13.4	3.22	5.9	-0.1	0.05	0.04	10	0.53	515	0.6
VR58508A		3	4.8	0	0.18	2.08	-10	270	0.65	0.12	0.83	0.16	15.2	26	14.6	3.91	5.6	-0.1	0.04	0.04	10	0.57	1230	0.6
VR58509A		5	24	0	0.24	1.52	-10	270	0.35	0.19	0.32	0.26	8.6	36	19	2.47	4.3	-0.1	0.03	0.04	-10	0.39	305	1.2
VR58510A		6	46.4	0	0.24	1.36	-10	300	0.45	0.2	0.67	0.48	9.2	26	16.4	2.5	4	-0.1	0.06	0.05	10	0.45	335	0.8
VR58511A		11	47.4	0	0.56	1.94	-10	520	0.7	0.21	0.55	0.22	10.4	46	28.8	3.38	6.1	-0.1	0.04	0.14	30	0.59	630	1
VR58512A		6	61.6	0	1.1	2.42	-10	520	0.6	0.3	0.36	0.16	11.4	43	35.4	3.38	6.6	-0.1	0.05	0.11	30	0.43	700	2
VR58513A		8	46.6	0	0.14	2.6	-10	190	0.5	0.26	0.09	0.16	12	56	26.6	3.75	7	-0.1	0.03	0.11	10	0.67	390	1.2
VR58514A		4	44.6	0	0.3	2.05	-10	220	0.6	0.34	0.04	0.28	6.6	32	22.2	3.27	4.4	-0.1	0.03	0.08	20	0.27	250	1.4
VR58515A		11	107.5	0	0.46	1.63	-10	210	0.45	0.34	0.13	0.14	6.8	26	18.4	2.35	4.9	-0.1	0.06	0.04	20	0.36	295	1.2
VR58516A		27	70.4	0	0.4	1.6	-10	300	0.35	0.17	0.25	0.14	7.4	32	22.8	2.44	4.5	-0.1	0.09	0.04	10	0.44	275	1.2
VR58517A		5	51.4	0	0.22	1.95	-10	190	0.35	0.18	0.18	0.14	9.2	34	22.4	2.76	5.5	-0.1	0.05	0.04	10	0.48	305	1.4
VR58518A		41	155.5	0	0.3	2.28	-10	140	0.35	0.26	0.1	0.26	7.4	28	16.6	2.8	7.5	-0.1	0.06	0.04	10	0.3	225	2.6
VR58519A		28	163	0	0.56	2.34	-10	160	0.3	0.28	0.12	0.18	7.2	28	16.2	3.58	9	-0.1	0.08	0.04	-10	0.34	240	2.4
VR58520A		92	275	0	0.2	1.54	-10	140	0.3	0.22	0.16	0.26	8.4	27	21.8	2.75	4.5	-0.1	0.05	0.04	10	0.36	295	1.2
VR58521A		54	235	0	0.24	1.63	-10	200	0.3	0.21	0.16	0.24	8	25	22.6	2.64	5.1	-0.1	0.04	0.06	-10	0.36	295	2
VR58522A		9	49	0	0.62	2.11	-10	110	0.4	0.21	0.08	0.44	10.8	31	39.8	3.17	5.2	-0.1	0.09	0.06	-10	0.38	390	3
VR58523A		18	137.5	0	0.46	1.71	-10	220	0.35	0.19	0.21	0.18	8.2	31	22.8	2.71	4.9	-0.1	0.09	0.04	10	0.45	255	2.2
VR58524A		7	58	0	0.34	1.79	-10	230	0.35	0.17	0.25	0.14	8.2	27	20.6	2.47	5.2	-0.1	0.09	0.04	10	0.44	230	1.4
VR58525A		28	452	0	0.68	1.28	-10	170	0.2	0.2	0.13	0.12	5.6	22	24.8	2.59	3.9	-0.1	0.09	0.07	-10	0.31	175	4
VR58526A		51	374	0	0.94	1.66	-10	250	0.3	0.25	0.15	0.12	6.4	26	29.8	2.82	4.6	-0.1	0.15	0.05	10	0.32	160	2.4
VR58527A		11	140.5	0	0.38	1.69	-10	220	0.3	0.19	0.25	0.18	9.6	26	22.6	2.74	4.9	-0.1	0.07	0.04	10	0.44	265	1.2
VR58528A		14	179	0	0.42	1.42	-10	170	0.2	0.18	0.16	0.14	6.2	20	13.6	2.11	4.6	-0.1	0.07	0.04	-10	0.32	190	1.4
VR58576A		3	9.8	0	0.12	1.72	-10	490	0.7	0.14	0.48	0.1	10.8	33	18.2	3.27	4.8	-0.1	0.1	0.07	10	0.44	545	0.8
VR58577A		25	12.8	0	0.12	1.8	-10	390	0.5	0.14	0.21	0.08	8.4	30	20	3.03	5.3	-0.1	0.03	0.05	10	0.38	315	1.2
VR58578A		10	20.8	0	0.22	1.48	-10	310	0.7	0.14	1.13	0.28	10.8	28	26.8	3.29	4.4	-0.1	0.07	0.06	10	0.38	665	1
VR58579A		7	27.4	0	0.38	1.52	-10	300	0.75	0.18	0.6	0.16	9.6	33	33	3.37	4.3	-0.1	0.08	0.06	10	0.43	440	1
VR58580A		8	36.8	0	0.36	1.51	-10	290	0.55	0.23	0.67	0.24	8.8	28	34	2.97	4.3	-0.1	0.08	0.06	10	0.37	455	1
VR58581A		84	26	0	0.26	1.5	-10	390	0.55	0.19	0.67	0.2	10.2	32	32.8	2.79	4.5	-0.1	0.06	0.06	10	0.51	530	0.8
VR58582A		9	57.6	0	0.52	1.51	-10	410	0.3	0.22	0.51	0.4	12.2	40	55.9	3.71	4.4	-0.1	0.06	0.08	10	0.45	585	1.6

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR58505A	0.01	20	520	6	0.01	0.5	2	16	-0.05	0.05	0.1	1.25	50	0.25	62	F	
VR58506A	0.01	18	600	24	0.13	2.1	1	16	0.1	0.04	0.26	0.85	58	0.3	74	F	
VR58507A	0.02	12	650	8	0.01	0.3	11	53	-0.05	0.04	0.1	0.85	80	0.15	46	F	
VR58508A	0.02	11	970	-2	0.03	0.4	14	62	-0.05	0.04	0.08	1	98	0.15	56	F	
VR58509A	0.01	27	460	6	0.03	0.8	3	23	-0.05	0.04	0.12	0.85	45	0.2	58	F	
VR58510A	0.02	16	470	10	0.05	0.8	4	42	-0.05	0.04	0.08	1.75	42	0.4	48	F	
VR58511A	0.01	26	690	6	0.03	1.2	9	35	-0.05	0.06	0.22	2.4	48	0.2	64	F	
VR58512A	0.02	32	510	10	0.02	0.6	5	27	-0.05	0.05	0.16	2.15	52	0.25	64	F	
VR58513A	0.01	34	200	18	-0.01	0.6	5	11	-0.05	0.08	0.24	1.2	62	0.2	66	F	
VR58514A	-0.01	15	180	28	-0.01	0.7	5	9	-0.05	0.02	0.16	1.65	36	0.3	60	F	
VR58515A	0.01	11	200	14	-0.01	1	3	14	0.05	0.05	0.1	1.15	45	4.5	36	F	
VR58516A	0.01	17	460	16	-0.01	2.4	4	22	0.05	0.06	0.1	1.1	48	0.35	46	F	
VR58517A	0.01	17	490	8	-0.01	1.4	4	16	-0.05	0.06	0.12	0.95	55	0.3	50	F	
VR58518A	0.01	14	400	28	0.02	1.9	3	14	0.05	0.06	0.16	0.75	61	0.45	36	T	VR58519A
VR58519A	0.01	14	380	24	0.02	1.8	3	16	0.05	0.08	0.16	0.65	72	0.45	40	T	VR58518A
VR58520A	0.01	14	550	16	0.01	0.9	3	15	0.05	0.06	0.1	0.9	48	0.3	44	F	
VR58521A	0.01	15	610	12	0.01	0.6	3	18	0.05	0.05	0.08	1.35	48	0.5	42	F	
VR58522A	0.01	25	460	14	0.04	0.9	3	12	0.05	0.05	0.16	1.8	52	0.25	74	F	
VR58523A	0.01	18	570	28	0.01	3.1	4	18	0.05	0.07	0.14	0.9	56	0.45	44	F	
VR58524A	0.01	14	540	14	0.01	1.3	3	19	-0.05	0.06	0.1	0.8	45	0.3	40	F	
VR58525A	0.01	12	480	24	0.11	3.1	2	19	0.05	0.05	0.24	0.85	39	3.35	30	F	
VR58526A	0.01	14	580	22	0.03	2.4	4	19	0.1	0.04	0.22	1.4	43	2.55	36	F	
VR58527A	0.01	14	520	12	0.01	1.5	4	20	0.05	0.05	0.12	1.1	47	0.6	48	F	
VR58528A	0.01	11	490	10	0.03	1.1	2	15	-0.05	0.04	0.14	0.7	42	0.7	36	F	
VR58576A	0.01	18	220	8	-0.01	1.1	6	31	-0.05	0.03	0.1	0.95	56	0.25	62	F	
VR58577A	0.01	18	170	6	-0.01	0.7	5	18	-0.05	0.03	0.12	0.6	58	0.2	54	F	
VR58578A	0.01	22	350	10	0.03	1.2	5	35	0.05	0.04	0.08	1.7	49	0.25	68	F	
VR58579A	0.01	26	360	10	0.01	1	6	30	0.05	0.04	0.08	1.4	50	0.25	80	F	
VR58580A	0.01	26	490	8	0.02	1	6	32	0.05	0.05	0.08	2.1	44	0.2	72	F	
VR58581A	0.03	33	530	2	0.02	0.9	5	36	0.05	0.06	0.06	1.3	48	0.15	80	F	
VR58582A	0.02	66	490	10	0.01	2.3	8	28	0.05	0.07	0.1	0.8	58	0.25	126	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR58583A	Sixty Mile	SL	LL	19990711	MOD	MODERATE QUALITY B HORIZON SAMPLE WITH SOME ORGANICS.	7	507728	7097955	NAD 27	A9923451
VR58584A	Sixty Mile	SL	LL	19990711	GOOD	GOOD QUALITY B HORIZON SAMPLE WITH ABUNDANT QTZ PEBBLES.	7	507714	7097992	NAD 27	A9923451
VR58585A	Sixty Mile	SL	LL	19990711	GOOD	GOOD QUALITY B HORIZON SAMPLE WITH 10 % ROCK CHIPS (QTZ ?/SCH?).	7	507528	7097979	NAD 27	A9923451
VR58586A	Sixty Mile	SL	LL	19990711	GOOD	GOOD QUALITY B HORIZON SAMPLE.	7	507450	7098013	NAD 27	A9923451
VR58587A	Sixty Mile	SL	LL	19990711	GOOD	GOOD QUALITY B HORIZON SAMPLE.	7	507367	7098045	NAD 27	A9923451
VR58588A	Sixty Mile	SL	LL	19990711	GOOD	GOOD QUALITY SAMPLE. SAMPLE IS VERY DRY AND BUFF COLORED. POSSIBLE LOESS.	7	507360	7098174	NAD 27	A9923451
VR58589A	Sixty Mile	SL	LL	19990711	MOD	SAMPLE IS TAKEN FROM THE B-C HORIZON. SAMPLE DISPLAYS POOR B HORIZON DEVELOPMENT. SAMPLE IS OF MODERATE TO GOOD QUALITY.	7	507212	7098175	NAD 27	A9923451
VR58590A	Sixty Mile	SL	LL	19990711	MOD	MODERATE QUALITY SAMPLE TAKEN FROM THE A - B HORIZON AND FROM FROZEN GROUND.	7	507202	7098236	NAD 27	A9923451
VR58591A	Sixty Mile	SL	LL	19990711	GOOD	GOOD QUALITY SAMPLE.	7	507123	7098285	NAD 27	A9923451
VR58592A	Sixty Mile	SL	LL	19990711	GOOD	GOOD QUALITY SAMPLE FROM THE B - C HORIZON WITH LOTS OF ROCK FRAGMENTS.	7	507004	7098295	NAD 27	A9923451
VR58593A	Sixty Mile	SL	LL	19990711	GOOD	GOOD QUALITY B HORIZON SAMPLE.	7	506913	7098350	NAD 27	A9923451
VR58594A	Sixty Mile	SL	LL	19990711	GOOD	VERY DRY GOOD QUALITY B HORIZON SAMPLE.	7	506810	7098395	NAD 27	A9923451
VR58595A	Sixty Mile	SL	LL	19990711	MOD	MODERATE QUALITY SAMPLE TAKEN FROM THE A - B HORIZON.	7	506700	7098376	NAD 27	A9923451
VR58596A	Sixty Mile	SL	LL	19990711	MOD	FAIR - GOOD QUALITY SAMPLE TAKEN FROM THE B - C HORIZON.	7	506637	7098420	NAD 27	A9923451
VR58597A	Sixty Mile	SL	LL	19990711	GOOD	GOOD QUALITY SAMPLE. GRAPHITIC QTZ SCHIST.	7	506567	7098428	NAD 27	A9923451
VR58598A	Sixty Mile	SL	LL	19990711	MOD	MODERATE QUALITY B - C HORIZON SAMPLE.	7	506462	7098442	NAD 27	A9923451
VR58599A	Sixty Mile	SL	LL	19990711	MOD	MODERATE QUALITY SAMPLE WITH ASH AND LOESS CONTAMINATION.	7	506493	7098614	NAD 27	A9923451
VR58600A	Sixty Mile	SL	LL	19990711	MOD	MODERATE QUALITY SAMPLE.	7	506416	7098682	NAD 27	A9923451
VR58601A	Sixty Mile	SL	LL	19990711	MOD	MODERATE QUALITY SAMPLE WHICH HAS BEEN CONTAMINATED WITH ASH AND LOESS.	7	506407	7098770	NAD 27	A9923451
VR58602A	Sixty Mile	SL	LL	19990711	GOOD	GOOD QUALITY B HORIZON SAMPLE.	7	506371	7098804	NAD 27	A9923451
VR58603A	Sixty Mile	SL	LL	19990714	GOOD		7	505847	7100990	NAD 27	A9923569
VR58604A	Sixty Mile	SL	LL	19990714	GOOD		7	506070	7100999	NAD 27	A9923569
VR58605A	Sixty Mile	SL	LL	19990714	GOOD		7	506283	7100994	NAD 27	A9923569
VR58606A	Sixty Mile	SL	LL	19990714	GOOD	Grey schist.	7	506472	7100970	NAD 27	A9923569
VR58607A	Sixty Mile	SL	LL	19990714	GOOD	Schist for bedrock.	7	506577	7100896	NAD 27	A9923569
VR58608A	Sixty Mile	SL	LL	19990714	GOOD	Schist and quartzite.	7	506731	7101038	NAD 27	A9923569
VR58609A	Sixty Mile	SL	LL	19990714	POOR	Schist fragments.	7	507011	7101063	NAD 27	A9923569
VR58610A	Sixty Mile	SL	LL	19990715	MOD	Schist chips. Some ash contamination.	7	508810	7099979	NAD 27	A9923569
VR58611A	Sixty Mile	SL	LL	19990715	GOOD	Schist fragments.	7	508632	7100128	NAD 27	A9923569
VR58612A	Sixty Mile	SL	LL	19990715	GOOD	Coarse fragments (mus-sch).	7	508602	7100316	NAD 27	A9923569

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR58583A		9	41.8	0	0.52	1.63	-10	520	0.5	0.18	0.71	0.18	9	33	30.6	3.11	3.8	-0.1	0.04	0.08	10	0.45	605	1
VR58584A		36	88.2	0	0.3	1.63	-10	500	0.3	0.15	0.45	0.12	5.8	30	17.4	3.34	2.7	-0.1	0.01	0.09	10	0.46	575	0.8
VR58585A		18	116.5	0	0.78	1.35	-10	490	0.35	0.26	0.57	0.24	9.8	26	35.4	2.73	4.1	-0.1	0.06	0.08	10	0.41	540	1.4
VR58586A		9	47	0	0.28	1.43	-10	350	0.4	0.17	0.31	0.08	6.6	25	20.4	2.43	4.3	-0.1	0.03	0.07	10	0.41	290	0.8
VR58587A		12	110.5	0	0.3	1.29	-10	330	0.5	0.21	0.27	0.1	9	33	19.2	3.12	4.2	-0.1	0.04	0.12	30	0.51	300	0.8
VR58588A		19	147.5	0	0.18	1.47	-10	420	0.5	0.21	0.38	0.14	8.2	27	21.4	2.74	4.2	-0.1	0.05	0.08	10	0.42	435	0.8
VR58589A		8	65.8	0	0.16	1.54	-10	210	0.35	0.18	0.18	0.16	8.8	25	16	2.75	4.4	-0.1	0.03	0.05	10	0.4	410	1
VR58590A		10	25.2	0	0.36	1.59	-10	270	0.25	0.2	0.26	0.2	7.8	28	17.6	2.7	4.6	-0.1	0.05	0.04	10	0.43	295	1
VR58591A		19	32.2	0	0.56	1.77	-10	320	0.35	0.18	0.23	0.24	7.6	29	31.2	2.86	5.3	-0.1	0.05	0.04	10	0.39	295	1.2
VR58592A		13	56.8	0	0.34	1.49	-10	240	0.35	0.22	0.2	0.18	8.2	28	24.4	2.91	4.7	-0.1	0.03	0.05	10	0.37	355	1.6
VR58593A		10	28	0	0.54	1.46	-10	220	0.35	0.17	0.25	0.2	7.6	27	25.4	2.75	4.2	-0.1	0.04	0.05	10	0.41	320	1.6
VR58594A		20	77.2	0	0.62	1.52	-10	260	0.35	0.25	0.13	0.22	8	29	31.6	3.22	4.8	-0.1	0.05	0.06	10	0.33	390	3.4
VR58595A		16	38.2	0	0.84	1.68	-10	310	0.4	0.24	0.36	0.36	11.2	34	57.9	3.52	4.8	-0.1	0.08	0.05	10	0.37	705	2.4
VR58596A		7	26.2	0	0.14	1.55	-10	250	0.3	0.18	0.3	0.28	9	31	21.2	3.07	4.9	-0.1	0.02	0.04	-10	0.47	415	1.8
VR58597A		13	50.8	0	0.36	1.68	-10	290	0.4	0.19	0.27	0.44	12.2	35	35.6	3.58	4.9	-0.1	0.03	0.05	10	0.42	660	2.2
VR58598A		36	92.2	0	0.76	1.22	-10	300	0.25	0.2	0.31	0.48	13.8	31	46	3.51	4.2	-0.1	0.05	0.05	-10	0.29	685	3.2
VR58599A		3	16.4	0	0.64	0.73	-10	150	0.2	0.12	0.08	0.32	4	12	16.6	1.87	3.5	-0.1	0.03	0.04	-10	0.08	155	1.4
VR58600A		26	80	0	0.8	1.16	-10	290	0.3	0.2	0.35	1.12	15	29	55.8	3.67	3.3	-0.1	0.08	0.05	10	0.31	665	2.2
VR58601A		9	76.8	0	0.72	1.98	-10	250	0.4	0.22	0.22	0.54	9.2	36	40	3.81	5.6	-0.1	0.05	0.05	-10	0.38	540	2.4
VR58602A		10	51.6	0	1.06	2.38	-10	370	0.45	0.28	0.19	0.84	13.6	37	48.2	3.94	7.1	-0.1	0.06	0.06	10	0.32	805	3
VR58603A		3	47.2	0	0.28	1.02	-10	90	0.15	0.2	0.04	0.8	5	16	24	2.27	5.3	-0.1	0.05	0.03	-10	0.13	300	1.4
VR58604A		18	164.5	0	1.34	0.87	-10	130	0.25	0.31	0.14	0.42	18.8	19	33.2	3.23	3.8	-0.1	0.06	0.06	10	0.22	1955	2.4
VR58605A		14	160	0	0.52	1.54	-10	220	0.35	0.22	0.28	0.46	16	34	34.6	4.23	5	-0.1	0.07	0.05	10	0.6	1215	1.6
VR58606A		8	67	0	0.3	1.06	-10	180	0.2	0.18	0.21	0.42	9.8	26	45.2	3.42	3	-0.1	0.02	0.04	10	0.33	475	1.8
VR58607A		-2	177	0	0.54	1.03	-10	160	0.35	0.24	0.15	0.7	18	24	43.6	3.62	3.4	-0.1	0.04	0.05	10	0.23	1610	2
VR58608A		46	252	0	0.54	1.08	-10	90	0.3	0.29	0.07	0.82	11	18	40	3.19	4.8	-0.1	0.05	0.05	-10	0.12	1090	2.8
VR58609A		5	81.6	0	1.22	1.38	-10	120	0.25	0.24	0.07	0.28	9.6	25	21.8	2.53	5	-0.1	0.1	0.05	-10	0.29	480	2
VR58610A		2	12	0	0.2	1.94	-10	310	0.3	0.17	0.4	0.2	7.6	32	27.2	2.75	5.1	-0.1	0.05	0.04	10	0.49	275	0.8
VR58611A		19	34.6	0	0.24	1.93	-10	330	0.35	0.21	0.34	0.24	8.2	30	26.6	2.78	5.3	-0.1	0.06	0.05	10	0.42	365	1.2
VR58612A		29	84.4	0	0.38	1.54	-10	250	0.3	0.2	0.2	0.2	9	27	27.6	2.96	4.4	-0.1	0.03	0.06	10	0.35	395	1.4

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR58583A	0.02	32	440	10	0.02	0.7	6	39	0.05	0.05	0.06	1.3	49	0.15	72	F	
VR58584A	0.01	26	370	14	0.01	0.5	5	33	-0.05	0.04	0.06	0.85	46	0.05	78	F	
VR58585A	0.01	26	480	8	0.03	1.1	4	41	0.05	0.04	0.12	1.35	41	0.2	84	F	
VR58586A	0.02	17	240	10	-0.01	0.4	3	30	-0.05	0.05	0.06	1.2	38	0.15	52	F	
VR58587A	0.01	25	290	22	-0.01	0.5	5	29	-0.05	0.05	0.14	2.15	33	0.2	62	F	
VR58588A	0.01	19	360	12	0.01	0.6	4	34	0.05	0.04	0.08	1.4	39	0.2	62	F	
VR58589A	0.01	17	330	14	-0.01	0.7	3	20	0.05	0.05	0.08	0.75	47	0.25	66	F	
VR58590A	0.01	18	550	8	0.01	0.8	3	27	0.05	0.06	0.08	1	46	0.25	70	F	
VR58591A	0.02	18	450	2	-0.01	1.1	4	27	0.05	0.06	0.08	1.1	51	0.25	60	F	
VR58592A	0.01	19	480	6	0.01	1.7	3	25	0.05	0.06	0.08	0.85	51	0.3	66	F	
VR58593A	0.01	17	670	16	0.01	1	3	25	0.05	0.06	0.06	0.95	50	0.25	60	F	
VR58594A	-0.01	18	690	12	0.03	2.5	2	21	0.1	0.05	0.14	1	55	0.55	70	F	
VR58595A	0.01	34	840	6	0.02	1.6	5	29	0.1	0.04	0.12	2.25	51	0.4	104	F	
VR58596A	0.01	23	380	6	-0.01	0.8	3	21	0.05	0.05	0.08	0.55	58	0.25	78	F	
VR58597A	0.01	35	610	6	0.01	1	4	23	0.1	0.04	0.1	1.25	53	1.2	100	F	
VR58598A	0.01	46	720	10	0.01	1.9	3	27	0.1	0.04	0.12	1.45	46	0.7	136	F	
VR58599A	0.02	16	410	-2	-0.01	0.6	1	11	0.05	0.03	0.06	0.4	31	0.3	40	F	
VR58600A	0.01	54	950	10	0.01	1.7	4	26	0.1	0.04	0.16	1.9	41	1.1	194	F	
VR58601A	0.01	32	500	10	0.01	0.7	4	27	0.1	0.05	0.12	1.15	56	0.25	120	F	
VR58602A	0.01	32	660	22	0.01	0.6	5	26	0.05	0.04	0.12	1.95	61	0.25	112	F	
VR58603A	0.01	17	430	10	0.02	0.5	-1	8	0.05	0.04	0.1	0.85	46	0.2	78	F	
VR58604A	0.01	29	810	22	0.03	1.1	1	13	0.1	0.02	0.22	1.35	36	0.15	150	F	
VR58605A	0.01	37	710	6	0.03	0.9	6	18	0.1	0.03	0.1	1.35	55	0.2	120	F	
VR58606A	0.01	42	600	8	0.01	0.7	3	19	0.05	0.05	0.08	1.1	42	0.2	146	F	
VR58607A	0.01	42	690	20	0.01	0.7	2	15	0.1	0.03	0.12	1.25	40	0.35	166	F	
VR58608A	0.01	34	750	26	0.03	0.6	1	12	0.1	0.03	0.14	1.1	45	0.3	158	F	
VR58609A	0.01	19	580	20	0.03	0.3	1	11	0.05	0.03	0.18	1	37	0.2	96	F	
VR58610A	0.02	20	540	16	0.01	0.6	5	34	-0.05	0.07	0.08	1.1	48	0.35	74	F	
VR58611A	0.01	19	450	8	0.01	0.8	4	33	-0.05	0.06	0.1	1.25	46	0.25	84	F	
VR58612A	0.01	21	420	6	0.01	1.3	3	25	0.05	0.04	0.12	1.25	44	0.2	78	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR58613A	Sixty Mile	SL	LL	19990715	GOOD		7	508629	7100526	NAD 27	A9923569
VR58614A	Sixty Mile	SL	LL	19990715	MOD	Frozen ground.	7	508484	7100662	NAD 27	A9923569
VR58615A	Sixty Mile	SL	LL	19990715	POOR	Lots of rock fragments.	7	508321	7100840	NAD 27	A9923569
VR58616A	Sixty Mile	SL	LL	19990715	MOD		7	508163	7100954	NAD 27	A9923569
VR58617A	Sixty Mile	SL	LL	19990715	GOOD	Schist frag. In it.	7	507985	7101037	NAD 27	A9923569
VR58618A	Sixty Mile	SL	LL	19990715	MOD	Some ash. Schist rock fragments in it.	7	507727	7101060	NAD 27	A9923569
VR58619A	Sixty Mile	SL	LL	19990715	GOOD		7	507459	7101018	NAD 27	A9923569
VR58620A	Sixty Mile	SL	LL	19990715	POOR		7	507226	7101115	NAD 27	A9923569
VR58621A	Sixty Mile	SL	LL	19990718	MOD	A-B horizon.	7	506996	7097608	NAD 27	A9923861
VR58622A	Sixty Mile	SL	LL	19990718			7	507012	7097448	NAD 27	A9923861
VR58623A	Sixty Mile	SL	LL	19990718	POOR	A-B horizon. Frozen ground. Really sandy sample.	7	506990	7097360	NAD 27	A9923861
VR58624A	Sixty Mile	SL	LL	19990718	MOD	Fragments of musc.	7	506997	7097258	NAD 27	A9923861
VR58625A	Sixty Mile	SL	LL	19990718	MOD	Frozen ground.	7	506982	7097163	NAD 27	A9923861
VR58626A	Sixty Mile	SL	LL	19990718	GOOD		7	507027	7097054	NAD 27	A9923861
VR58627A	Sixty Mile	SL	LL	19990718	GOOD		7	506986	7096988	NAD 27	A9923861
VR58628A	Sixty Mile	SL	LL	19990718	GOOD	Lots of musc/qzt rock chips.	7	507009	7096872	NAD 27	A9923861
VR58629A	Sixty Mile	SL	LL	19990718	MOD	Possible ash contamination.	7	506895	7096798	NAD 27	A9923861
VR58630A	Sixty Mile	SL	LL	19990718	GOOD		7	506779	7096722	NAD 27	A9923861
VR58631A	Sixty Mile	SL	LL	19990718	MOD	Sample is sandy.	7	506640	7096674	NAD 27	A9923861
VR58632A	Sixty Mile	SL	LL	19990718	GOOD	Lots of rock chips and mica.	7	506583	7096522	NAD 27	A9923861
VR58633A	Sixty Mile	SL	LL	19990718	GOOD	Chips of mica.	7	506511	7096395	NAD 27	A9923861
VR58635A	Sixty Mile	SL	LL	19990719	GOOD	Taken on top pf placer tailings.	7	508270	7097115	NAD 27	A9924198
VR58636A	Sixty Mile	SL	LL	19990719	GOOD	Taken on the river bank (gouge).	7	507210	7097444	NAD 27	A9924198
VR58637A	Sixty Mile	SL	LL	19990719	POOR		7	506903	7097588	NAD 27	A9924198
VR58638A	Sixty Mile	SL	LL	19990719	POOR	Rock fragments in it (qzt).	7	506842	7097486	NAD 27	A9924198
VR58639A	Sixty Mile	SL	LL	19990719	GOOD		7	506713	7097457	NAD 27	A9924198
VR58640A	Sixty Mile	SL	LL	19990719	POOR		7	506635	7097443	NAD 27	A9924198
VR58641A	Sixty Mile	SL	LL	19990719	GOOD	Passed qzt outcrop.	7	506591	7097395	NAD 27	A9924198
VR58642A	Sixty Mile	SL	LL	19990719	GOOD	Rock fragments in it (qzt).	7	506492	7097338	NAD 27	A9924198
VR58643A	Sixty Mile	SL	LL	19990719	MOD		7	506312	7097246	NAD 27	A9924198
VR58644A	Sixty Mile	SL	LL	19990719	GOOD		7	506198	7097212	NAD 27	A9924198
VR58645A	Sixty Mile	SL	LL	19990719	GOOD		7	506223	7097036	NAD 27	A9924198
VR58646A	Sixty Mile	SL	LL	19990719	GOOD		7	506309	7097090	NAD 27	A9924198
VR58647A	Sixty Mile	SL	LL	19990719	POOR		7	506440	7097154	NAD 27	A9924198
VR58648A	Sixty Mile	SL	LL	19990720	GOOD	Taken in frost boil between the outcrops.	7	502410	7103865	NAD 27	A9924198
VR58649A	Sixty Mile	SL	LL	19990720	MOD	Lots of rock fragments in it.	7	502410	7103815	NAD 27	A9924198
VR58650A	Sixty Mile	SL	LL	19990720	GOOD		7	502410	7103915	NAD 27	A9924198
VR58651A	Sixty Mile	SL	LL	19990720	GOOD		7	502410	7103915	NAD 27	A9924198
VR58652A	Sixty Mile	SL	LL	19990720	GOOD	Frost boil sample.	7	502484	7103865	NAD 27	A9924198

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR58613A		9	114.5	0	0.5	2.55	-10	240	0.65	0.24	0.13	0.2	10.2	45	29.4	3.89	6.9	-0.1	0.05	0.06	10	0.38	460	1.4
VR58614A		7	20.4	0	0.3	1.9	-10	320	0.4	0.2	0.44	0.32	10.4	32	30.4	3	5.1	-0.1	0.05	0.05	10	0.51	405	1
VR58615A		22	58.2	0	0.42	1.45	-10	160	0.2	0.22	0.16	0.42	10.4	25	31.2	3.09	4.8	-0.1	0.03	0.05	10	0.31	460	1.8
VR58616A		29	51.6	0	0.6	1.82	-10	430	0.3	0.24	0.14	0.7	23.4	28	31.6	3.65	5.7	-0.1	0.06	0.05	10	0.33	2320	2.6
VR58617A		6	404	0	0.4	1.12	-10	260	0.3	0.29	0.37	1.14	18.2	23	41.8	3.92	3.8	-0.1	0.02	0.06	10	0.32	1915	2.8
VR58618A		4	113.5	0	0.4	1.46	-10	200	0.35	0.24	0.23	0.52	12.2	22	28.2	3.33	4.8	-0.1	0.05	0.05	-10	0.34	650	1.4
VR58619A		14	34.8	0	0.42	1.52	-10	160	0.35	0.22	0.18	0.32	13.4	30	26.6	3.28	4.8	-0.1	0.03	0.05	10	0.39	615	1.2
VR58620A		8	129	0	0.24	0.84	-10	100	0.25	0.3	0.12	0.32	15.6	25	38	3.75	4.1	-0.1	0.02	0.06	10	0.21	995	2.4
VR58621A		37	327	0	1.98	2.34	-10	160	0.35	0.24	0.06	0.14	5.8	28	13.6	4.25	8.1	-0.1	0.07	0.07	-10	0.28	205	2.6
VR58622A		21	95.4	0	0.14	1.44	-10	180	0.25	0.24	0.17	0.12	7	23	9.6	2.25	4.2	-0.1	0.04	0.04	10	0.36	290	0.6
VR58623A		21	82.2	0	0.14	1.28	-10	300	0.35	0.22	0.4	0.18	8	23	11.6	2.17	3.9	-0.1	0.03	0.05	10	0.43	380	0.8
VR58624A		89	229	0	0.34	0.88	-10	300	0.65	0.46	0.28	0.38	5	16	17	2.36	2.9	0.1	0.04	0.07	70	0.28	410	1.4
VR58625A		24	73.6	0	0.26	1.42	-10	340	0.55	0.29	0.4	0.42	8.2	30	27.8	2.23	4.1	-0.1	0.03	0.06	10	0.49	165	0.6
VR58626A		33	157	0	0.2	1.79	-10	360	0.55	0.28	0.27	0.24	10.2	33	20	2.96	5	-0.1	0.03	0.07	20	0.47	415	0.8
VR58627A		32	151	0	0.14	2.45	-10	310	0.65	0.21	0.14	0.22	14	52	29	3.57	6.3	-0.1	0.01	0.08	10	0.62	515	1
VR58628A		27	152	0	0.06	2.27	-10	160	0.55	0.23	0.07	0.28	14	58	25.6	4.53	6.5	-0.1	0.03	0.26	10	0.7	465	1.2
VR58629A		60	180	0	0.42	1.49	-10	430	0.65	0.32	0.41	0.34	8	29	24	2.68	4.2	-0.1	0.02	0.08	30	0.48	405	1.6
VR58630A		-1	39	0	0.14	2.65	-10	290	0.8	0.18	0.67	0.12	23.8	258	42	4.08	9.6	0.1	0.03	0.6	10	2.3	575	1.2
VR58631A		10	40.8	0	0.12	1.5	-10	260	0.4	0.22	0.15	0.08	5.6	27	12.8	2.31	4.5	-0.1	-0.01	0.05	10	0.38	190	1
VR58632A		3	23	0	0.18	1.54	-10	310	0.35	0.22	0.64	0.24	10.2	46	30	2.81	4.6	-0.1	0.01	0.13	10	0.68	285	0.8
VR58633A		6	63.6	0	0.1	2.09	-10	260	0.5	0.21	0.22	0.14	15.2	90	26.2	3.78	6.2	-0.1	0.02	0.23	30	0.86	530	0.6
VR58635A		3	27	0	0.5	0.98	-10	100	2.65	0.12	0.22	0.5	35.8	19	103.5	8.3	3.8	0.1	0.07	0.31	10	0.3	380	1
VR58636A		89	86.2	0	1.16	0.13	-10	50	0.3	0.35	0.02	0.04	1	-1	6	1.43	0.6	-0.1	0.01	0.12	30	0.04	20	3.6
VR58637A		68	449	0	1.14	1.94	-10	230	0.45	0.25	0.07	0.2	5.8	26	14.2	3.16	6.2	-0.1	0.05	0.06	-10	0.3	210	2.4
VR58638A		65	307	0	1.06	1.82	-10	290	0.4	0.26	0.11	0.14	10.2	27	15	3.22	5.7	-0.1	0.1	0.09	-10	0.37	470	2.8
VR58639A		62	386	0	0.42	1.38	-10	150	0.25	0.24	0.13	0.12	5.8	24	16.6	2.55	4.3	-0.1	0.05	0.06	-10	0.36	185	1.8
VR58640A		95	275	0	2.86	1.12	-10	240	0.15	0.32	0.07	0.1	3.4	17	15.4	2.21	4	-0.1	0.09	0.1	-10	0.18	110	2.4
VR58641A		56	483	0	0.88	1.67	-10	190	0.3	0.24	0.14	0.14	7.4	28	20.4	2.9	5	-0.1	0.12	0.06	-10	0.43	235	1.8
VR58642A		99	718	0	1.96	1.82	-10	210	0.35	0.26	0.14	0.2	8.8	33	28	3.16	5.3	-0.1	0.11	0.07	-10	0.42	335	1.8
VR58643A		60	167	0	0.54	2.03	-10	200	0.3	0.22	0.15	0.16	9.6	33	17.6	3.03	5.7	-0.1	0.14	0.06	-10	0.51	375	1.6
VR58644A		21	106	0	0.5	2.19	-10	250	0.4	0.21	0.17	0.12	7.4	34	21	2.97	5.5	-0.1	0.18	0.05	-10	0.49	210	1.4
VR58645A		69	55.2	0	0.36	1.39	-10	170	0.25	0.35	0.12	0.36	5.8	19	14.8	2.58	3.4	-0.1	0.08	0.05	20	0.3	485	1
VR58646A		29	175	0	0.7	1.43	-10	220	0.45	0.56	0.35	0.48	11.6	25	33.6	3.04	5	-0.1	0.1	0.07	30	0.5	585	2.4
VR58647A		5	13.8	0	0.24	1.22	-10	210	0.3	0.25	0.32	0.22	5.2	23	15	1.72	3.6	-0.1	0.06	0.04	10	0.47	255	0.4
VR58648A		76	25.8	0	0.3	2.16	-10	60	0.4	0.21	0.08	0.2	7.4	30	21.4	3.46	6.7	-0.1	0.07	0.04	-10	0.4	240	1.6
VR58649A		16	72.6	0	0.4	1.09	-10	120	0.2	0.27	0.1	0.2	4.4	25	37.4	2.97	5.5	-0.1	0.05	0.07	-10	0.22	150	4.2
VR58650A		4	11	0	0.26	1.9	-10	70	0.7	0.22	0.08	0.28	13.6	31	54.7	3.46	4.5	-0.1	0.1	0.05	10	0.33	310	1.6
VR58651A		4	10.6	0	0.26	1.87	-10	70	0.6	0.21	0.08	0.32	13.4	31	53.4	3.37	4.2	-0.1	0.1	0.05	10	0.32	320	1.4
VR58652A		15	10.8	0	0.26	1.15	-10	90	0.6	0.19	0.1	0.26	11	23	36.4	3.21	3	-0.1	0.05	0.05	10	0.31	415	1.2

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR58613A	0.01	42	350	16	-0.01	1.2	4	20	0.05	0.05	0.14	0.95	60	0.2	74	F	
VR58614A	0.02	25	540	12	0.01	0.9	4	30	0.05	0.06	0.1	1.45	49	0.25	92	F	
VR58615A	0.01	28	550	12	0.03	0.5	2	17	0.05	0.05	0.12	0.85	48	0.2	114	F	
VR58616A	0.01	35	900	20	0.01	0.5	2	16	0.05	0.05	0.16	1.05	52	0.3	150	F	
VR58617A	0.01	47	1350	52	0.02	1.4	3	22	0.1	0.03	0.16	0.9	48	0.35	254	F	
VR58618A	0.02	32	660	20	0.02	0.4	3	15	0.05	0.04	0.14	0.95	46	0.2	152	F	
VR58619A	0.01	31	560	8	0.01	0.4	3	17	0.05	0.05	0.14	0.95	50	0.25	116	F	
VR58620A	0.01	37	890	20	0.01	0.5	1	13	0.1	0.03	0.14	0.9	47	0.2	148	F	
VR58621A	0.01	11	410	18	0.09	4	1	14	0.05	0.08	0.18	0.4	74	0.65	42	F	
VR58622A	0.01	11	430	16	0.02	0.4	1	17	-0.05	0.04	0.1	0.9	40	1.45	56	F	
VR58623A	0.01	13	440	16	0.04	0.5	1	40	-0.05	0.04	0.08	1.4	41	0.35	64	F	
VR58624A	0.01	12	270	30	0.01	0.7	5	28	-0.05	0.03	0.08	3.95	23	0.4	94	F	
VR58625A	0.02	22	440	22	0.03	1	3	30	0.05	0.05	0.1	2.9	45	0.35	90	F	
VR58626A	-0.01	23	310	24	0.01	0.7	3	29	0.05	0.05	0.1	1.9	49	0.3	82	F	
VR58627A	0.01	37	430	14	-0.01	0.9	4	16	0.05	0.07	0.14	1.2	66	0.35	68	F	
VR58628A	0.01	46	370	8	0.01	1.5	5	8	0.05	0.07	0.28	1.4	41	0.45	74	F	
VR58629A	0.01	23	390	52	0.01	0.8	3	44	0.05	0.05	0.1	3.1	40	0.3	94	F	
VR58630A	-0.01	81	1340	16	0.01	0.4	5	38	0.05	0.11	0.4	1.3	100	1	76	F	
VR58631A	0.01	14	140	16	-0.01	0.5	2	19	0.05	0.05	0.08	0.85	45	0.2	46	F	
VR58632A	0.01	30	670	10	0.03	0.6	4	38	0.05	0.06	0.14	1.75	51	0.2	82	F	
VR58633A	0.01	63	450	16	-0.01	1.2	4	18	0.05	0.07	0.26	1.45	55	0.15	90	F	
VR58635A	0.01	70	820	28	-0.01	4	33	9	-0.05	0.01	0.76	3.8	151	2.6	248	F	
VR58636A	-0.01	4	60	50	0.24	2.5	1	9	-0.05	-0.01	0.14	1	-1	0.75	48	F	
VR58637A	0.01	11	390	16	0.07	5.1	1	14	0.05	0.06	0.16	0.35	61	0.65	42	F	
VR58638A	0.02	13	440	26	0.1	3.1	2	22	0.05	0.06	0.18	0.5	58	1.4	52	F	
VR58639A	0.01	13	400	26	0.07	2.6	2	16	0.05	0.05	0.18	0.5	44	1.1	46	F	
VR58640A	0.02	8	470	36	0.15	5.8	1	26	0.05	0.04	0.2	0.55	35	1.25	32	F	
VR58641A	0.01	15	610	30	0.05	3.6	2	18	0.05	0.05	0.18	0.7	48	0.9	58	F	
VR58642A	0.01	19	500	30	0.07	6	3	22	0.05	0.05	0.2	0.9	52	1.8	60	F	
VR58643A	0.01	16	480	26	0.01	2.8	3	19	0.05	0.06	0.14	0.7	56	1.35	66	F	
VR58644A	0.01	17	580	28	0.02	4.2	3	20	0.05	0.05	0.16	0.8	49	0.8	66	F	
VR58645A	0.01	10	400	122	0.01	0.5	1	16	-0.05	0.03	0.08	1.85	32	33	122	F	
VR58646A	0.01	14	600	60	0.03	0.8	3	26	0.15	0.04	0.14	4.4	37	9.6	120	F	
VR58647A	0.02	11	460	12	0.06	0.3	3	24	-0.05	0.04	0.08	1.9	34	1.4	62	F	
VR58648A	0.01	17	440	4	0.03	1	2	10	0.05	0.07	0.16	0.7	62	0.35	52	F	
VR58649A	0.01	15	870	20	0.12	1.6	-1	31	0.1	0.04	0.2	1	56	0.35	64	F	
VR58650A	0.01	34	520	6	0.01	0.7	4	10	0.05	0.05	0.12	1.6	48	0.35	86	T	VR58651A
VR58651A	0.01	33	530	8	0.01	0.7	4	10	0.05	0.05	0.12	1.55	47	0.35	84	T	VR58650A
VR58652A	0.01	36	460	2	0.01	1.1	3	13	0.05	0.05	0.1	0.9	37	0.3	96	F	

Sample		Sample		Sample	Sample		UTM	UTM	UTM		First
Number	Property	Type	Geologist	Date	Quality	NOTES	ZONE	EAST	NORTH	DATUM	Certificate
VR58653A	Sixty Mile	SL	LL	19990720		(Sample quality not recorded). Taken in 3 different holes - tough sampling. (Diagram of relative hole locations on field data sheet).	7	502360	7103865	NAD 27	A9924198
VR58654A	Sixty Mile	SL	LL	19990720	GOOD	OK, lots of mica. PYY noted in outcrop.	7	510663	7095045	NAD 27	A9924198
VR58655A	Sixty Mile	SL	LL	19990720	GOOD	Mus-qzt fragments.	7	510824	7094901	NAD 27	A9924198
VR58656A	Sixty Mile	SL	LL	19990720		Taken 10 ft above subcrop of grn cat pit. (Sample quality not recorded).	7	511024	7094885	NAD 27	A9924198
VR58657A	Sixty Mile	SL	LL	19990720	GOOD	Mica in soil.	7	511227	7094778	NAD 27	A9924198
VR58658A	Sixty Mile	SL	LL	19990720	GOOD		7	511089	7094605	NAD 27	A9924198
VR58659A	Sixty Mile	SL	LL	19990720		(Sample quality not recorded).	7	511256	7094517	NAD 27	A9924198
VR58660A	Sixty Mile	SL	LL	19990720	GOOD	Mus/qzt chips in sample.	7	511357	7094325	NAD 27	A9924198
VR58661A	Sixty Mile	SL	LL	19990720	GOOD	Anove RZ-144. (ERN ok). Some ash.	7	511475	7094170	NAD 27	A9924198
VR58662A	Sixty Mile	SL	LL	19990720	GOOD	Some 20% intrusive rocks found on road.	7	511581	7093965	NAD 27	A9924198
VR58663A	Sixty Mile	SL	LL	19990720		Mixed pebble lithologies. (Sample quality not recorded).	7	511738	7093829	NAD 27	A9924198
VR58664A	Sixty Mile	SL	LL	19990730	MOD	Taken on the west side of the road. Phyllite/quartzite chips.	7	502766	7103745	NAD 27	A9925209
VR58665A	Sixty Mile	SL	LL	19990730	MOD		7	502666	7103745	NAD 27	A9925209
VR58666A	Sixty Mile	SL	LL	19990730	GOOD	Taken in a test pit.	7	502566	7103745	NAD 27	A9925209
VR58667A	Sixty Mile	SL	LL	19990730	GOOD	Taken 5m from quartzite outcrop with lots of x-cutting veinlets.	7	502466	7103745	NAD 27	A9925209
VR58668A	Sixty Mile	SL	LL	19990730	GOOD	Qzt boulder silicified with x-cutting veins.	7	502366	7103745	NAD 27	A9925209
VR58669A	Sixty Mile	SL	LL	19990730	MOD		7	502266	7103745	NAD 27	A9925209
VR58670A	Sixty Mile	SL	LL	19990730	GOOD		7	502166	7103745	NAD 27	A9925209
VR58671A	Sixty Mile	SL	LL	19990730	GOOD		7	502066	7103745	NAD 27	A9925209
VR58672A	Sixty Mile	SL	LL	19990730	GOOD		7	501966	7103745	NAD 27	A9925209
VR58673A	Sixty Mile	SL	LL	19990730	GOOD		7	501966	7103745	NAD 27	A9925209
VR58674A	Sixty Mile	SL	LL	19990730	MOD		7	501866	7103745	NAD 27	A9925209
VR58675A	Sixty Mile	SL	LL	19990730	GOOD		7	501766	7103745	NAD 27	A9925209
VR58676A	Sixty Mile	SL	LL	19990730	GOOD		7	501666	7103745	NAD 27	A9925209
VR58677A	Sixty Mile	SL	LL	19990730	GOOD		7	501566	7103745	NAD 27	A9925209
VR58678A	Sixty Mile	SL	LL	19990730	GOOD	Phyllitic quartzite chips.	7	501566	7103945	NAD 27	A9925209
VR58679A	Sixty Mile	SL	LL	19990730	GOOD		7	501666	7103945	NAD 27	A9925209
VR58680A	Sixty Mile	SL	LL	19990730	MOD		7	501766	7103945	NAD 27	A9925209
VR58681A	Sixty Mile	SL	LL	19990730	GOOD	Phyllitic chips in it.	7	501866	7103945	NAD 27	A9925209
VR58682A	Sixty Mile	SL	LL	19990730	GOOD		7	501966	7103945	NAD 27	A9925209
VR58683A	Sixty Mile	SL	LL	19990730	MOD		7	502066	7103945	NAD 27	A9925209
VR58684A	Sixty Mile	SL	LL	19990730	POOR	Taken 5m below qzt outcrop.	7	502066	7103845	NAD 27	A9925209
VR58685A	Sixty Mile	SL	LL	19990730	MOD	Qzt chips in sample.	7	502166	7103945	NAD 27	A9925209
VR58686A	Sixty Mile	SL	LL	19990730	GOOD	Frost boil sample.	7	502266	7103945	NAD 27	A9925209
VR58687A	Sixty Mile	SL	LL	19990731	MOD	Possible loess.	7	502812	7103577	NAD 27	A9925209
VR58688A	Sixty Mile	SL	LL	19990731	GOOD		7	502712	7103577	NAD 27	A9925209
VR58689A	Sixty Mile	SL	LL	19990731	GOOD		7	502612	7103577	NAD 27	A9925209

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR58653A		2	11.6	0	0.16	1.76	-10	70	0.3	0.21	0.07	0.2	7	27	23	3.4	6.1	-0.1	0.05	0.04	-10	0.29	240	1.4
VR58654A		-1	13.2	0	0.26	1.95	-10	280	1.15	1.43	0.28	0.34	11.6	21	56.7	5.11	7.4	0.1	0.06	0.35	40	0.74	735	1.6
VR58655A		9	7.4	0	0.12	1.98	-10	210	0.5	0.19	0.4	0.16	9.8	43	21	3.06	5.8	-0.1	0.07	0.09	10	0.64	355	0.8
VR58656A		-1	6.2	0	0.06	1.73	-10	180	0.45	0.14	0.51	0.14	9	37	16.8	2.74	5.2	-0.1	0.05	0.07	-10	0.69	300	0.6
VR58657A		-1	3	0	0.18	2.74	-10	220	0.95	0.16	0.54	0.12	18.4	87	34.2	3.88	8.9	0.1	0.03	0.11	30	1.24	640	0.6
VR58658A		2	5.2	0	0.06	2.75	-10	150	0.75	0.18	0.23	0.1	18.6	47	26.8	3.76	7.1	-0.1	0.05	0.09	10	0.84	540	0.6
VR58659A		-1	4.8	0	0.1	2.07	-10	130	0.55	0.16	0.19	0.18	11.4	46	28.4	2.92	5.8	-0.1	0.05	0.09	10	0.64	275	0.8
VR58660A		-1	3.2	0	0.04	2.79	-10	190	0.7	0.1	0.33	0.06	19	67	55.1	3.91	8.4	-0.1	-0.01	0.17	20	1.31	410	1
VR58661A		3	12.8	0	0.06	2.12	-10	130	0.5	0.19	0.15	0.08	8.4	33	19.4	3.13	6	-0.1	0.02	0.05	10	0.52	235	0.8
VR58662A		-1	4.6	0	0.1	2.54	-10	130	0.65	0.16	0.17	0.08	12	43	23.2	3.62	8.2	-0.1	0.03	0.21	10	0.88	335	0.8
VR58663A		-1	6.6	0	0.08	2.16	-10	120	0.45	0.16	0.29	0.1	12.6	44	20.2	4.06	8.2	-0.1	0.01	0.12	10	0.81	320	1.4
VR58664A		5	18	0	0.4	1.65	-10	90	0.3	0.28	0.07	0.52	12.2	42	43.4	3.43	5.8	-0.1	0.06	0.06	20	0.42	565	2.6
VR58665A		-1	13.2	0	0.1	2.16	-10	100	0.35	0.26	0.07	0.24	12	44	52	4.39	9.4	-0.1	0.03	0.05	10	0.86	530	1.8
VR58666A		5	20.4	0	0.32	2.07	-10	110	0.4	0.19	0.12	0.8	13.6	64	60.6	3.38	5.7	-0.1	0.05	0.06	10	0.75	405	1.8
VR58667A		4	14.6	0	0.08	2.18	-10	160	0.4	0.19	0.11	0.4	9.8	30	22.4	3.13	5.7	-0.1	0.03	0.05	-10	0.44	310	1.2
VR58668A		12	24	0	0.24	1.25	-10	110	0.3	0.22	0.14	0.38	9.4	24	35.2	3.1	4.2	-0.1	0.03	0.05	-10	0.3	280	1.6
VR58669A		82	59	0	0.26	1.17	-10	90	0.3	0.2	0.13	0.34	8.4	23	28.2	2.75	4.6	-0.1	0.03	0.06	-10	0.28	300	1.6
VR58670A		14	29.6	0	0.28	0.97	-10	100	0.2	0.21	0.1	0.18	6.8	25	26.2	2.92	4.4	-0.1	0.03	0.05	-10	0.27	215	2
VR58671A		12	18	0	0.16	1.38	-10	100	0.25	0.17	0.11	0.24	7.4	25	28.8	2.72	4.3	-0.1	0.02	0.04	-10	0.34	225	1.4
VR58672A		13	24.6	0	0.14	1.76	-10	120	0.2	0.19	0.12	0.2	7.8	27	25.2	2.85	5.1	-0.1	0.04	0.05	10	0.43	285	1.2
VR58673A		12	24	0	0.12	1.66	-10	110	0.25	0.19	0.11	0.2	7.6	27	24.4	2.74	4.9	-0.1	0.04	0.05	-10	0.4	275	1.2
VR58674A		6	13.2	0	0.16	1.47	-10	120	0.3	0.18	0.12	0.26	8.2	24	23	2.53	5	-0.1	0.03	0.04	-10	0.39	300	1.2
VR58675A		-1	6	0	0.02	0.91	-10	50	0.15	0.12	0.07	0.1	3.4	9	13.8	1.33	4.3	-0.1	0.01	0.03	-10	0.11	175	0.8
VR58676A		5	9.6	0	0.1	1.44	-10	130	0.25	0.17	0.11	0.2	6.2	24	23.6	2.28	4.8	-0.1	0.03	0.04	-10	0.38	215	1
VR58677A		5	15.4	0	0.12	1.44	-10	110	0.25	0.19	0.11	0.22	6.8	25	28	2.5	4.8	-0.1	0.04	0.04	-10	0.34	245	1.4
VR58678A		7	33.6	0	0.12	1.54	-10	110	0.35	0.21	0.08	0.22	7.4	27	30	2.77	5.1	-0.1	0.06	0.04	-10	0.37	240	1.6
VR58679A		7	13.6	0	0.2	1.66	-10	130	0.4	0.19	0.1	0.22	7.4	27	29	2.73	4.8	-0.1	0.08	0.04	-10	0.39	220	1.4
VR58680A		5	15.6	0	0.12	1.24	-10	80	0.2	0.23	0.1	0.18	6.2	25	18	2.95	5.7	-0.1	0.05	0.05	-10	0.32	215	1.2
VR58681A		7	31	0	0.38	1.41	-10	190	0.35	0.24	0.1	0.24	7.4	24	29.2	2.6	4.5	-0.1	0.06	0.05	-10	0.28	175	1.6
VR58682A		23	32.6	0	0.4	0.99	-10	130	0.25	0.21	0.13	0.28	6.8	22	29.6	2.55	3.6	-0.1	0.03	0.06	10	0.26	145	2
VR58683A		7	30.6	0	0.16	1.41	-10	90	0.25	0.22	0.12	0.24	9.6	26	23.4	3.09	4.8	-0.1	0.03	0.04	-10	0.35	345	1.4
VR58684A		7	17.4	0	0.12	1.54	-10	100	0.2	0.21	0.09	0.2	6.8	21	18	2.68	5.8	-0.1	0.02	0.04	-10	0.3	205	1.2
VR58685A		2	9	0	0.02	2.04	-10	90	0.3	0.19	0.08	0.14	7.6	27	20.2	3.01	6.2	-0.1	0.04	0.03	-10	0.32	235	1.2
VR58686A		6	6.6	0	0.14	0.97	-10	110	0.25	0.19	0.07	0.18	10.4	23	47.2	3.06	3.1	-0.1	0.05	0.04	10	0.25	185	1
VR58687A		3	14.6	0	0.18	2.14	-10	110	0.35	0.22	0.12	0.32	10.4	36	42.2	2.94	5.4	-0.1	0.08	0.05	10	0.59	170	1.8
VR58688A		2	34.8	0	0.08	2.18	-10	70	0.6	0.24	0.06	0.46	19.4	181	50.9	3.62	6.4	-0.1	0.05	0.05	10	0.86	655	2
VR58689A		6	40.6	0	0.34	1.61	-10	130	0.45	0.36	0.15	0.86	18	146	75.3	3.83	5.2	0.1	0.03	0.05	10	0.82	910	2.8

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR58653A	0.01	20	370	2	0.02	0.7	2	11	0.05	0.07	0.12	0.65	57	0.3	58	F	
VR58654A	0.01	16	620	138	0.01	1.1	5	21	0.1	0.08	0.32	1.95	37	0.15	154	F	
VR58655A	0.01	17	570	4	0.01	0.4	4	32	0.05	0.09	0.12	1.6	56	0.2	68	F	
VR58656A	0.01	16	380	6	0.01	0.3	3	33	-0.05	0.06	0.08	0.55	52	0.45	70	F	
VR58657A	0.01	42	800	2	0.02	0.1	5	32	0.05	0.06	0.1	1.2	55	0.15	86	F	
VR58658A	0.01	32	350	6	-0.01	0.2	3	15	0.05	0.08	0.12	0.5	57	0.25	68	F	
VR58659A	0.02	21	470	6	-0.01	0.3	3	16	0.05	0.08	0.1	0.75	54	0.2	80	F	
VR58660A	0.01	38	730	-2	-0.01	0.2	4	23	-0.05	0.16	0.2	0.9	81	0.4	82	F	
VR58661A	0.01	19	260	8	-0.01	0.5	3	18	-0.05	0.07	0.12	0.75	58	0.35	54	F	
VR58662A	0.01	26	250	10	-0.01	0.3	3	18	-0.05	0.13	0.2	0.55	54	0.15	66	F	
VR58663A	0.01	26	480	4	0.01	0.3	3	21	0.05	0.14	0.16	0.6	77	0.2	66	F	
VR58664A	0.01	34	960	20	0.05	1.7	1	20	0.05	0.03	0.12	1.65	56	0.25	118	F	
VR58665A	-0.01	32	500	12	0.04	1.6	3	12	0.05	0.06	0.14	1.25	82	0.2	98	F	
VR58666A	0.01	37	880	8	0.03	1.1	4	15	0.05	0.04	0.16	2.2	50	0.2	114	F	
VR58667A	0.01	22	410	6	0.01	0.8	3	15	0.05	0.06	0.1	0.7	54	0.25	64	F	
VR58668A	0.01	26	670	8	0.03	0.9	2	23	0.05	0.05	0.14	1.2	48	0.25	88	F	
VR58669A	0.01	24	710	8	0.03	1.2	1	18	0.05	0.06	0.12	0.95	47	0.35	78	F	
VR58670A	0.01	18	560	6	0.05	2.2	2	24	0.1	0.06	0.14	0.95	51	0.3	60	F	
VR58671A	-0.01	20	580	10	0.02	1.2	2	13	0.05	0.05	0.1	0.85	43	0.25	58	F	
VR58672A	0.01	18	660	8	0.01	0.8	2	12	0.05	0.05	0.12	1	48	0.3	62	T	VR58673A
VR58673A	0.01	16	660	6	0.01	0.8	2	11	-0.05	0.05	0.1	0.95	46	0.25	64	T	VR58672A
VR58674A	0.01	18	600	12	0.02	0.6	1	13	0.05	0.04	0.1	0.75	43	0.25	66	F	
VR58675A	0.02	4	390	8	0.01	0.3	-1	9	-0.05	0.04	0.06	0.4	29	0.1	26	F	
VR58676A	0.01	15	490	8	0.01	0.5	1	12	-0.05	0.04	0.08	0.8	42	0.2	58	F	
VR58677A	-0.01	15	640	8	0.01	0.7	1	12	0.05	0.04	0.1	0.95	42	0.2	64	F	
VR58678A	0.01	17	540	8	0.01	0.7	2	11	0.05	0.05	0.12	1.05	49	0.25	68	F	
VR58679A	0.01	17	570	12	0.01	0.6	2	12	0.05	0.05	0.12	1	45	0.2	64	F	
VR58680A	0.01	15	460	8	0.02	0.7	1	12	0.05	0.06	0.08	0.5	56	0.25	62	F	
VR58681A	0.01	16	620	12	0.04	0.9	2	17	0.05	0.04	0.14	1	40	0.25	58	F	
VR58682A	0.01	19	660	14	0.05	1.6	3	26	0.15	0.04	0.16	1.1	39	0.3	66	F	
VR58683A	0.01	19	620	8	0.02	1.2	1	11	0.1	0.06	0.12	0.75	49	0.3	66	F	
VR58684A	0.01	15	440	6	0.01	0.7	1	13	0.05	0.05	0.12	0.6	47	0.25	48	F	
VR58685A	-0.01	15	390	2	0.02	0.7	1	11	0.05	0.05	0.1	0.7	54	0.25	50	F	
VR58686A	0.01	36	470	2	-0.01	0.7	4	9	0.05	0.05	0.18	1.4	36	0.2	94	F	
VR58687A	0.01	33	640	8	0.02	0.6	3	13	0.05	0.04	0.12	1.5	46	0.25	82	F	
VR58688A	-0.01	89	430	10	0.02	1.1	4	8	0.05	0.04	0.1	1	68	0.2	114	F	
VR58689A	-0.01	96	810	16	0.01	1.9	5	14	0.1	0.02	0.1	1.75	57	0.3	158	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR58690A	Sixty Mile	SL	LL	19990731	MOD		7	502512	7103577	NAD 27	A9925209
VR58691A	Sixty Mile	SL	LL	19990731	GOOD		7	502412	7103577	NAD 27	A9925209
VR58692A	Sixty Mile	SL	LL	19990731	GOOD		7	502312	7103577	NAD 27	A9925209
VR58693A	Sixty Mile	SL	LL	19990731	GOOD		7	502312	7103577	NAD 27	A9925209
VR58694A	Sixty Mile	SL	LL	19990731	MOD	(Either 0% or 10% organics - hard to read card)	7	502212	7103577	NAD 27	A9925209
VR58695A	Sixty Mile	SL	LL	19990731	MOD		7	502112	7103577	NAD 27	A9925209
VR58696A	Sixty Mile	SL	LL	19990731	MOD		7	502012	7103577	NAD 27	A9925209
VR58697A	Sixty Mile	SL	LL	19990731	MOD	Ash present.	7	502012	7103677	NAD 27	A9925209
VR58698A	Sixty Mile	SL	LL	19990731	POOR	Poor quality, extremely wet.	7	501912	7103577	NAD 27	A9925209
VR58699A	Sixty Mile	SL	LL	19990731	MOD		7	501812	7103577	NAD 27	A9925209
VR58700A	Sixty Mile	SL	LL	19990731	GOOD		7	501712	7103577	NAD 27	A9925209
VR58701A	Sixty Mile	SL	LL	19990731	MOD		7	501612	7103577	NAD 27	A9925209
VR58702A	Sixty Mile	SL	LL	19990731	GOOD		7	501512	7103577	NAD 27	A9925209
VR58703A	Sixty Mile	SL	LL	19990801	MOD		7	502840	7103380	NAD 27	A9925209
VR58704A	Sixty Mile	SL	LL	19990801	MOD		7	502740	7103380	NAD 27	A9925209
VR58705A	Sixty Mile	SL	LL	19990801	MOD		7	502636	7103377	NAD 27	A9925209
VR58706A	Sixty Mile	SL	LL	19990801	MOD		7	502540	7103381	NAD 27	A9925209
VR58707A	Sixty Mile	SL	LL	19990801	GOOD		7	502442	7103380	NAD 27	A9925209
VR58708A	Sixty Mile	SL	LL	19990801	MOD		7	502340	7103380	NAD 27	A9925209
VR58709A	Sixty Mile	SL	LL	19990801	MOD		7	502353	7103278	NAD 27	A9925209
VR58710A	Sixty Mile	SL	LL	19990801	MOD		7	502340	7103174	NAD 27	A9925209
VR58711A	Sixty Mile	SL	LL	19990801	GOOD		7	502360	7103077	NAD 27	A9925209
VR58712A	Sixty Mile	SL	LL	19990801	MOD		7	502312	7103000	NAD 27	A9925209
VR58713A	Sixty Mile	SL	LL	19990801	GOOD		7	502210	7102977	NAD 27	A9925209
VR58714A	Sixty Mile	SL	LL	19990801	GOOD		7	502210	7102977	NAD 27	A9925209
VR58715A	Sixty Mile	SL	LL	19990801		Grey shale. (Sample quality not recorded).	7	502102	7103011	NAD 27	A9925209
VR58716A	Sixty Mile	SL	LL	19990801	POOR	Tan shale.	7	502038	7103096	NAD 27	A9925209
VR58717A	Sixty Mile	SL	LL	19990801	MOD		7	501960	7103130	NAD 27	A9925209
VR58718A	Sixty Mile	SL	LL	19990801	POOR		7	501859	7103115	NAD 27	A9925209
VR58719A	Sixty Mile	SL	LL	19990801	MOD		7	501783	7103181	NAD 27	A9925209
VR58720A	Sixty Mile	SL	LL	19990801	MOD		7	501705	7103237	NAD 27	A9925209
VR58721A	Sixty Mile	SL	LL	19990801	MOD	Phyllite.	7	501645	7103325	NAD 27	A9925209
VR58722A	Sixty Mile	SL	LL	19990801	MOD		7	501589	7103425	NAD 27	A9925209
VR58723A	Sixty Mile	SL	LL	19990801	POOR		7	501480	7103450	NAD 27	A9925209
VR58724A	Sixty Mile	SL	LL	19990802	POOR		7	501510	7100675	NAD 27	A9925209
VR58725A	Sixty Mile	SL	LL	19990802	MOD		7	501561	7100748	NAD 27	A9925209
VR58726A	Sixty Mile	SL	LL	19990802	MOD		7	501592	7100848	NAD 27	A9925209
VR58727A	Sixty Mile	SL	LL	19990802	POOR		7	501608	7100944	NAD 27	A9925209
VR58728A	Sixty Mile	SL	LL	19990802	MOD		7	501662	7101043	NAD 27	A9925209
VR58729A	Sixty Mile	SL	LL	19990802	MOD		7	501680	7101109	NAD 27	A9925209
VR58730A	Sixty Mile	SL	LL	19990802	GOOD		7	501722	7101191	NAD 27	A9925209

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR58690A		-1	18.6	0	0.26	1.42	-10	140	0.3	0.15	0.23	0.44	10.4	39	39.2	2.65	4.6	-0.1	0.01	0.06	10	0.65	380	1.2
VR58691A		3	9.4	0	0.32	1.78	-10	140	0.25	0.19	0.17	0.26	8.4	38	30.2	2.79	5.5	-0.1	0.03	0.06	10	0.59	320	1.2
VR58692A		4	26.4	0	0.18	1.66	-10	220	0.5	0.17	0.19	0.22	12.6	30	31	2.96	5	-0.1	0.03	0.05	10	0.47	390	1.4
VR58693A		5	26.4	0	0.18	1.7	-10	220	0.5	0.18	0.2	0.24	12	29	31.8	2.94	5.1	-0.1	0.03	0.05	10	0.47	455	1.4
VR58694A		8	23	0	0.18	1.31	-10	140	0.15	0.19	0.15	0.18	6.8	25	24.8	2.35	4.7	-0.1	0.03	0.05	-10	0.37	220	1.4
VR58695A		4	25.6	0	0.18	1.26	-10	120	0.3	0.15	0.17	0.22	7.2	24	26.6	2.39	4	-0.1	0.03	0.05	-10	0.4	240	1.2
VR58696A		10	62	0	0.14	1.03	-10	90	0.2	0.15	0.18	0.24	6.4	24	31	2.52	4	-0.1	0.01	0.04	-10	0.35	190	1.8
VR58697A		9	33.6	0	0.26	1.33	-10	90	0.2	0.16	0.09	0.22	5.2	20	25.6	2.15	4.8	-0.1	0.03	0.04	-10	0.26	175	1.4
VR58698A		20	34.4	0	0.16	1.58	-10	130	0.3	0.19	0.13	0.2	7.2	27	30.2	2.68	5	-0.1	0.04	0.05	-10	0.43	240	1.6
VR58699A		4	14.2	0	0.14	1.44	-10	120	0.2	0.17	0.09	0.12	5	21	21.6	2.04	4.7	-0.1	0.03	0.04	-10	0.32	125	1.2
VR58700A		4	11.4	0	0.12	1.5	-10	140	0.35	0.17	0.13	0.2	6.4	26	23.4	2.19	4.7	-0.1	0.03	0.04	-10	0.4	170	1
VR58701A		4	11	0	0.12	1.78	-10	160	0.35	0.16	0.13	0.18	7.6	27	24.4	2.52	5	-0.1	0.02	0.04	10	0.42	195	1.2
VR58702A		2	16.8	0	0.08	1.68	-10	150	0.4	0.16	0.15	0.22	8.8	36	24.4	2.57	4.9	-0.1	0.03	0.04	10	0.49	255	1
VR58703A		2	21	0	0.3	1.67	-10	220	0.5	0.26	0.16	0.6	10.2	37	56.9	3.56	5.6	-0.1	0.05	0.06	10	0.43	425	2.8
VR58704A		31	29.4	0	-0.02	1.47	-10	80	0.35	0.2	0.11	0.28	13	52	55.4	3.44	3.8	-0.1	0.03	0.04	10	0.46	685	1.8
VR58705A		5	44.8	0	0.44	1.92	-10	130	0.4	0.21	0.19	0.4	16.8	51	49.4	3.48	5.9	-0.1	0.04	0.06	10	0.83	735	1.8
VR58706A		9	31.8	0	0.24	1.9	-10	130	0.5	0.19	0.23	0.3	11.8	52	47	2.59	5.7	-0.1	0.03	0.05	10	0.84	235	1.4
VR58707A		-1	15.2	0	0.14	1.6	-10	150	0.25	0.15	0.21	0.16	10	37	31.2	2.57	4.6	-0.1	0.01	0.04	10	0.56	340	1
VR58708A		23	8.2	0	0.18	1.79	-10	130	0.4	0.18	0.16	0.16	8.2	39	28.8	2.66	5.4	-0.1	0.03	0.04	10	0.57	365	1.2
VR58709A		-1	24	0	0.06	1.69	-10	120	0.3	0.21	0.21	0.2	9.4	46	22.4	3.05	5.5	-0.1	0.01	0.05	10	0.61	450	1.4
VR58710A		-1	12.4	0	0.08	1.8	-10	110	0.45	0.15	0.21	0.2	8.8	36	20.6	2.75	5.2	-0.1	0.02	0.05	10	0.59	390	1
VR58711A		5	38.4	0	0.1	1.97	-10	270	0.45	0.24	0.27	0.14	17	83	42	3.31	7.7	0.1	0.04	0.06	-10	1.03	545	1.4
VR58712A		5	68.4	0	0.32	1.47	-10	170	0.35	0.16	0.28	0.52	17.4	54	49	3.62	4.4	-0.1	0.02	0.05	-10	0.79	780	2
VR58713A		6	79	0	0.46	1.76	-10	160	0.45	0.19	0.2	0.5	20.2	54	52.2	4.56	5.5	-0.1	0.06	0.05	-10	0.93	1020	2.2
VR58714A		10	67.6	0	0.42	1.79	-10	170	0.45	0.16	0.21	0.48	16.8	55	51.4	4.76	4.7	-0.1	0.04	0.05	10	0.9	955	2
VR58715A		13	154	0	0.78	0.43	-10	190	0.05	0.25	0.03	0.08	2	13	12.4	1.74	3.4	-0.1	0.08	0.06	-10	0.08	90	5
VR58716A		-1	44.8	0	0.16	2.87	-10	390	0.85	0.07	0.13	0.5	36.2	168	40.8	4.32	8.1	0.1	0.02	0.15	10	2.04	880	2
VR58717A		4	75.6	0	0.28	1.92	-10	170	0.55	0.13	0.32	0.34	18	70	35.4	4.16	5.3	-0.1	0.06	0.04	-10	0.94	770	1.6
VR58718A		5	113.5	0	0.24	1.51	-10	100	0.25	0.15	0.15	0.52	14	34	31	3.59	4.3	-0.1	0.03	0.05	-10	0.61	870	1.6
VR58719A		3	110.5	0	0.2	1.38	-10	80	0.35	0.28	0.05	0.54	15.4	49	61.6	4.55	7.1	-0.1	0.03	0.05	10	0.42	545	3.8
VR58720A		12	51.8	0	0.6	1.55	-10	70	0.4	0.22	0.1	1.78	16.8	24	69.5	3.44	4.7	-0.1	0.05	0.05	-10	0.34	1220	3.8
VR58721A		6	198	0	0.42	1.9	-10	160	0.6	0.27	0.19	1	31	127	68.8	4.49	5.2	-0.1	0.02	0.06	10	1.27	1730	2.2
VR58722A		2	131.5	0	0.12	2.03	-10	320	0.3	0.18	0.34	0.44	20	112	41.2	3.43	6.5	-0.1	0.02	0.09	-10	1.08	790	1.2
VR58723A		3	224	0	0.2	2.41	-10	320	0.55	0.45	0.21	0.84	25.2	120	64.1	4.26	8.3	-0.1	0.03	0.16	10	1.43	1150	1.2
VR58724A		5	19.2	0	1.6	1.4	-10	340	0.3	0.23	0.14	0.42	6.6	28	29.4	2.28	4.8	-0.1	0.13	0.04	-10	0.36	135	4.8
VR58725A		5	43.8	0	1.34	1.57	-10	580	0.4	0.18	0.28	0.7	12	29	35.4	3.24	4.6	-0.1	0.08	0.06	10	0.77	710	3.6
VR58726A		5	40.4	0	0.68	1.7	-10	300	0.3	0.25	0.16	0.38	9	34	29.2	2.68	5.5	-0.1	0.05	0.05	-10	0.51	195	2
VR58727A		4	28.8	0	0.82	2.07	-10	350	0.35	0.24	0.16	0.34	11.6	36	34.2	2.93	5.6	-0.1	0.06	0.04	10	0.53	230	2.4
VR58728A		4	57	0	1.28	1.37	-10	450	0.25	0.32	0.22	0.54	10.6	29	29.6	3.34	4.4	-0.1	0.11	0.06	10	0.4	910	4
VR58729A		2	46.4	0	0.44	1.74	-10	160	0.3	0.22	0.15	0.42	9.4	35	27.2	2.67	5.4	-0.1	0.06	0.05	-10	0.53	335	2.8
VR58730A		3	30.4	0	0.4	2.07	-10	210	0.3	0.21	0.15	0.24	9.8	36	32.6	2.66	6.1	-0.1	0.17	0.05	10	0.62	225	1.8

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR58690A	0.01	32	790	2	0.01	1.2	4	17	-0.05	0.06	0.1	1.4	49	0.25	80	F	
VR58691A	0.01	27	660	6	0.01	1.3	3	16	0.05	0.05	0.12	1.1	50	0.3	88	F	
VR58692A	0.01	19	720	10	-0.01	1	4	21	0.05	0.06	0.1	1.2	52	0.25	76	T	VR58693A
VR58693A	0.01	20	710	6	-0.01	1	4	22	-0.05	0.06	0.12	1.2	51	0.25	76	T	VR58692A
VR58694A	0.01	21	450	6	0.02	1.1	1	20	0.05	0.04	0.1	0.9	43	0.2	70	F	
VR58695A	0.01	18	640	6	0.01	0.9	2	16	0.05	0.05	0.1	0.95	40	0.2	68	F	
VR58696A	0.01	18	800	6	0.02	1.7	1	20	0.05	0.06	0.08	1.3	47	0.3	64	F	
VR58697A	0.01	12	740	4	0.04	1	-1	13	0.05	0.03	0.12	1.1	40	0.15	42	F	
VR58698A	0.01	20	630	6	0.01	1.1	2	15	0.05	0.05	0.1	1	48	0.25	62	F	
VR58699A	0.01	12	540	4	0.01	0.7	1	11	0.05	0.04	0.1	0.9	35	0.15	46	F	
VR58700A	0.01	16	550	8	0.01	0.6	2	15	-0.05	0.05	0.1	0.8	39	0.2	56	F	
VR58701A	0.01	16	540	8	0.01	0.6	3	14	-0.05	0.05	0.1	0.85	44	0.25	66	F	
VR58702A	0.01	31	520	10	-0.01	0.5	3	14	-0.05	0.05	0.08	0.8	46	0.2	74	F	
VR58703A	0.01	33	670	14	0.01	1	4	23	0.05	0.05	0.12	1.65	52	0.3	154	F	
VR58704A	-0.01	52	630	10	0.01	1.5	3	10	0.05	0.03	0.1	1	46	0.25	102	F	
VR58705A	0.01	49	870	10	0.04	0.9	3	21	0.05	0.04	0.08	1.35	54	0.25	98	F	
VR58706A	0.01	42	710	10	0.01	0.7	4	15	0.05	0.04	0.1	1.25	50	0.25	84	F	
VR58707A	0.01	22	670	6	-0.01	0.6	3	16	0.05	0.05	0.1	1	45	0.2	72	F	
VR58708A	0.01	22	670	12	0.01	0.6	3	13	0.05	0.05	0.1	0.9	50	0.2	70	F	
VR58709A	0.01	25	700	8	0.01	0.8	2	17	0.05	0.05	0.08	0.7	56	0.25	76	F	
VR58710A	0.01	24	780	8	0.01	0.5	3	15	0.05	0.05	0.08	0.65	49	0.2	68	F	
VR58711A	0.01	57	580	8	0.02	2	5	19	0.1	0.05	0.18	0.85	69	0.25	74	F	
VR58712A	0.01	52	710	6	0.04	2.5	6	18	0.05	0.03	0.1	1.1	61	0.2	138	F	
VR58713A	-0.01	54	670	32	0.03	5.6	9	18	0.05	0.03	0.22	1.6	83	0.2	128	T	VR58714A
VR58714A	0.01	57	770	26	0.04	4.9	10	17	0.05	0.03	0.18	1.45	83	0.2	138	T	VR58713A
VR58715A	-0.01	5	810	32	0.11	6.7	-1	22	0.2	0.02	0.16	0.55	32	0.65	24	F	
VR58716A	0.01	71	550	-2	0.07	1.9	13	13	0.05	0.04	0.18	1.25	110	0.3	106	F	
VR58717A	-0.01	34	650	6	0.04	1.6	9	16	0.05	0.01	0.12	0.75	79	0.2	98	F	
VR58718A	0.01	35	870	12	0.03	1.7	4	16	0.05	0.03	0.12	0.7	59	0.2	144	F	
VR58719A	-0.01	66	560	20	0.03	7.5	3	14	0.1	0.04	0.18	1.15	82	0.3	184	F	
VR58720A	0.01	50	700	20	0.04	1.9	2	14	0.05	0.05	0.14	2.3	53	0.4	224	F	
VR58721A	0.01	115	630	26	0.07	1.4	7	19	0.05	0.04	0.12	1.5	51	0.2	166	F	
VR58722A	0.01	112	640	8	0.03	1	5	24	0.05	0.08	0.14	1.15	70	0.25	132	F	
VR58723A	0.01	92	580	32	0.04	0.5	8	16	0.05	0.09	0.14	1.15	98	0.2	166	F	
VR58724A	0.01	20	810	32	0.04	2.5	2	22	0.05	0.04	0.4	1.65	51	0.4	96	F	
VR58725A	0.01	26	800	40	0.03	1.8	4	18	0.05	0.05	0.32	1.35	75	0.3	146	F	
VR58726A	0.01	24	740	30	0.03	1.7	2	15	0.05	0.05	0.26	1.35	50	0.3	102	F	
VR58727A	0.01	28	830	22	0.03	1.4	3	17	0.05	0.05	0.26	1.55	57	0.25	88	F	
VR58728A	0.01	28	880	34	0.06	2.1	1	26	0.1	0.04	0.28	1.25	44	0.4	102	F	
VR58729A	0.01	22	670	18	0.03	1.2	2	16	0.05	0.05	0.22	1.2	51	0.3	80	F	
VR58730A	0.01	23	700	10	0.03	0.9	3	15	0.05	0.05	0.24	1.4	55	0.25	76	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR58731A	Sixty Mile	SL	LL	19990802	GOOD	Frost boil.	7	501734	7101305	NAD 27	A9925209
VR58732A	Sixty Mile	SL	LL	19990802	GOOD		7	501794	7101404	NAD 27	A9925209
VR58733A	Sixty Mile	SL	LL	19990802	MOD	Some graphitic phyllite.	7	501824	7101483	NAD 27	A9925209
VR58734A	Sixty Mile	SL	LL	19990802	GOOD		7	501858	7101572	NAD 27	A9925209
VR58735A	Sixty Mile	SL	LL	19990802	MOD		7	501876	7101684	NAD 27	A9925209
VR58736A	Sixty Mile	SL	LL	19990802	POOR		7	501876	7101813	NAD 27	A9925209
VR58737A	Sixty Mile	SL	LL	19990802	GOOD		7	501862	7101904	NAD 27	A9925209
VR58738A	Sixty Mile	SL	LL	19990802	POOR		7	501831	7101977	NAD 27	A9925209
VR58739A	Sixty Mile	SL	LL	19990802	MOD	10m SE of road.	7	501768	7102032	NAD 27	A9925209
VR58740A	Sixty Mile	SL	LL	19990811	POOR	mica + organics; frozen	7	508132	7096880	NAD 27	A9926073
VR58741A	Sixty Mile	SL	LL	19990811	MOD	Frozen bottom	7	508306	7096829	NAD 27	A9926073
VR58742A	Sixty Mile	SL	LL	19990811	GOOD		7	508443	7096713	NAD 27	A9926073
VR58743A	Sixty Mile	SL	LL	19990811	MOD	with OR chips	7	508619	7096589	NAD 27	A9926073
VR58744A	Sixty Mile	SL	LL	19990811	POOR	frozen ground	7	508820	7096556	NAD 27	A9926073
VR58745A	Sixty Mile	SL	LL	19990811	POOR	sampled quartz pebbles + sand (white water channel gravels?)	7	508960	7096407	NAD 27	A9926073
VR58746A	Sixty Mile	SL	LL	19990811	POOR	frozen ground, some ash, some rock chips (AND?)	7	509174	7096461	NAD 27	A9926073
VR58747A	Sixty Mile	SL	LL	19990811	POOR	frozen ground; black muck mixed with AND chips	7	509376	7096386	NAD 27	A9926073
VR58748A	Sixty Mile	SL	LL	19990812	POOR	north side of road, qpc talus on the road. Micaceous flakes in sample	7	509699	7095835	NAD 27	A9926073
VR60002A	Sixty Mile	SL	AD/JH	19980912		good sample	7	507390	7096801	NAD 27	A9831725
VR60003A	Sixty Mile	SL	AD/JH	19980912		Muddy CLA rich samples; MIC CLA rich soil; fair sample.	7	507483	7096754	NAD 27	A9831725
VR60004A	Sixty Mile	SL	AD/JH	19980912		good sample	7	507587	7096645	NAD 27	A9831725
VR60027A	Sixty Mile	SL	LL	19990604	MOD	MODERATE QUALITY SAMPLE TAKEN FROM FROZEN GROUND.	7	507981	7098187	NAD 27	A9919803
VR60028A	Sixty Mile	SL	LL	19990604	POOR	POOR QUALITY B HORIZON SAMPLE TAKEN FROM FROZEN GROUND. ICE AND ORGANICS ARE PRESENT WITHIN THE SAMPLE.	7	508102	7098149	NAD 27	A9919803
VR60029A	Sixty Mile	SL	LL	19990604	POOR	POOR QUALITY SAMPLE FROM THE B HORIZON.	7	508195	7098126	NAD 27	A9919803
VR60030A	Sixty Mile	SL	LL	19990604	POOR	POOR QUALITY SAMPLE TAKEN FROM FROZEN GROUND.	7	508241	7098180	NAD 27	A9919803
VR60041A	Sixty Mile	SL	LL	19990604	GOOD	GOOD QUALITY SAMPLE.	7	509231	7097858	NAD 27	A9919803
VR60044A	Sixty Mile	SL	LL	19990610	GOOD	GOOD QUALITY SAMPLE TAKEN NEXT TO THE OUTCROP AT STATION FA36.	7	506785	7098016	NAD 27	A9920323
VR60045A	Sixty Mile	SL	LL	19990610	GOOD	GOOD QUALITY SAMPLE. QTZ HOST. SAMPLE TAKEN OVERTOP OF O/C NEAR STATION FA-37.	7	506905	7097937	NAD 27	A9920323
VR60046A	Sixty Mile	SL	LL	19990610	GOOD	GOOD QUALITY SAMPLE TAKEN NEXT TO A ROCK OUTCROP AND ROCK SAMPLE VR60254.	7	506954	7097811	NAD 27	A9920323
VR60047A	Sixty Mile	SL	LL	19990610	GOOD	GOOD QUALITY SAMPLE. THE BOTTOM OF THE SAMPLE HOLE IS IN FROZEN GROUND.	7	507034	7097779	NAD 27	A9920323
VR60048A	Sixty Mile	SL	LL	19990610	GOOD	SAMPLE TAKEN 150 METERS FROM SAMPLE VR60047. GOOD QUALITY SAMPLE.	7	507211	7097722	NAD 27	A9920323

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR58731A		10	73.6	0	0.46	2	-10	210	0.4	0.22	0.18	0.46	12.4	57	47.4	3.16	5.8	0.1	0.04	0.06	10	0.78	410	1.6
VR58732A		3	31.2	0	0.68	1.75	-10	200	0.2	0.27	0.25	0.3	8.2	49	31	2.82	4.7	-0.1	0.04	0.07	-10	0.87	220	1.8
VR58733A		5	59.2	0	0.54	1.69	-10	190	0.4	0.23	0.27	0.34	9.4	29	30.4	2.96	5.2	-0.1	0.05	0.05	-10	0.48	375	2
VR58734A		3	22.2	0	0.36	1.64	-10	190	0.35	0.17	0.28	0.24	8.8	37	27.6	2.75	5.1	-0.1	0.01	0.07	10	0.63	205	1.4
VR58735A		-1	52.2	0	0.34	1.62	-10	200	0.25	0.2	0.31	0.42	14	34	32.8	3.09	5.4	-0.1	0.02	0.06	10	0.57	680	1.8
VR58736A		4	17.2	0	0.3	1.01	-10	90	0.15	0.14	0.09	0.24	5.2	21	24.6	2.05	3.4	-0.1	0.02	0.04	-10	0.25	210	1.2
VR58737A		8	17.4	0	0.26	1.5	-10	150	0.3	0.2	0.19	0.42	8.4	29	29.8	2.8	4.7	-0.1	0.03	0.05	10	0.43	390	1.8
VR58738A		8	20.8	0	0.34	1.4	-10	130	0.3	0.16	0.13	0.28	6.8	26	23.8	2.13	4.4	-0.1	0.05	0.04	-10	0.37	225	1.4
VR58739A		9	44.8	0	0.38	1.71	-10	130	0.25	0.18	0.14	0.3	8.2	30	28.8	2.57	5.2	-0.1	0.06	0.05	-10	0.43	285	1.6
VR58740A		4	18.2	0	0.56	2.12	-10	870	0.45	0.08	0.99	0.1	33	243	190.5	5.06	4.6	-0.1	0.11	0.11	-10	1.72	370	0.6
VR58741A		3	42.2	0	0.44	1.24	-10	330	0.45	0.28	0.47	0.14	11.4	25	31.4	3.8	3.9	-0.1	0.23	0.12	-10	0.41	850	1.2
VR58742A		-1	8.6	0	0.08	1.97	-10	2170	1	0.08	0.64	0.08	15	23	13.2	5.89	4.4	-0.1	0.23	0.06	10	0.4	870	1.6
VR58743A		2	5.2	0	0.12	1.15	-10	320	0.7	0.16	0.6	0.12	6	21	19.4	2.3	3	-0.1	0.13	0.08	10	0.35	170	0.6
VR58744A		-1	3.6	0	0.08	1.89	-10	300	0.55	0.07	0.83	0.1	10.2	21	11.6	4.19	6	-0.1	0.06	0.04	10	0.89	465	0.8
VR58745A		2	5.4	0	0.06	0.92	10	380	0.75	0.17	0.8	0.14	9	12	11.6	2.64	2.4	-0.1	0.11	0.1	-10	0.33	575	1
VR58746A		9	6.4	0	0.14	1.66	-10	350	0.5	0.11	0.9	0.16	8.4	26	16.8	3.08	4.1	-0.1	0.15	0.06	10	0.51	775	1
VR58747A		3	3.2	0	0.1	1.9	10	270	0.45	0.09	1.08	0.12	8.2	22	13	2.43	5.7	-0.1	0.06	0.04	10	0.91	460	0.8
VR58748A		14	23.2	0	1.02	1.57	-10	420	0.65	1.17	0.29	0.9	8.2	35	43.8	4.08	4.4	-0.1	0.11	0.22	30	0.48	1080	1.6
VR60002A		-5	18	0	-0.2	1.39	0	320	-0.5	-2	0.46	-0.5	9	24	17	2.13	-10	0	-1	0.05	10	0.44	340	-1
VR60003A		-5	22	0	-0.2	1.62	0	340	-0.5	-2	0.48	-0.5	10	27	17	2.44	-10	0	-1	0.05	10	0.5	590	-1
VR60004A		10	20	0	-0.2	1.65	0	310	-0.5	-2	0.46	-0.5	10	29	19	2.53	-10	0	-1	0.06	10	0.5	460	-1
VR60027A		9	23.4	0	0.22	1.54	-10	520	0.55	0.26	0.43	0.12	10.4	22	23.8	3.07	4.4	-0.1	0.01	0.09	30	0.34	420	0.8
VR60028A		10	93.6	0	0.44	1.88	-10	370	0.85	0.22	1.03	0.14	8.2	23	30.2	3.53	5	-0.1	0.1	0.09	10	0.3	355	1
VR60029A		13	142.5	0	0.16	1.71	-10	400	0.65	0.25	0.56	0.12	10	25	32.8	3.07	4.5	-0.1	0.07	0.09	10	0.3	580	1.4
VR60030A		-1	23.2	0	0.06	1.85	-10	390	0.4	0.18	0.51	0.14	10.4	29	21.6	3.17	5.6	-0.1	0.01	0.07	10	0.39	490	1.2
VR60041A		-1	5.2	0	-0.02	3.73	-10	430	0.8	0.13	0.72	0.12	17.2	20	13.4	4.41	11.9	-0.1	-0.01	0.04	-10	1.71	810	1.6
VR60044A		34	232	0	0.68	1.27	-10	180	0.4	0.33	0.18	0.82	16.4	25	135	6.78	3.1	0.1	0.05	0.04	10	0.29	680	6.8
VR60045A		16	90.4	0	0.1	1.53	-10	190	0.25	0.19	0.17	0.12	8.4	30	19	3.03	4.1	-0.1	0.02	0.04	10	0.34	330	1.4
VR60046A		8	53.8	0	0.16	1.5	-10	220	0.25	0.16	0.22	0.14	8.2	29	17.8	2.65	3.8	-0.1	0.04	0.05	10	0.38	310	1
VR60047A		7	41.8	0	0.24	1.52	-10	240	0.25	0.17	0.21	0.22	5.6	28	17.4	2.44	4	-0.1	0.05	0.04	10	0.36	175	1
VR60048A		12	64.8	0	0.18	1.66	-10	380	0.5	0.18	0.35	0.16	9	34	30.4	2.71	4.1	-0.1	0.06	0.05	10	0.44	340	1

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR58731A	0.01	34	840	16	0.03	1	5	19	0.1	0.05	0.18	1.7	58	0.3	94	F	
VR58732A	0.01	29	730	20	0.03	0.8	4	19	0.05	0.06	0.16	0.9	57	0.2	98	F	
VR58733A	0.01	19	830	16	0.04	1.5	1	19	0.05	0.04	0.16	1.3	48	0.3	74	F	
VR58734A	0.01	22	800	10	0.02	0.9	3	21	-0.05	0.07	0.12	0.95	47	0.25	82	F	
VR58735A	0.01	28	820	10	0.03	0.9	3	21	0.05	0.05	0.14	1.1	52	0.3	94	F	
VR58736A	0.01	16	650	2	0.05	0.7	1	13	-0.05	0.03	0.1	0.95	34	0.25	62	F	
VR58737A	0.01	23	820	6	0.02	1.3	3	18	0.05	0.05	0.12	1.35	48	0.25	88	F	
VR58738A	0.01	16	540	8	0.01	1.5	2	14	0.05	0.05	0.12	0.95	41	0.2	64	F	
VR58739A	0.01	18	590	12	0.02	1.2	1	15	0.05	0.04	0.1	1.15	46	0.25	60	F	
VR58740A	0.01	115	810	12	0.06	2.4	21	73	-0.05	0.07	0.28	0.65	113	0.3	74	F	
VR58741A	0.03	11	410	24	0.09	6.5	8	52	-0.05	0.01	0.92	0.55	67	0.4	90	F	
VR58742A	0.02	12	1000	2	0.03	0.2	18	67	-0.05	0.02	0.2	0.55	121	0.2	72	F	
VR58743A	0.01	10	530	8	0.01	0.3	8	46	-0.05	0.03	0.12	1.05	69	0.25	60	F	
VR58744A	0.02	9	1070	-2	0.02	0.1	11	60	-0.05	0.05	0.1	0.6	125	0.25	72	F	
VR58745A	0.01	8	710	14	0.03	0.2	7	64	-0.05	0.01	0.12	0.6	59	0.3	62	F	
VR58746A	0.02	13	790	18	0.03	0.3	10	60	-0.05	0.04	0.1	0.7	75	0.45	80	F	
VR58747A	0.02	12	620	-2	0.03	0.2	7	66	-0.05	0.04	0.06	0.6	64	0.15	60	F	
VR58748A	0.01	24	360	130	0.07	1	5	29	0.05	0.08	0.18	1.2	46	0.2	460	F	
VR60002A	-0.01	16	450	10	0	-2	4	32	0	0.05	-10	-10	38	-10	54	F	
VR60003A	-0.01	19	470	12	0	-2	4	32	0	0.06	-10	-10	47	-10	64	F	
VR60004A	-0.01	19	480	10	0	-2	4	31	0	0.07	-10	-10	48	-10	62	F	
VR60027A	0.01	21	220	14	0.01	0.8	4	30	-0.05	0.02	0.1	1.7	37	0.2	54	F	
VR60028A	0.01	16	530	10	0.05	1.1	9	41	-0.05	0.02	0.1	3.1	36	0.2	64	F	
VR60029A	0.01	16	440	12	0.02	1.1	7	43	-0.05	0.02	0.08	2.1	36	0.15	48	F	
VR60030A	0.01	18	260	10	0.01	1	4	33	-0.05	0.04	0.08	0.65	52	0.1	64	F	
VR60041A	0.03	11	750	-2	0.01	0.2	12	64	-0.05	0.05	0.06	0.4	102	0.05	62	F	
VR60044A	0.01	79	1300	20	0.01	6	4	19	0.1	0.04	0.14	3.95	43	2.1	302	F	
VR60045A	-0.01	19	360	16	-0.01	1.6	3	21	0.05	0.06	0.06	0.85	49	0.4	70	F	
VR60046A	0.01	16	520	16	0.01	1.2	3	23	-0.05	0.05	0.06	1	47	0.45	64	F	
VR60047A	-0.01	15	550	14	0.02	0.8	3	25	-0.05	0.04	0.06	0.95	43	0.25	58	F	
VR60048A	0.01	24	480	16	0.01	0.8	5	30	-0.05	0.06	0.06	1.75	47	0.3	80	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR60049A	Sixty Mile	SL	LL	19990610	MOD	MODERATE - POOR QUALITY SAMPLE CONSISTING OF LOTS OF PEBBLES.	7	507218	7097680	NAD 27	A9920323
VR60050A	Sixty Mile	SL	LL	19990610	GOOD	GOOD QUALITY SAMPLE. MAY POSSIBLY BE CONTAMINATED BY GRAVEL (MIX OF TWO DIFFERENT LOCATIONS).	7	507382	7097631	NAD 27	A9920323
VR60052A	Sixty Mile	SL	CL/RH	19980910			7	500336	7099194	NAD 27	A9831725
VR60053A	Sixty Mile	SL	CL/RH	19980910		good sample	7	500322	7099323	NAD 27	A9831725
VR60054A	Sixty Mile	SL	CL/RH	19980910		poor sample; loess and ash contamination	7	500302	7099533	NAD 27	A9831725
VR82601A	Sixty Mile	SL	FA	19990620	MOD	MODERATE QUALITY SAMPLE. SAMPLE MAY BE CONTAMINATED BY ASH. COLLUVIUM HAS DECOMPOSED TO SOIL. TAN SCHIST.	7	505080	7099035	NAD 27	A9921625
VR82602A	Sixty Mile	SL	FA	19990620	POOR	COLLUVIUM. C HORIZON SAMPLE (NO SOIL). POOR SAMPLE QUALITY.	7	504907	7099163	NAD 27	A9921625
VR82603A	Sixty Mile	SL	FA	19990620	MOD	MODERATE QUALITY SAMPLE. THE GROUND IN THE AREA OF THE SAMPLE LOCATION IS FROZEN. SAMPLE TAKEN FROM C HORIZON BENEATH TALUS.	7	504717	7099225	NAD 27	A9921625
VR82604A	Sixty Mile	SL	FA	19990620	GOOD	SAMPLE MAY BE A MIX OF THE B AND C HORIZONS. GOOD SAMPLE QUALIT. QZT SCHIST BEDROCK	7	504503	7099238	NAD 27	A9921625
VR82605A	Sixty Mile	SL	FA	19990620	MOD	MODERATE QUALITY SAMPLE. QUARTZITE TALUS IN SAMPLE AREA. MIX OF B AND C HORIZONS.	7	504338	7099264	NAD 27	A9921625
VR82606A	Sixty Mile	SL	FA	19990620	MOD	MODERATE QUALITY SAMPLE. POOR SOIL DEVELOPMENT. QUARTZITE OUTCROP IN AREA.	7	504154	7099319	NAD 27	A9921625
VR82607A	Sixty Mile	SL	FA	19990620	MOD	MODERATE QUALITY SAMPLE TAKEN NEAR STATION FA - 73.	7	503962	7099241	NAD 27	A9921625
VR82608A	Sixty Mile	SL	FA	19990620	POOR	POOR SAMPLE QUALITY, NO SOIL. QUARTZITE BEDROCK.	7	503733	7099223	NAD 27	A9921625
VR82609A	Sixty Mile	SL	FA	19990620	MOD	BOG SAMPLE. GOOD GREY ORGANIC CLAY RICH B SOIL. QUARTZITE BEDROCK.	7	503540	7099241	NAD 27	A9921625
VR82610A	Sixty Mile	SL	FA	19990622	MOD	SAMPLE TAKEN BESIDE ROAD ACROSS FROM DITCH. SAMPLE TAKEN FROM GOOD SOIL. HB - FL ANDESITE BEDROCK. TAKEN NEAR ROCK SAMPLE 80170.	7	512330	7099066	NAD 27	A9921625
VR82611A	Sixty Mile	SL	FA	19990622	GOOD	SAMPLE TAKEN AT THE EDGE OF A CAT CLEARING NEAR ROCK SAMPLE VR41171. STATION RZ - 27.	7	512214	7098791	NAD 27	A9921625
VR82612A	Sixty Mile	SL	FA	19990622	MOD	MODERATE SAMPLE QUALITY. TAKEN ALONG ROAD.	7	512436	7098787	NAD 27	A9921625
VR82613A	Sixty Mile	SL	FA	19990622	GOOD	GOOD QUALITY SAMPLE TAKEN ON THE NORTH SIDE OF THE ROAD.	7	512407	7098573	NAD 27	A9921625
VR82614A	Sixty Mile	SL	FA	19990622	GOOD	GOOD QUALITY SAMPLE TAKEN FROM THE NORTH SIDE OF THE ROAD. BROWN WEATHERING ANDESITE. DUPLICATE SAMPLE.	7	512356	7098359	NAD 27	A9921625
VR82615A	Sixty Mile	SL	FA	19990622	GOOD	GOOD QUALITY SAMPLE. DUPLICATE SAMPLE.	7	512237	7098194	NAD 27	A9921625
VR82616A	Sixty Mile	SL	FA	19990622	GOOD	GOOD SAMPLE QUALITY. SAMPLE TAKEN FROM THE NORTH SIDE OF THE ROAD. ANDESITE IS WEATHERING TO A PURPLE COLOR.	7	512201	7097977	NAD 27	A9921625

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR60049A		19	96.4	0	0.2	1.26	-10	250	0.45	0.19	0.39	0.12	5.8	29	16	2.21	3.7	-0.1	0.02	0.09	20	0.44	235	0.6
VR60050A		10	61.8	0	0.14	1.34	-10	260	0.4	0.13	0.35	0.14	6.4	28	19.6	2.45	4	-0.1	0.03	0.11	30	0.53	205	0.8
VR60052A		30	38	0	1.4	2.69	0	690	0.5	-2	0.47	2	20	77	98	4.3	10	0	-1	0.66	40	2.05	935	14
VR60053A		-5	60	0	1	1.65	0	710	-0.5	-2	0.17	-0.5	10	59	76	4.09	-10	0	-1	0.42	30	0.69	355	7
VR60054A		-5	16	0	0.2	1.75	0	160	-0.5	-2	0.19	-0.5	9	31	48	2.84	-10	0	-1	0.11	10	0.51	345	1
VR82601A		4	50.8	0	0.76	1.71	-10	120	0.25	0.22	0.06	0.2	8.6	30	32.4	2.77	5.7	-0.1	0.07	0.04	-10	0.35	250	1.6
VR82602A		4	87	0	0.6	1.65	-10	220	0.55	0.25	0.23	0.28	32.2	110	68.7	5.36	4.9	0.1	0.03	0.08	10	0.94	2460	2.4
VR82603A		7	63	0	0.7	1.11	-10	80	0.2	0.26	0.09	0.16	12.2	27	21.2	2.86	4.9	-0.1	0.05	0.04	-10	0.31	555	2
VR82604A		6	87.2	0	1.14	0.82	-10	80	0.15	0.24	0.08	0.28	10.8	20	25.6	2.77	3.9	-0.1	0.05	0.04	-10	0.21	645	2.6
VR82605A		6	78.2	0	0.36	1.95	-10	190	0.4	0.27	0.15	0.28	21.8	66	71.5	4.05	6.4	-0.1	0.03	0.08	10	0.98	1260	2
VR82606A		6	62.2	0	0.46	1.8	-10	240	0.45	0.21	0.48	0.16	23.4	78	67.1	3.71	5.8	0.1	0.05	0.1	10	1.1	1105	1.4
VR82607A		15	37.4	0	0.88	1.53	-10	160	0.5	0.17	0.08	0.16	12.4	37	41.6	2.64	4.8	-0.1	0.07	0.06	10	0.54	525	1.4
VR82608A		93	284	0	1.5	2.25	-10	280	0.7	0.34	0.63	2.06	31.6	70	71.9	5.23	6.9	0.1	0.06	0.05	10	1.34	1055	4.2
VR82609A		4	16	0	1.06	1.72	-10	220	0.45	0.29	0.51	0.54	12.2	27	42	2.82	4.7	-0.1	0.04	0.06	20	0.66	255	1.4
VR82610A		3	5.4	0	0.18	1.8	-10	230	0.4	0.15	0.37	0.12	7.2	25	18.2	2.01	5.6	-0.1	0.04	0.04	10	0.43	220	0.6
VR82611A		-1	5	0	0.16	1.5	-10	200	0.35	0.14	0.36	0.12	5.6	24	15.2	1.82	4.8	-0.1	0.05	0.03	-10	0.4	185	0.6
VR82612A		2	7.4	0	0.2	1.69	-10	400	0.8	0.18	0.59	0.16	9.4	28	33	2.49	5	-0.1	0.07	0.04	10	0.39	470	0.6
VR82613A		6	6.6	0	0.12	1.6	-10	350	0.9	0.15	0.55	0.12	9.2	25	20.4	2.49	5.3	-0.1	0.06	0.03	10	0.38	555	1.2
VR82614A		92	6.6	0	0.18	1.87	-10	380	1	0.13	0.65	0.12	9	39	29.8	2.57	6.1	-0.1	0.07	0.04	10	0.57	270	1.2
VR82615A		24	6.8	0	0.3	1.33	-10	630	1.75	0.09	0.99	0.64	8	21	23	2.64	3.9	-0.1	0.17	0.06	20	0.3	505	1.8
VR82616A		2	8.4	0	0.14	2	-10	510	1.15	0.14	0.65	0.1	8.6	29	18.2	2.65	6.1	-0.1	0.05	0.07	20	0.48	515	1.2

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR60049A	0.01	15	340	14	0.01	0.4	4	30	-0.05	0.04	0.08	1.55	33	0.55	58	F	
VR60050A	0.01	17	430	16	0.01	0.5	4	29	-0.05	0.06	0.1	1.75	33	0.25	68	F	
VR60052A	0.02	81	1230	22	0	-2	8	25	0	0.08	-10	-10	132	-10	244	F	
VR60053A	-0.01	28	900	16	0	-2	8	28	0	0.06	-10	-10	82	-10	154	F	
VR60054A	-0.01	22	760	10	0	-2	4	18	0	0.07	-10	-10	54	-10	72	F	
VR82601A	0.01	22	610	8	0.04	0.5	3	10	-0.05	0.03	0.24	1.05	50	0.2	52	F	
VR82602A	-0.01	144	740	14	0.02	1.2	9	14	0.05	0.02	0.26	1.45	71	0.2	114	F	
VR82603A	0.01	21	630	12	0.03	0.4	1	9	0.05	0.04	0.18	0.9	48	0.2	48	F	
VR82604A	0.01	22	610	12	0.03	0.7	1	11	0.05	0.02	0.14	0.85	40	0.3	52	F	
VR82605A	0.01	53	560	8	0.01	4.9	6	11	0.05	0.04	0.14	1.2	64	0.25	80	F	
VR82606A	0.01	76	550	4	0.03	1.5	6	17	0.05	0.03	0.16	1.25	51	0.3	72	F	
VR82607A	0.01	31	670	6	0.09	2.8	3	11	0.05	0.03	0.16	1.5	39	0.2	38	F	
VR82608A	0.01	79	1170	72	0.06	1.3	9	30	0.3	0.04	0.2	2.35	73	0.35	192	F	
VR82609A	-0.01	30	650	18	0.05	1.4	4	19	0.05	0.03	0.2	2.05	42	0.15	116	F	
VR82610A	0.01	10	500	4	0.01	0.7	4	29	-0.05	0.06	0.08	0.85	42	0.25	36	F	
VR82611A	0.01	10	550	6	0.01	0.7	3	29	-0.05	0.05	0.06	0.8	38	0.2	36	F	
VR82612A	0.01	16	610	8	0.01	0.9	6	47	-0.05	0.06	0.08	1.9	50	0.35	46	F	
VR82613A	0.01	11	590	10	0.01	0.6	5	36	-0.05	0.04	0.12	1.3	48	0.4	32	F	
VR82614A	0.01	16	590	6	0.01	0.7	7	41	-0.05	0.05	0.06	1.75	55	0.35	42	T	VR83387A
VR82615A	0.01	11	690	28	0.03	0.7	6	57	-0.05	0.02	0.1	1.7	47	0.6	76	T	VR83394A
VR82616A	0.01	12	280	8	0.01	0.5	6	52	-0.05	0.05	0.06	1.2	53	0.25	38	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR82617A	Sixty Mile	SL	FA	19990622	MOD	SAMPLE IS MARKED AS HAVING BEEN TAKEN FROM BOTH THE A AND B HORIZONS (A/B MIX). SAMPLE WAS TAKEN FROM THE NORTH SIDE OF THE ROAD.	7	512081	7097776	NAD 27	A9921625
VR82618A	Sixty Mile	SL	FA	19990622	GOOD	GOOD QUALITY SAMPLE TAKEN ON THE NORTH SIDE OF THE ROAD NEAR GREY ANDESITE.	7	512012	7097584	NAD 27	A9921625
VR82619A	Sixty Mile	SL	FA	19990622	GOOD	SAMPLE IS OF GOOD QUALITY AND WAS TAKEN FROM THE BANK ON THE NORTH SIDE OF THE ROAD JUST WEST OF JUNCTION BETWEEN MILLER CREEK AND SIXTY MILE ACCESS. TAKEN NEAR BLACK FRESH ANDESITE.	7	511781	7097502	NAD 27	A9921625
VR82620A	Sixty Mile	SL	FA	19990622	GOOD	GOOD QUALITY SAMPLE TAKEN FROM NORTH SIDE OF ROAD NEAR STATION RZ - 13. ANDESITE CHIPS IN SAMPLE.	7	511580	7097418	NAD 27	A9921625
VR82621A	Sixty Mile	SL	FA	19990622	MOD	MODERATE QUALITY SAMPLE TAKEN FROM THE NORTH SIDE OF THE ROAD.	7	511432	7097317	NAD 27	A9921625
VR82622A	Sixty Mile	SL	FA	19990622	MOD	SAMPLE TAKEN FROM THE NORTH SIDE OF ROAD. MODERATE QUALITY SAMPLE WHICH IS A MIX OF A AND B HORIZONS. ?	7	511252	7097206	NAD 27	A9921625
VR82623A	Sixty Mile	SL	FA	19990622	POOR	POOR QUALITY SAMPLE. SAMPLE WAS TAKEN FROM THE NORTH SIDE OF THE ROAD AND CONTAINS ANDESITE FLAKES. MAY BE MATERIAL PUSHED DOWN FROM ABOVE?	7	511055	7097069	NAD 27	A9921625
VR82624A	Sixty Mile	SL	FA	19990622	GOOD	GOOD QUALITY SAMPLE TAKEN FROM THE NORTH SIDE OF THE ROAD.	7	510887	7096960	NAD 27	A9921625
VR82625A	Sixty Mile	SL	FA	19990622	POOR	POOR QUALITY SAMPLE. SAMPLE WAS DUG OUT FROM THE SIDE OF A BANK AND CONTAINS LOTS OF ROCK CHIPS. NO REAL B HORIZON IS PRESENT.	7	510716	7096894	NAD 27	A9921625
VR82626A	Sixty Mile	SL	FA	19990622	GOOD	GOOD QUALITY SAMPLE TAKEN FROM THE NORTH SIDE OF THE ROAD. TAKEN FROM THE BANK OF THE ROAD. NEAR FRESH PURPLE/GREY ANDESITE.	7	510521	7096842	NAD 27	A9921625
VR82627A	Sixty Mile	SL	FA	19990622		SAMPLE TAKEN AT THE EDGE OF A GRAVEL BENCH. MICA SCHIST IN SAMPLE.	7	510341	7096852	NAD 27	A9921625
VR82628A	Sixty Mile	SL	FA	19990623	MOD	MODERATE QUALITY SAMPLE TAKEN NEAR PHYLLITE BEDROCK.	7	503396	7099291	NAD 27	A9921625
VR82629A	Sixty Mile	SL	FA	19990623	GOOD	GOOD SAMPLE QUALITY TAKEN NEAR BLACK QZT BEDROCK.	7	503258	7099436	NAD 27	A9921625
VR82630A	Sixty Mile	SL	FA	19990623	MOD	MODERATE SAMPLE QUALITY. BLOCKY QUARTZITE TALUS AND FELSIC SCHISTS.	7	502985	7099479	NAD 27	A9921625
VR82631A	Sixty Mile	SL	FA	19990623	MOD	SAMPLE TAKEN AT MILLER CREEK HEADWATERS. SAMPLE IS A MIX OF A AND B. SAMPLE HOLE IS FROZEN AT 35 cm.	7	502750	7099485	NAD 27	A9921625
VR82632A	Sixty Mile	SL	FA	19990623	GOOD	SAMPLE IS A MIX OF A AND B HORIZONS.	7	502565	7099417	NAD 27	A9921625

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR82617A		2	5	0	0.16	1.66	-10	360	0.9	0.1	1.13	0.1	9.8	50	19	2.6	5.8	-0.1	0.06	0.04	10	0.63	350	0.8
VR82618A		3	5	0	0.24	1.58	-10	470	0.75	0.11	1.07	0.28	9.2	31	16	2.84	4.8	-0.1	0.05	0.08	10	0.44	560	0.8
VR82619A		-1	4.6	0	0.28	1.21	-10	420	1.6	0.06	0.71	0.64	7.8	17	11.4	2.83	3.6	-0.1	0.05	0.1	30	0.32	960	3.4
VR82620A		2	9.8	0	0.12	2.07	-10	340	0.75	0.16	0.64	0.1	9.8	29	20.8	2.72	6.3	-0.1	0.06	0.05	10	0.62	430	0.6
VR82621A		3	4.8	0	0.12	1.51	-10	320	0.5	0.11	1.17	0.12	7	23	21.6	1.99	4.2	-0.1	0.04	0.04	10	0.54	320	0.4
VR82622A		6	4	0	0.2	1.43	-10	610	0.75	0.11	1.02	0.48	7.2	24	23.8	1.9	3.9	-0.1	0.1	0.04	10	0.44	335	0.6
VR82623A		-1	8	0	0.2	1.53	-10	570	0.95	0.15	0.78	0.36	8.6	30	18	2.75	4.4	-0.1	0.09	0.06	10	0.36	655	1.4
VR82624A		4	5	0	0.18	1.89	-10	540	0.75	0.16	0.76	0.34	6.8	21	18.8	2.55	4.8	-0.1	0.06	0.06	10	0.33	385	0.8
VR82625A		6	6.2	0	0.34	1.54	-10	580	1	0.14	1.03	0.56	9	24	20.6	2.57	3.9	-0.1	0.14	0.08	20	0.34	505	1
VR82626A		2	6.6	0	0.7	1.05	-10	670	1.15	0.09	0.51	1.18	7.4	15	13.4	2.53	2.4	-0.1	0.15	0.11	10	0.15	1960	1.2
VR82627A		8	4	0	0.26	1.46	-10	310	0.6	0.3	0.55	0.9	22.8	32	38.6	5.42	4.9	0.1	0.06	0.32	10	0.44	1045	0.6
VR82628A		5	15	0	2.08	1.55	-10	320	0.45	0.27	0.44	0.48	10.8	22	25	3.02	3.7	-0.1	0.06	0.07	10	0.44	295	1.2
VR82629A		5	17.6	0	0.18	2.37	-10	140	0.35	0.2	0.12	0.3	8	29	15.4	3.09	6.1	-0.1	0.03	0.04	-10	0.4	320	1
VR82630A		4	12.6	0	0.46	1.96	-10	190	0.4	0.19	0.22	0.3	14	23	24.6	3.45	5.6	-0.1	0.05	0.06	-10	0.6	750	1.4
VR82631A		6	5.6	0	2.04	1.63	-10	260	0.3	0.13	0.98	0.14	8.4	17	16.2	2.21	4.3	-0.1	0.05	0.04	-10	0.46	460	0.8
VR82632A		5	13.8	0	0.8	1.85	-10	380	0.35	0.17	0.5	0.38	13	27	22	3.04	5	-0.1	0.05	0.04	-10	0.57	515	1.2

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR82617A	0.01	14	680	6	0.03	0.5	7	61	-0.05	0.04	0.08	1.25	55	0.9	42	F	
VR82618A	0.02	10	620	16	0.03	0.4	7	65	-0.05	0.03	0.12	0.65	57	0.4	70	F	
VR82619A	0.01	8	840	24	-0.01	0.2	7	39	-0.05	-0.01	0.1	0.45	33	1.25	92	F	
VR82620A	0.03	14	480	4	-0.01	0.4	8	44	-0.05	0.08	0.16	0.85	58	0.4	42	F	
VR82621A	0.03	14	600	2	0.03	0.4	4	94	-0.05	0.05	0.06	1	40	0.35	34	F	
VR82622A	0.02	15	510	22	0.03	0.5	5	61	-0.05	0.04	0.08	1.4	36	0.55	76	F	
VR82623A	0.01	12	620	28	0.03	0.4	7	43	-0.05	0.03	0.14	1.05	55	1.8	62	F	
VR82624A	0.01	12	380	12	0.02	0.3	5	42	-0.05	0.05	0.1	0.95	45	1.2	66	F	
VR82625A	0.01	11	640	40	0.04	0.3	5	46	-0.05	0.03	0.08	1.15	46	0.5	114	F	
VR82626A	0.01	8	530	154	-0.01	0.3	6	24	-0.05	0.01	0.26	0.65	40	1.6	234	F	
VR82627A	0.01	18	710	14	-0.01	0.7	23	28	-0.05	0.06	0.28	0.5	96	0.5	158	F	
VR82628A	0.01	27	760	16	0.06	1	4	22	-0.05	0.03	0.2	1.35	37	0.2	100	F	
VR82629A	0.01	17	500	10	0.01	0.6	3	11	-0.05	0.06	0.16	0.65	59	0.25	50	F	
VR82630A	0.01	23	740	12	0.03	0.6	4	12	-0.05	0.04	0.16	1.25	54	0.25	76	F	
VR82631A	0.01	11	570	2	0.07	0.5	3	19	-0.05	0.04	0.1	0.95	34	0.1	44	F	
VR82632A	0.01	20	610	6	0.04	0.4	4	14	-0.05	0.04	0.16	1.05	50	0.2	66	T	VR82633A

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR82633A	Sixty Mile	SL	FA	19990623	GOOD	DUPLICATE OF SAMPLE VR82632. GOOD QUALITY SAMPLE.	7	502565	7099418	NAD 27	A9921625
VR82634A	Sixty Mile	SL	FA	19990623	MOD	MODERATE QUALITY SAMPLE TAKEN FROM A TALUS SLOPE. TALUS CONSISTS OF GREY WEAKLY GRAPHITIC QUARTZ SCHIST AND QUARTZITE. SAMPLE IS DOMINANTLY FROM A HORIZON BUT MAY CONTAIN MINOR B HORIZON MATERIAL.	7	502173	7099209	NAD 27	A9921625
VR82635A	Sixty Mile	SL	FA	19990623	MOD	SAMPLE TAKEN ON TALUS SLOPE OF WHITE AND GREY QUARTZITE AND SCHISTS.	7	502225	7099459	NAD 27	A9921625
VR82636A	Sixty Mile	SL	FA	19990623	MOD	MODERATE QUALITY SAMPLE.	7	502353	7099588	NAD 27	A9921625
VR82637A	Sixty Mile	SL	FA	19990623	MOD	SAMPLE IS OF MODERATE QUALITY. MAY CONTAIN SOME C HORIZON MATERIAL.	7	502495	7099710	NAD 27	A9921625
VR82638A	Sixty Mile	SL	FA	19990623	GOOD	SAMPLE HAS A LOW CLAY CONTENT. MAY BE A MIX OF A AND B HORIZONS.	7	502649	7099838	NAD 27	A9921625
VR82639A	Sixty Mile	SL	FA	19990623	GOOD	GOOD SOIL OVERTOP WELL FOLIATED BIOTITE QUARTZ SCHIST.	7	502760	7099877	NAD 27	A9921625
VR82640A	Sixty Mile	SL	FA	19990623	GOOD	SAMPLED FROM MADRONA SOIL SITE. 500W 223N. MILLER CREEK GRID.	7	503001	7099823	NAD 27	A9921625
VR82641A	Sixty Mile	SL	FA	19990623			7	503249	7099696	NAD 27	A9921625
VR82642A	Sixty Mile	SL	FA	19990623	GOOD	SAMPLE TAKEN FROM THE NORTH SIDE OF THE ROAD AT SPRUCE TREE GROVE. ~ 30 m IN.	7	508605	7097329	NAD 27	A9921625
VR82643A	Sixty Mile	SL	FA	19990623	GOOD	SAMPLE TAKEN FROM THE NORTHEAST SIDE OF THE ROAD APPROXIMATELY 60 m INTO THE BUSH.	7	508829	7097347	NAD 27	A9921625
VR82644A	Sixty Mile	SL	FA	19990623	GOOD	SAMPLE TAKEN APPROXIMATELY 60 m INTO BUSH ON NORTHEAST SIDE OF THE ROAD. GOOD QUALITY SAMPLE.	7	508970	7097296	NAD 27	A9921625
VR82645A	Sixty Mile	SL	FA	19990623	GOOD	GOOD QUALITY SAMPLE TAKEN APPROXIMATELY 40 m INTO THE BUSH ON THE NORTHEAST SIDE OF THE ROAD.	7	509193	7097206	NAD 27	A9921625
VR82646A	Sixty Mile	SL	FA	19990623	MOD	SAMPLE MAY BE A MIX OF BOTH THE A AND B HORIZONS.	7	509400	7097097	NAD 27	A9921625
VR82647A	Sixty Mile	SL	FA	19990623	MOD	SAMPLE TAKEN FROM A DISTURBED AREA NORTHEAST OF ROAD.	7	509586	7097065	NAD 27	A9921625
VR82648A	Sixty Mile	SL	FA	19990623	GOOD	GOOD QUALITY SAMPLE.	7	509697	7097098	NAD 27	A9921625
VR82649A	Sixty Mile	SL	FA	19990623	MOD	MODERATE QUALITY SAMPLE.	7	509963	7096958	NAD 27	A9921625
VR82652A	Sixty Mile	SL	FA	19990624	GOOD	GOOD QUALITY SAMPLE.	7	505515	7101343	NAD 27	A9921625
VR82653A	Sixty Mile	SL	FA	19990624	GOOD	GOOD QUALITY SAMPLE.	7	505338	7101429	NAD 27	A9921625
VR82654A	Sixty Mile	SL	FA	19990624			7	505175	7101555	NAD 27	A9921625
VR82655A	Sixty Mile	SL	FA	19990624	POOR	POSSIBLE GRAVEL. POOR QUALITY SAMPLE.	7	505032	7101698	NAD 27	A9921625
VR82656A	Sixty Mile	SL	FA	19990624	POOR	GRAVEL SAMPLE TRAPPED BY TREE ROOTS.	7	504845	7101866	NAD 27	A9921625
VR82657A	Sixty Mile	SL	FA	19990624		SAMPLE CONTAINS LOTS OF COLLUVIUM.	7	504659	7101875	NAD 27	A9921625
VR82658A	Sixty Mile	SL	FA	19990624		DUPLICATE OF VR82659.	7	504465	7101894	NAD 27	A9921625
VR82659A	Sixty Mile	SL	FA	19990624		DUPLICATE OF SAMPLE VR82658.	7	504461	7101917	NAD 27	A9921625
VR82660A	Sixty Mile	SL	FA	19990624	GOOD	GOOD QUALITY SAMPLE.	7	504241	7101919	NAD 27	A9921625

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR82633A		7	10.2	0	0.84	1.7	-10	390	0.3	0.14	0.64	0.32	9	25	19.8	2.63	4.3	-0.1	0.05	0.04	-10	0.52	375	1
VR82634A		4	19.6	0	0.7	1.31	-10	80	0.1	0.3	0.07	0.56	4.6	21	22.8	2.84	5.6	-0.1	0.08	0.03	-10	0.24	180	1.8
VR82635A		5	24.4	0	1.32	2.43	-10	150	0.4	0.34	0.08	0.34	6.8	26	18.4	3.36	6.7	-0.1	0.12	0.06	-10	0.28	385	1.8
VR82636A		4	18.4	0	0.42	1.92	-10	240	0.35	0.25	0.14	0.18	6.8	22	16.2	2.83	4.8	-0.1	0.07	0.04	-10	0.31	290	1.2
VR82637A		6	17.8	0	0.82	1.31	-10	200	0.25	0.21	0.12	0.44	6	24	23.6	2.69	5	-0.1	0.05	0.04	-10	0.29	265	2.6
VR82638A		4	14.6	0	1.36	1.67	-10	260	0.25	0.21	0.12	0.28	5.2	24	19	2.47	6	-0.1	0.06	0.04	-10	0.4	210	1.6
VR82639A		2	23	0	0.2	2.25	-10	150	0.35	0.22	0.12	0.28	11	34	21.2	3.16	5.7	-0.1	0.04	0.06	-10	0.49	490	1.4
VR82640A		2	30.6	0	0.46	1.59	-10	160	0.3	0.2	0.14	0.36	6.2	27	23.4	2.56	4.9	-0.1	0.04	0.05	-10	0.43	210	1.4
VR82641A		6	62	0	0.46	1.8	-10	280	0.3	0.19	0.28	0.52	9.8	37	38.8	3.22	4.8	-0.1	0.04	0.06	10	0.66	485	2
VR82642A		3	8.8	0	0.18	1.51	-10	320	0.35	0.16	0.66	0.24	10.8	25	31.2	2.5	4.3	-0.1	0.03	0.06	-10	0.53	385	1
VR82643A		3	8.6	0	0.14	1.66	-10	330	0.55	0.18	0.72	0.16	9.4	24	22.8	2.65	4.7	-0.1	0.07	0.06	10	0.48	375	0.8
VR82644A		2	7.2	0	0.1	1.97	-10	270	0.5	0.13	0.78	0.1	10	21	15	3.32	6	-0.1	0.04	0.03	10	0.64	305	0.8
VR82645A		7	7	0	0.16	1.98	-10	380	0.55	0.14	0.78	0.18	11.6	31	22	3.24	6.2	-0.1	0.06	0.04	10	0.65	440	0.8
VR82646A		2	5.6	0	0.12	1.82	-10	380	0.6	0.12	0.82	0.08	9.2	21	16	2.78	6	-0.1	0.08	0.03	10	0.55	475	0.8
VR82647A		2	7.4	0	0.14	1.61	-10	430	0.65	0.13	0.77	0.18	11.8	20	18.2	3.12	5	-0.1	0.08	0.04	10	0.44	665	0.8
VR82648A		4	6.8	0	0.14	1.8	-10	340	0.55	0.15	0.7	0.1	9	24	20.4	2.94	5.3	-0.1	0.06	0.04	10	0.5	325	0.6
VR82649A		6	5.6	0	0.12	1.67	-10	340	0.45	0.16	0.53	0.12	7.4	27	19.4	2.38	4.5	-0.1	0.11	0.04	10	0.41	255	0.6
VR82652A		3	37	0	0.32	1.96	-10	270	0.3	0.19	0.46	0.38	13	72	30	2.88	5.3	-0.1	0.06	0.06	-10	0.78	440	2
VR82653A		4	62.2	0	0.68	2.45	-10	360	0.6	0.21	0.55	0.72	16.8	100	46	2.95	6.5	-0.1	0.07	0.06	-10	1.12	405	4.6
VR82654A		-1	37.8	0	0.98	2.25	-10	530	0.55	0.2	0.66	0.42	9.6	89	25.8	2.66	6.7	-0.1	0.06	0.07	10	0.9	395	2.6
VR82655A		5	6.2	0	0.18	1.39	-10	510	0.4	0.14	0.8	0.18	7.4	23	14.2	1.91	3.7	-0.1	0.1	0.05	-10	0.4	650	1.8
VR82656A		6	12	0	0.08	1.49	-10	250	0.25	0.17	0.5	0.34	8.4	26	15.6	2.17	4.1	-0.1	0.02	0.05	-10	0.44	435	1
VR82657A		7	15.4	0	0.28	1.91	-10	200	0.3	0.2	0.19	0.26	8.4	33	27	2.83	5.5	-0.1	0.04	0.05	-10	0.5	355	4.8
VR82658A		10	20.6	0	0.48	2.1	-10	160	0.3	0.3	0.11	0.5	14.8	34	34	3.7	6.8	-0.1	0.04	0.05	-10	0.46	995	3.2
VR82659A		5	19	0	0.44	2.21	-10	190	0.35	0.3	0.12	0.58	16.2	36	37.2	3.87	7	-0.1	0.03	0.05	-10	0.5	1045	4
VR82660A		3	8.6	0	0.14	1.29	-10	110	0.3	0.15	0.15	0.44	11	23	27.2	2.65	3.8	-0.1	0.03	0.04	-10	0.4	695	1.8

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR82633A	0.01	19	650	4	0.05	0.4	4	17	-0.05	0.04	0.16	1	42	0.3	66	T	VR82632A
VR82634A	0.01	9	540	14	0.04	1.6	-1	10	-0.05	0.05	0.16	1	50	0.25	36	F	
VR82635A	-0.01	11	740	16	0.06	2.3	2	9	0.05	0.07	0.18	0.85	60	0.4	54	F	
VR82636A	0.01	13	540	14	0.02	0.7	3	11	0.05	0.05	0.16	1	46	0.25	38	F	
VR82637A	-0.01	19	540	12	0.03	0.9	1	12	-0.05	0.05	0.22	1	53	0.3	56	F	
VR82638A	0.01	14	470	6	0.03	0.5	1	11	-0.05	0.05	0.14	0.85	51	0.3	46	F	
VR82639A	-0.01	21	330	10	0.01	0.6	3	11	-0.05	0.07	0.14	0.7	57	0.2	54	F	
VR82640A	0.01	16	330	22	0.01	0.5	3	14	-0.05	0.06	0.1	0.85	48	0.2	50	F	
VR82641A	0.01	26	610	20	0.01	0.8	5	21	-0.05	0.06	0.12	1.65	53	0.2	88	F	
VR82642A	0.03	23	700	4	0.01	0.6	4	28	-0.05	0.07	0.08	0.75	48	0.25	48	F	
VR82643A	0.02	16	630	6	0.03	0.6	5	43	-0.05	0.06	0.06	1.15	53	0.25	44	F	
VR82644A	0.02	9	790	6	0.03	0.4	7	50	-0.05	0.07	0.08	0.95	91	0.2	38	F	
VR82645A	0.01	15	810	4	0.02	0.5	8	46	-0.05	0.12	0.06	1.3	80	0.35	44	F	
VR82646A	0.01	9	850	6	0.03	0.3	7	42	-0.05	0.07	0.08	1	70	0.3	34	F	
VR82647A	0.01	11	810	8	0.04	0.4	7	38	-0.05	0.05	0.1	1	69	0.5	44	F	
VR82648A	0.01	12	710	4	0.01	0.5	6	35	-0.05	0.06	0.08	1.1	64	0.4	46	F	
VR82649A	0.01	13	510	8	0.01	0.4	6	29	-0.05	0.06	0.08	1.35	50	0.8	50	F	
VR82652A	0.01	31	370	14	0.02	0.3	4	18	-0.05	0.05	0.12	1	61	0.2	68	F	
VR82653A	0.01	50	560	12	0.03	0.5	6	20	-0.05	0.06	0.18	2.1	83	0.4	88	F	
VR82654A	0.01	36	510	10	0.05	0.4	5	24	-0.05	0.05	0.24	1.7	66	0.3	62	F	
VR82655A	0.01	13	550	4	0.04	0.3	3	71	-0.05	0.03	0.1	1	38	0.3	38	F	
VR82656A	0.01	15	340	6	0.02	0.5	3	56	-0.05	0.04	0.1	0.6	41	0.5	48	F	
VR82657A	0.01	21	530	6	0.01	0.7	3	20	-0.05	0.05	0.14	1.05	51	1.55	60	F	
VR82658A	-0.01	28	630	8	0.01	0.7	3	16	0.05	0.04	0.16	1.15	65	0.35	100	T	VR82659A
VR82659A	-0.01	30	660	10	-0.01	0.8	4	18	0.05	0.04	0.2	1.35	66	0.4	110	T	VR82658A
VR82660A	0.01	21	500	6	-0.01	0.7	2	11	-0.05	0.05	0.08	1	42	0.25	70	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR82661A	Sixty Mile	SL	FA	19990624			7	504065	7101964	NAD 27	A9921625
VR82662A	Sixty Mile	SL	FA	19990624		GRAPHITIC SCHIST.	7	503894	7102055	NAD 27	A9921625
VR82663A	Sixty Mile	SL	KW	19990624	GOOD	GOOD QUALITY SAMPLE.	7	503714	7102143	NAD 27	A9921625
VR82664A	Sixty Mile	SL	FA	19990624			7	503627	7102326	NAD 27	A9921625
VR82665A	Sixty Mile	SL	FA	19990624	GOOD	GOOD QUALITY SAMPLE.	7	503523	7102394	NAD 27	A9921625
VR82666A	Sixty Mile	SL	FA	19990624		CHLORITE SCHIST.	7	503349	7102383	NAD 27	A9921625
VR82667A	Sixty Mile	SL	FA	19990624	GOOD	GOOD QUALITY SAMPLE.	7	503269	7102223	NAD 27	A9921625
VR82668A	Sixty Mile	SL	FA	19990624			7	503226	7102030	NAD 27	A9921625
VR82669A	Sixty Mile	SL	FA	19990624	GOOD	GOOD QUALITY SAMPLE.	7	503240	7101838	NAD 27	A9921625
VR82670A	Sixty Mile	SL	FA	19990624	GOOD	SAMPLE IS CONTAMINATED WITH ASH.	7	503288	7101611	NAD 27	A9921625
VR82671A	Sixty Mile	SL	FA	19990624		SAMPLE TAKEN FROM A FROZEN LAYER ON A NORTH FACING SLOPE.	7	503261	7101363	NAD 27	A9921625
VR82672A	Sixty Mile	SL	FA	19990624	MOD	SAMPLE IS CONTAMINATED WITH ASH. SAMPLE IS MARKED AS HAVING BEEN TAKEN FROM BOTH THE B AND C HORIZONS?	7	503493	7101419	NAD 27	A9921625
VR82673A	Sixty Mile	SL	FA	19990624	MOD	SAMPLE MAY BE A MIX OF THE A AND B HORIZONS. NEAR STATION FA 82.	7	503722	7101486	NAD 27	A9921625
VR82674A	Sixty Mile	SL	FA	19990624			7	503913	7101375	NAD 27	A9921625
VR82675A	Sixty Mile	SL	FA	19990624	MOD	SAMPLE TAKEN AT LAYER OF FROZEN GROUND. MAY BE A MIX OF THE A AND B HORIZONS.	7	504099	7101322	NAD 27	A9921625
VR82676A	Sixty Mile	SL	FA	19990624		ROCKY SAMPLE.	7	505085	7100993	NAD 27	A9921625
VR82677A	Sixty Mile	SL	FA	19990624	GOOD	GOOD QUALITY SAMPLE. DUPLICATE OF VR82678.	7	505312	7100928	NAD 27	A9921625
VR82678A	Sixty Mile	SL	FA	19990624	GOOD	GOOD QUALITY SAMPLE. DUPLICATE OF VR82677.	7	505312	7100929	NAD 27	A9921625
VR82679A	Sixty Mile	SL	FA	19990624	POOR	POOR QUALITY SAMPLE.	7	505620	7100968	NAD 27	A9921625
VR82680A	Sixty Mile	SL	FA	19990624	GOOD	GOOD QUALITY SAMPLE.	7	505757	7101030	NAD 27	A9921625
VR82681A	Sixty Mile	SL	FA	19990626	POOR	POOR SAMPLE CONTAMINATED BY ASH. TAKEN PROXIMAL TO ANDESITE/VOLCANIC BEDROCK.	7	511618	7099424	NAD 27	A9921625
VR82682A	Sixty Mile	SL	FA	19990626	MOD	NO SOIL DEVELOPMENT. A AND C HORIZON MIX.	7	511377	7099454	NAD 27	A9921625
VR82683A	Sixty Mile	SL	FA	19990626	MOD	NO SOIL (FROZEN AT 10 cm). SAMPLE MAY BE A MIX OF A AND B HORIZONS.	7	511194	7099415	NAD 27	A9921625
VR82684A	Sixty Mile	SL	FA	19990626	MOD	SAMPLE TAKEN FROM A FROZEN B HORIZON WHICH CONTAINS ORGANICS.	7	510989	7099415	NAD 27	A9921625
VR82685A	Sixty Mile	SL	FA	19990626	MOD	GOOD SOIL ABOVE ASH. ASH LAYER IS FROZEN. ONLY MATERIAL TO TAKE.	7	510798	7099422	NAD 27	A9921625
VR82686A	Sixty Mile	SL	FA	19990626	GOOD	SAMPLE IS A MIX OF THE A AND B HORIZONS. FROZEN GROUND EVERYWHERE.	7	510633	7099270	NAD 27	A9921625
VR82687A	Sixty Mile	SL	FA	19990626	MOD	SAMPLE IS CONTAMINATED WITH ASH. MODERATE QUALITY SAMPLE.	7	510415	7099237	NAD 27	A9921625
VR82691A	Sixty Mile	SL	FA	19990626	MOD	MODERATE TO POOR SAMPLE QUALITY. FROZEN GROUND.	7	509553	7099749	NAD 27	A9921625
VR82692A	Sixty Mile	SL	FA	19990626	GOOD	GOOD QUALITY SAMPLE. DUPLICATE OF VR82693.	7	509733	7099642	NAD 27	A9921625

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR82661A		125	9.6	0	0.22	1.5	-10	140	0.35	0.17	0.16	0.38	10.6	33	34.4	2.96	4.3	-0.1	0.03	0.04	10	0.5	560	1.8
VR82662A		3	6.6	0	0.2	1.4	-10	140	0.3	0.15	0.21	0.32	8.8	29	29.6	2.57	4.1	-0.1	0.02	0.04	10	0.5	375	1.4
VR82663A		5	29	0	0.44	2.31	-10	220	0.4	0.29	0.12	0.58	14.8	40	38	3.79	6.8	-0.1	0.04	0.06	10	0.53	860	2.4
VR82664A		6	11.2	0	0.16	1.46	-10	190	0.3	0.13	0.25	0.2	25	83	39.2	2.91	4	-0.1	0.02	0.06	-10	0.77	565	1.2
VR82665A		4	7.8	0	0.24	1.65	-10	210	0.3	0.18	0.17	0.24	7.6	32	26.8	2.5	5.1	-0.1	0.04	0.05	-10	0.44	340	1.2
VR82666A		3	12.8	0	0.06	3.07	-10	400	0.3	0.14	0.19	0.22	23.6	134	79.3	4.01	8.1	-0.1	0.02	0.32	-10	1.36	565	1
VR82667A		4	13.4	0	0.08	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
VR82668A		4	29.8	0	0.3	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
VR82669A		3	8.6	0	0.08	1.94	-10	110	0.45	0.18	0.09	0.28	6	25	22	2.46	5.2	-0.1	0.03	0.03	-10	0.34	245	1
VR82670A		-1	6.8	0	0.18	1.54	-10	120	0.2	0.16	0.13	0.2	7.2	29	28	2.73	4.8	-0.1	0.03	0.05	10	0.55	320	1.4
VR82671A		-1	15.4	0	0.92	1.39	-10	210	0.2	0.22	0.26	0.72	10.8	31	21.6	2.53	4.9	-0.1	0.12	0.06	-10	0.5	575	2
VR82672A		11	15	0	0.24	1.54	-10	150	0.3	0.18	0.13	0.28	8.6	29	26.2	2.59	5.6	-0.1	0.04	0.06	-10	0.44	540	1.2
VR82673A		2	39	0	0.24	1.88	-10	120	0.4	0.17	0.18	0.36	15.4	38	35.6	3.32	5.1	-0.1	0.04	0.08	10	0.58	1145	1.8
VR82674A		2	30.4	0	0.22	1.83	-10	110	0.25	0.23	0.11	0.26	11	29	22.2	3.16	6.1	-0.1	0.03	0.05	10	0.49	695	2
VR82675A		28	38.4	0	0.42	1.86	-10	270	0.3	0.22	0.38	0.26	7.8	34	23	2.87	5.7	-0.1	0.04	0.05	-10	0.55	460	1.6
VR82676A		6	23.8	0	0.6	1.85	-10	120	0.3	0.26	0.1	0.46	13.2	35	34.2	3.37	6.1	-0.1	0.05	0.05	-10	0.45	1020	2.8
VR82677A		4	1480	0	0.54	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
VR82678A		-1	1430	0	0.52	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
VR82679A		3	42.2	0	0.72	1.38	-10	140	0.25	0.29	0.11	0.68	17.8	27	34.6	3.76	4.8	-0.1	0.05	0.05	-10	0.36	1655	3.4
VR82680A		5	81.2	0	1.52	2.13	-10	310	0.55	0.37	0.2	0.94	20	36	49.6	4.59	5.5	-0.1	0.11	0.05	10	0.46	2110	4.8
VR82681A		-1	5.2	0	0.18	1.81	-10	870	1.45	0.12	0.79	0.14	7.2	22	14	2.75	4.7	-0.1	0.06	0.07	20	0.33	720	0.8
VR82682A		3	5	0	0.16	1.35	-10	560	0.7	0.11	0.75	0.16	6.2	21	11.2	2.16	3.7	-0.1	0.07	0.05	10	0.33	495	0.4
VR82683A		4	4.2	0	0.16	1.28	-10	600	0.7	0.1	0.82	0.14	6	20	10.2	1.98	3.4	-0.1	0.09	0.04	-10	0.29	445	0.2
VR82684A		-1	3	0	0.26	1.56	-10	550	0.65	0.27	1.09	0.14	11	42	12.6	2.76	4.4	-0.1	0.04	0.04	10	0.88	985	0.6
VR82685A		-1	6.8	0	0.12	1.28	-10	350	0.85	0.17	0.37	0.08	6	20	22.6	2.98	3.5	-0.1	0.06	0.04	10	0.25	335	0.8
VR82686A		5	5.2	0	0.1	1.36	-10	450	0.45	0.14	0.47	0.1	8.6	22	8.8	2.19	3.7	-0.1	0.05	0.04	-10	0.31	810	1
VR82687A		2	7.6	0	0.08	1.53	-10	130	0.2	0.16	0.17	0.12	5.4	23	8	2.32	4.8	-0.1	0.02	0.04	-10	0.35	220	1
VR82691A		3	5.6	0	0.1	1.64	-10	170	0.25	0.17	0.33	0.14	5	27	12.4	1.88	4.7	-0.1	0.06	0.06	-10	0.45	110	0.4
VR82692A		2	7.6	0	0.1	1.5	-10	220	0.3	0.14	0.46	0.14	7.4	29	19	2.44	3.9	-0.1	0.04	0.05	10	0.56	225	0.8

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR82661A	0.01	29	440	6	0.01	0.6	3	14	-0.05	0.05	0.08	1.4	46	0.2	78	F	
VR82662A	0.01	22	480	6	0.01	0.4	3	14	-0.05	0.05	0.06	1.2	46	0.2	62	F	
VR82663A	-0.01	32	480	8	0.01	0.5	3	12	0.05	0.05	0.12	1.35	65	0.3	84	F	
VR82664A	0.01	288	520	4	0.01	0.8	5	14	-0.05	0.06	0.08	1.2	48	0.2	56	F	
VR82665A	0.01	20	450	4	0.01	0.4	3	12	-0.05	0.05	0.08	1.1	48	0.2	46	F	
VR82666A	0.01	67	460	2	0.01	0.5	6	13	-0.05	0.15	0.2	0.6	93	0.25	62	F	
VR82667A	0.01	24	430	6	-0.01	0.4	6	15	-0.05	0.07	0.16	1.1	60	0.2	42	F	
VR82668A	0.01	28	380	8	0.01	0.5	3	11	0.05	0.06	0.16	0.8	70	0.2	42	F	
VR82669A	0.01	14	520	8	0.01	0.5	1	10	-0.05	0.04	0.1	0.9	46	0.2	50	F	
VR82670A	0.01	19	480	6	0.04	0.5	2	14	-0.05	0.06	0.08	0.85	48	0.15	68	F	
VR82671A	0.01	26	760	24	0.05	0.5	2	21	-0.05	0.05	0.1	1.25	48	0.3	138	F	
VR82672A	0.01	25	720	6	0.04	0.7	1	13	-0.05	0.06	0.1	0.8	57	0.2	74	F	
VR82673A	-0.01	37	1010	8	0.04	0.7	3	18	0.05	0.06	0.1	0.85	53	0.2	90	F	
VR82674A	0.01	21	590	12	0.03	0.5	1	12	0.05	0.05	0.1	0.95	54	0.25	68	F	
VR82675A	0.01	27	760	4	0.05	0.5	3	25	-0.05	0.05	0.1	0.85	53	0.25	78	F	
VR82676A	0.01	32	730	14	0.02	1.2	2	15	0.05	0.05	0.14	1.3	59	0.3	134	F	
VR82677A	0.01	61	910	30	0.05	0.9	5	24	0.2	-0.01	0.18	1.6	73	0.15	216	T	VR82678A
VR82678A	-0.01	60	890	26	0.05	0.8	5	22	0.2	-0.01	0.18	1.5	75	0.2	204	T	VR82677A
VR82679A	0.01	36	660	26	0.04	0.7	1	14	0.05	0.04	0.22	1.15	51	0.25	166	F	
VR82680A	0.01	41	1000	38	0.04	0.7	4	21	0.05	0.04	0.2	3.1	58	0.25	166	F	
VR82681A	0.01	13	420	8	0.02	0.2	7	136	-0.05	0.04	0.08	1.4	48	0.15	64	F	
VR82682A	0.02	11	520	8	0.04	0.3	6	101	-0.05	0.04	0.1	1.45	41	0.35	76	F	
VR82683A	0.01	9	580	8	0.04	0.3	5	98	-0.05	0.04	0.06	1.95	42	0.25	62	F	
VR82684A	0.03	11	1030	6	0.03	0.1	7	160	-0.05	0.03	0.06	0.65	71	0.15	64	F	
VR82685A	0.02	17	750	8	0.03	0.4	5	48	-0.05	0.03	0.06	1.1	50	0.5	42	F	
VR82686A	0.01	11	490	8	0.03	0.3	3	52	-0.05	0.03	0.08	0.85	45	0.35	54	F	
VR82687A	0.01	12	380	6	-0.01	0.3	2	15	-0.05	0.06	0.08	0.4	52	0.2	48	F	
VR82691A	0.01	14	590	8	0.01	0.3	3	25	-0.05	0.06	0.08	0.55	37	0.35	56	F	
VR82692A	0.03	18	720	4	0.01	0.6	4	31	-0.05	0.07	0.08	0.5	46	0.3	64	T	VR82693A

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR82693A	Sixty Mile	SL	FA	19990626	GOOD	GOOD QUALITY SAMPLE. DUPLICATE OF SAMPLE VR82692.	7	509733	7099642	NAD 27	A9921625
VR82708A	Sixty Mile	SL	FA	19990711		SAMPLE TAKEN OVERTOP OF PHYLLITE BED AND ADJACENT TO QUARTZITE OUT CROP WITH CROSS CUTTING QTZ VEINS.	7	505186	7097458	NAD 27	A9923133
VR82709A	Sixty Mile	SL	FA	19990720	GOOD	B/C mix. Graphitic schist host.	7	500307	7101042	NAD 27	A9924198
VR82710A	Sixty Mile	SL	FA	19990720	POOR	Graphitic schist. Very little free material.	7	500427	7100931	NAD 27	A9924198
VR82711A	Sixty Mile	SL	FA	19990720	GOOD	Good soil. Biotite quartzite, little graphite.	7	500595	7100736	NAD 27	A9924198
VR82712A	Sixty Mile	SL	FA	19990720	GOOD	Graphitic mica schist / quartzite.	7	500706	7100563	NAD 27	A9924198
VR82713A	Sixty Mile	SL	FA	19990720	MOD		7	500818	7100538	NAD 27	A9924198
VR82714A	Sixty Mile	SL	FA	19990720	MOD	Wet, organic clay. Mottled grey/brown.	7	500908	7100504	NAD 27	A9924198
VR82715A	Sixty Mile	SL	FA	19990720	MOD	Lots of talus chips. Micaceous schists.	7	501069	7100384	NAD 27	A9924198
VR82716A	Sixty Mile	SL	FA	19990720	MOD	Talus fines and residual soil (A/C mix). Station FA 99-103.	7	501162	7100367	NAD 27	A9924198
VR82717A	Sixty Mile	SL	FA	19990720	MOD	A/C horizon plus talus fines	7	501202	7100475	NAD 27	A9927000
VR82718A	Sixty Mile	SL	FA	19990720	GOOD	Grey quartzite talus.	7	501248	7100548	NAD 27	A9924198
VR82719A	Sixty Mile	SL	FA	19990805	MOD	Qz-bio schist.	7	503943	7102030	NAD 27	A9925738
VR82720A	Sixty Mile	SL	FA	19990805	GOOD	Bi-Qz schist.	7	504000	7102000	NAD 27	A9925738
VR82721A	Sixty Mile	SL	FA	19990805	GOOD	Bi-Qz schist.	7	504000	7102000	NAD 27	A9925738
VR82722A	Sixty Mile	SL	FA	19990805	GOOD	Quartzite bedrock.	7	504070	7101985	NAD 27	A9925738
VR82723A	Sixty Mile	SL	FA	19990805	GOOD	Near site of VR82661 (but can't find flag of VR82661!). Found flag 82661 approx 55m west of this site.	7	504133	7101944	NAD 27	A9925738
VR82724A	Sixty Mile	SL	FA	19990805	GOOD	QTE bedrock.	7	504190	7101940	NAD 27	A9925738
VR82725A	Sixty Mile	SL	FA	19990805	MOD	quartzite	7	504292	7101971	NAD 27	A9925738
VR82726A	Sixty Mile	SL	FA	19990805	MOD	Graphitic bi-qtz schist.	7	504195	7102011	NAD 27	A9925738
VR82727A	Sixty Mile	SL	FA	19990805	GOOD	Quartzite and schist.	7	504103	7102054	NAD 27	A9925738
VR82728A	Sixty Mile	SL	FA	19990805	MOD	Possible ash contamination. Scree slope of phyllitic quartzite.	7	504023	7102094	NAD 27	A9925738
VR82729A	Sixty Mile	SL	FA	19990805		Quartzite scree slope, no soil development. (Sample quality not recorded).	7	503925	7102125	NAD 27	A9925738
VR82730A	Sixty Mile	SL	FA	19990805	GOOD	Some ash. Looks like a bad turd. Schist bedrock.	7	503769	7101891	NAD 27	A9925738
VR82731A	Sixty Mile	SL	FA	19990805	POOR	No soil developed. Ash mixed with B. Quartzite bedrock.	7	503959	7101789	NAD 27	A9925738
VR82732A	Sixty Mile	SL	FA	19990805	MOD	Graphitic schist. Organics at depth.	7	504163	7101710	NAD 27	A9925738
VR82733A	Sixty Mile	SL	FA	19990805	POOR	Organics at depth.	7	504326	7101692	NAD 27	A9925738
VR82734A	Sixty Mile	SL	FA	19990805	GOOD	schist bedrock	7	504480	7101539	NAD 27	A9925738
VR82735A	Sixty Mile	SL	FA	19990814	GOOD	grey qtz musc feld schist.	7	500349	7100833	NAD 27	A9927000
VR82736A	Sixty Mile	SL	FA	19990814		quartzite talus, phyllite interbeds, laken at limonite breccia (cementing phyllite) possible fault. CARD NOT PROPERLY FILLED OUT.	7	501037	7100476	NAD 27	A9927000
VR82737A	Sixty Mile	SL	FA	19990814		CARD NOT PROPERLY FILLED OUT. Quartzite talus with phyllite interbeds. Taken at limonite breccia (cementing phyllite) possible fault.	7	501037	7100476	NAD 27	A9927000

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR82693A		2	7.4	0	0.1	1.47	-10	230	0.35	0.15	0.46	0.16	7.6	28	19.4	2.37	4	-0.1	0.04	0.05	10	0.54	230	0.8
VR82708A		17	91.4	0	0.08	2.02	-10	200	0.4	0.17	0.23	0.14	9.4	32	27.2	3.13	5.7	-0.1	0.03	0.04	10	0.54	295	1
VR82709A		50	46.6	0	0.34	0.78	-10	110	0.65	0.23	0.2	0.22	14	22	42.6	3.69	2.5	0.1	0.03	0.06	30	0.29	425	1
VR82710A		11	566	0	0.74	1.83	-10	170	0.8	0.54	0.27	1.54	14.6	37	56.9	4.59	4.8	0.1	0.04	0.15	30	0.75	615	6.4
VR82711A		2	95.4	0	0.32	2.27	-10	140	0.75	0.31	0.11	0.28	14.4	48	30.8	3.74	6.2	-0.1	0.04	0.17	20	0.94	550	2
VR82712A		2	72.4	0	0.34	1.82	-10	210	0.45	0.34	0.25	0.42	20.4	43	27.2	3.32	5.2	-0.1	0.02	0.07	10	0.71	980	4.6
VR82713A		4	27.4	0	0.68	1.84	-10	370	0.6	0.46	0.34	0.66	10.6	51	36.6	3.85	5.3	-0.1	0.06	0.06	10	0.71	240	8
VR82714A		9	21.2	0	0.88	1.82	-10	290	0.45	0.62	0.28	0.24	8	34	30.2	3.37	5.1	-0.1	0.07	0.06	10	0.53	155	2.8
VR82715A		49	23.4	0	2.36	1.06	-10	190	0.25	1.5	0.04	0.18	5.8	17	71.2	4.77	3.6	-0.1	0.12	0.17	10	0.16	250	4.2
VR82716A		800	21.4	0	2.12	1.34	-10	110	0.3	1.11	0.12	0.3	13.8	24	51.1	3.8	4.3	-0.1	0.09	0.06	-10	0.31	715	2.8
VR82717A		250	166	0	2.24	1.12	-10	220	0.2	0.68	0.08	0.26	5	18	60.6	4.2	2.9	-0.1	0.08	0.2	10	0.19	305	6.2
VR82718A		30	154.5	0	1.92	1.78	-10	230	0.35	1.18	0.14	1.14	16	32	88.6	5.23	4.8	-0.1	0.16	0.18	10	0.35	1025	11.4
VR82719A		-1	8.6	0	0.2	1.54	-10	100	0.2	0.23	0.07	0.42	7	24	32	2.89	5.9	-0.1	0.03	0.05	10	0.39	315	2.4
VR82720A		3	10.6	0	0.18	1.87	-10	120	0.4	0.21	0.1	0.5	12.6	38	43.8	3.52	5.4	-0.1	0.03	0.05	10	0.56	675	2.4
VR82721A		4	10.2	0	0.22	1.82	-10	120	0.35	0.22	0.1	0.56	12.4	36	43.4	3.5	5	-0.1	0.04	0.05	10	0.54	680	2.2
VR82722A		4	10.2	0	0.18	1.88	-10	120	0.4	0.19	0.09	0.46	13	35	36.6	3.55	5.2	-0.1	0.04	0.05	10	0.54	615	2.2
VR82723A		6	10.6	0	0.22	1.83	-10	150	0.35	0.18	0.14	0.68	11.2	33	27.2	3.09	4.9	-0.1	0.02	0.06	10	0.54	610	1.6
VR82724A		14	15	0	0.34	1.95	-10	160	0.45	0.2	0.13	0.44	10.8	39	34.4	3.43	5.4	-0.1	0.03	0.05	10	0.57	575	1.8
VR82725A		6	13.4	0	0.12	2.09	-10	150	0.5	0.2	0.09	0.28	11	34	31.6	3.39	5.8	-0.1	0.02	0.05	-10	0.55	540	1.6
VR82726A		5	10.4	0	0.28	1.63	-10	150	0.35	0.17	0.14	0.52	11.2	30	33.8	3.18	4.5	-0.1	0.03	0.06	10	0.52	635	1.8
VR82727A		7	12	0	0.16	1.88	-10	160	0.4	0.21	0.13	0.44	11.4	36	28.8	3.23	5.6	-0.1	0.04	0.06	10	0.52	665	1.6
VR82728A		3	12	0	0.16	2.51	-10	130	0.5	0.22	0.07	0.66	9.8	35	24.8	3.68	6.5	-0.1	0.05	0.05	-10	0.52	335	2
VR82729A		-1	9.6	0	0.68	1.69	-10	130	0.4	0.23	0.08	0.64	7.2	24	27.4	3.19	6.4	-0.1	0.03	0.06	10	0.32	335	2.4
VR82730A		4	11.2	0	0.34	2.01	-10	310	0.35	0.17	0.18	0.34	13.6	98	52.4	3.33	5.5	-0.1	0.05	0.08	10	1.02	565	1.6
VR82731A		3	22.4	0	0.54	2.49	-10	230	0.5	0.24	0.16	0.48	13.4	52	39.6	3.72	6.7	-0.1	0.07	0.07	10	0.62	695	2.2
VR82732A		2	12.8	0	0.26	2.15	-10	240	0.5	0.2	0.18	0.32	13.8	68	42.2	3.57	6.2	-0.1	0.03	0.06	10	0.89	695	1.6
VR82733A		-1	11.6	0	0.48	2.15	-10	220	0.35	0.22	0.15	0.3	10.6	47	36.6	3.21	6.3	-0.1	0.03	0.05	10	0.61	480	1.6
VR82734A		-1	9.8	0	0.54	2.13	-10	310	0.5	0.21	0.2	0.3	9.6	41	30	2.96	5.7	-0.1	0.06	0.04	10	0.65	425	1.4
VR82735A		-1	16	0	0.16	2.99	-10	140	0.55	0.15	0.15	0.4	14.8	39	29.6	3.24	4.7	-0.1	0.09	0.06	-10	0.61	340	1.2
VR82736A		34	41.8	0	2.48	1.6	-10	260	0.35	1.12	0.13	0.58	9.2	26	68.5	4.34	3.8	-0.1	0.14	0.17	10	0.32	535	7
VR82737A		60	41.6	0	2.6	1.58	-10	270	0.5	1.13	0.13	0.56	9.2	26	69.1	4.29	3.8	-0.1	0.12	0.18	10	0.32	535	6.8

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR82693A	0.02	19	740	10	0.01	0.5	4	30	-0.05	0.07	0.08	0.55	45	0.35	64	T	VR82692A
VR82708A	0.01	23	610	18	0.01	0.6	4	21	0	0.08	0.1	0.8	65	0.3	64	F	
VR82709A	0.01	44	640	6	0.02	0.7	3	17	0.05	0.04	0.18	1.25	37	0.3	124	F	
VR82710A	0.02	53	1040	44	0.07	0.9	4	23	0.15	0.08	0.42	1.85	59	0.5	240	F	
VR82711A	-0.01	31	490	22	0.05	0.6	3	11	-0.05	0.07	0.24	0.95	59	0.55	126	F	
VR82712A	0.01	29	680	24	0.01	0.8	4	17	0.05	0.06	0.2	0.8	57	0.35	150	F	
VR82713A	0.01	26	790	28	0.01	1.6	7	22	0.05	0.06	0.38	1.6	81	0.45	126	F	
VR82714A	0.01	18	720	24	0.01	1.4	5	22	0.05	0.07	0.4	1.25	55	0.4	62	F	
VR82715A	0.01	11	680	62	0.37	2.4	1	12	0.3	0.03	1.18	1	30	0.35	58	F	
VR82716A	0.01	17	990	32	0.08	3.7	1	14	0.3	0.05	1.36	0.85	45	0.4	64	F	
VR82717A	0.01	12	1020	34	0.44	3.4	1	19	0.25	0.04	1.98	1.4	39	0.3	60	F	
VR82718A	0.01	40	1600	90	0.33	5.6	3	36	0.2	0.05	2.56	2.8	59	0.65	180	F	
VR82719A	0.01	21	490	10	0.01	0.5	1	16	0.05	0.05	0.08	1.1	50	0.35	82	F	
VR82720A	0.01	36	510	10	0.01	0.8	3	17	0.05	0.05	0.08	1.4	56	0.2	118	T	VR82721A
VR82721A	0.01	36	480	10	0.01	0.7	3	16	0.05	0.05	0.08	1.35	54	0.25	118	T	VR82720A
VR82722A	0.01	32	470	10	0.01	0.7	3	16	-0.05	0.05	0.1	1.15	55	0.2	114	F	
VR82723A	0.01	30	550	12	0.01	0.6	2	18	-0.05	0.04	0.08	0.9	51	0.2	98	F	
VR82724A	0.01	31	540	12	0.01	0.9	3	20	0.05	0.04	0.1	1.3	52	0.25	108	F	
VR82725A	0.01	24	480	2	0.01	0.7	3	15	0.05	0.06	0.1	1	58	0.25	84	F	
VR82726A	0.01	30	570	8	0.02	0.6	3	19	0.05	0.05	0.08	1.25	49	0.25	122	F	
VR82727A	0.01	27	670	16	0.01	0.6	3	17	0.05	0.06	0.08	1.1	56	0.25	96	F	
VR82728A	0.01	24	540	8	0.01	0.6	3	13	0.05	0.06	0.1	0.75	64	0.25	90	F	
VR82729A	0.01	20	550	10	0.01	0.5	1	17	0.05	0.04	0.1	0.9	61	0.25	82	F	
VR82730A	0.01	74	520	6	0.01	0.7	5	19	0.05	0.06	0.12	1.4	61	0.2	108	F	
VR82731A	0.01	40	430	10	0.01	1.4	4	23	0.05	0.04	0.12	1.55	58	0.25	94	F	
VR82732A	0.01	44	540	6	0.01	0.7	4	22	-0.05	0.06	0.08	1.2	64	0.2	100	F	
VR82733A	0.01	31	530	4	0.01	0.7	4	21	-0.05	0.05	0.1	1.2	59	0.25	94	F	
VR82734A	0.01	27	580	6	0.01	0.5	4	26	-0.05	0.05	0.1	1.5	57	0.3	92	F	
VR82735A	0.01	32	500	10	0.01	0.6	4	14	0.05	0.09	0.08	0.5	63	0.2	68	F	
VR82736A	0.01	24	1110	42	0.31	2.5	3	26	0.25	0.05	0.92	1.6	50	0.45	86	T	VR82737A
VR82737A	0.01	23	1120	46	0.32	2.5	3	27	0.2	0.05	0.96	1.55	50	0.4	82	T	VR82736A

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR82738A	Sixty Mile	SL	FA	19990814	GOOD	SAME SITE AS VR82716A. At base of QTE out crop. Taken at site of 82716 (800 ppb Au) took duplicate to make sure that anomaly is true and not a lab or sample f--- up.	7	501037	7100476	NAD 27	A9927000
VR82739A	Sixty Mile	SL	FA	19990814	GOOD	Taken at same site as 82716 (800 ppb Au)	7	501162	7100367	NAD 27	A9927000
VR82740A	Sixty Mile	SL	FA	19990815	GOOD	quartzite chips	7	505740	7101352	NAD 27	A9927000
VR82741A	Sixty Mile	SL	FA	19990815	GOOD	phyllite/quartzite chips.	7	505956	7101370	NAD 27	A9927000
VR82742A	Sixty Mile	SL	FA	19990815	GOOD	Coarse sample. Graphitic quartzite.	7	506177	7101691	NAD 27	A9927000
VR82743A	Sixty Mile	SL	FA	19990815	GOOD		7	506429	7101726	NAD 27	A9927000
VR82744A	Sixty Mile	SL	FA	19990815	GOOD	tan quartzite.	7	506629	7101675	NAD 27	A9927000
VR82745A	Sixty Mile	SL	FA	19990815	GOOD	phyllite	7	506794	7101699	NAD 27	A9927000
VR82746A	Sixty Mile	SL	FA	19990815	GOOD	phyllite.	7	506982	7101764	NAD 27	A9927000
VR82747A	Sixty Mile	SL	FA	19990815	GOOD	phyllite	7	507186	7101793	NAD 27	A9927000
VR82748A	Sixty Mile	SL	FA	19990815	GOOD	tan quartzite.	7	507371	7101837	NAD 27	A9927000
VR82749A	Sixty Mile	SL	FA	19990815	MOD	phyllite.	7	507601	7101837	NAD 27	A9927000
VR82750A	Sixty Mile	SL	FA	19990815	GOOD		7	507795	7101771	NAD 27	A9927000
VR82759A	Sixty Mile	SL	RH	19990710	GOOD	GOOD SAMPLE QUALITY.	7	505533	7097275	NAD 27	A9923133
VR83001A	Sixty Mile	SL	FA	19990604	GOOD	GOOD QUALITY SAMPLE.	7	510776	7097139	NAD 27	A9919803
VR83002A	Sixty Mile	SL	FA	19990604	GOOD	GOOD QUALITY SAMPLE. MICRO-PHENOCRYSTS ARE YELLOW-ORANGE STAINED OR WEATHERED.	7	510691	7097124	NAD 27	A9919803
VR83003A	Sixty Mile	SL	FA	19990604	GOOD	GOOD QUALITY SAMPLE. TAKEN FROM BROWN WEATHERING ANDESITE FLOWS.	7	510581	7097191	NAD 27	A9919803
VR83004A	Sixty Mile	SL	FA	19990604	MOD	MODERATE QUALITY SAMPLE WITH LOTS OF ORGANICS. MAY HAVE AN ANDESITE PROTOLITH. HW 89 DRILL CORE AT SITE.	7	510533	7097245	NAD 27	A9919803
VR83005A	Sixty Mile	SL	FA	19990604	GOOD	GOOD QUALITY SAMPLE WITH ANDESITE FRAGMENTS. BRICK RED PATCHES (HEMATITE).	7	510544	7097366	NAD 27	A9919803
VR83006A	Sixty Mile	SL	FA	19990604	POOR	POOR QUALITY SAMPLE TAKEN FROM THE A/B HORIZON. SAMPLE IS TAKEN OVERTOP OF COLLUVIUM. POOR SOIL DEVELOPMENT. NO EXISTING ROCKS.	7	510498	7097484	NAD 27	A9919803
VR83007A	Sixty Mile	SL	FA	19990604	GOOD	GOOD QUALITY SAMPLE WITH ANDESITE FRAGMENTS.	7	510298	7097600	NAD 27	A9919803
VR83008A	Sixty Mile	SL	FA	19990604	POOR	POOR QUALITY SAMPLE TAKEN FROM FROZEN GROUND. TAKEN ON WESTERN MARGIN OF A GULLY.	7	510065	7097571	NAD 27	A9919803
VR83009A	Sixty Mile	SL	FA	19990604	MOD	MOTTLED YELLOW AND BROWN APPEARANCE. ANDESITE PROTOLITH. FAIR SAMPLE TAKEN FROM A POORLY DEVELOPED SOIL HORIZON. SAMPLE IS TAKEN JUST WEST OF THE STRUCTURALLY FORMED GULLY.	7	509982	7097581	NAD 27	A9919803
VR83010A	Sixty Mile	SL	FA	19990604	POOR	POOR TO MODERATE QUALITY SAMPLE. SAMPLE IS A MIX OF THE A AND B HORIZONS AND WAS TAKEN FROM FROZEN GROUND. SAMPLE CONTAINS 1-5 mm PALE BUFF ANDESITE FRAGMENTS. SAMPLE TAKEN NEAR DRILL HOLE 1B	7	509806	7097488	NAD 27	A9919803

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR82738A		920	21.4	0	2.78	1.4	-10	120	0.2	0.93	0.13	0.3	12.6	25	50.2	3.73	4.1	-0.1	0.14	0.07	10	0.32	680	3
VR82739A		815	20.6	0	2.72	1.38	-10	120	0.25	0.88	0.13	0.3	12.6	24	49	3.61	3.9	-0.1	0.12	0.06	-10	0.31	665	2.8
VR82740A		-1	21.8	0	0.36	2.15	-10	380	0.35	0.17	0.42	0.16	13	88	44.8	2.75	4.8	-0.1	0.07	0.05	10	1.02	485	1
VR82741A		-1	18.6	0	0.4	1.91	-10	420	0.45	0.16	0.41	0.22	11.4	85	39.6	2.82	4.4	-0.1	0.04	0.06	10	0.9	330	1.6
VR82742A		-1	8	0	1.26	1.78	-10	610	0.9	0.24	0.66	1.32	10.2	114	55.7	2.89	5.6	0.1	0.04	0.16	10	1.61	380	9.2
VR82743A		-1	49.8	0	0.44	1.52	-10	370	0.6	0.46	0.16	0.42	11.6	38	47.4	3.58	4.1	0.1	0.05	0.09	20	0.63	535	2.6
VR82744A		-1	45.4	0	0.38	1.98	-10	440	0.6	0.36	0.26	0.34	15.4	98	50.3	3.77	4.9	-0.1	0.04	0.11	10	1.17	550	2.2
VR82745A		-1	21.8	0	0.6	1.37	-10	330	0.65	1.15	0.15	0.74	13.2	39	69.2	4.04	3.8	-0.1	0.04	0.12	10	0.57	560	4
VR82746A		-1	78.8	0	0.46	1.22	-10	310	0.65	0.47	0.14	0.78	13.2	43	76	4.12	3.3	0.1	0.04	0.1	10	0.54	730	3.6
VR82747A		-1	11.6	0	0.28	1.96	-10	340	0.45	0.14	0.15	0.24	15.8	80	49.6	3.63	4.9	-0.1	0.03	0.1	10	0.99	850	1.8
VR82748A		-1	11.4	0	0.34	1.43	-10	220	0.45	0.23	0.13	0.4	12.6	30	59	3.79	3.7	-0.1	0.05	0.08	20	0.5	790	3.2
VR82749A		3	14	0	0.64	1.94	-10	290	0.5	0.2	0.16	0.32	11	34	49.2	3.54	4.4	-0.1	0.05	0.06	10	0.43	580	2.2
VR82750A		4	20.2	0	0.3	1.31	-10	260	0.45	0.16	0.24	0.4	10.4	29	48.2	3.32	3.5	-0.1	0.07	0.05	10	0.45	480	2
VR82759A		110	223	0	0.12	1.03	-10	120	0.25	0.2	0.08	0.14	5	21	24.6	2.55	4.1	-0.1	0.04	0.04	-10	0.25	220	3
VR83001A		3	5	0	0.16	1.53	-10	520	1.1	0.12	0.72	0.42	9.4	22	23	2.93	4.3	-0.1	0.11	0.07	20	0.29	680	0.8
VR83002A		2	6	0	0.08	1.62	-10	620	0.8	0.12	0.49	0.26	8	26	21.8	2.87	5	-0.1	0.08	0.05	20	0.38	425	0.8
VR83003A		2	4.8	0	0.08	1.72	-10	610	0.75	0.11	0.59	0.34	7.6	23	19	2.76	5.1	-0.1	0.08	0.07	20	0.3	365	0.6
VR83004A		-1	5.4	0	-0.02	1.72	-10	420	0.95	0.1	0.37	0.24	9.4	35	13.8	3.09	4.9	-0.1	0.05	0.04	10	0.3	355	0.8
VR83005A		-1	13	0	-0.02	2.85	-10	320	0.55	0.16	0.12	0.2	8.6	42	17.6	3.38	7	-0.1	0.01	0.05	-10	0.46	250	1.2
VR83006A		-1	7	0	0.1	1.82	-10	570	0.75	0.12	0.48	0.38	9.6	28	17.8	3.37	5.6	-0.1	0.17	0.06	10	0.36	520	0.8
VR83007A		2	4.6	0	0.04	1.8	-10	540	0.55	0.12	0.45	0.18	9.6	33	17.8	2.53	5.4	-0.1	0.1	0.05	10	0.5	475	0.6
VR83008A		-1	3.6	0	0.02	1.63	-10	550	0.7	0.08	1.2	0.1	10	18	13.8	3.31	6.7	-0.1	0.05	0.03	10	0.61	450	1
VR83009A		2	5.8	0	0.06	1.75	-10	610	0.95	0.11	0.93	0.14	12.6	21	19.6	3.66	6.7	-0.1	0.05	0.04	20	0.54	755	1.2
VR83010A		-1	6.8	0	0.16	2.23	-10	300	0.7	0.11	1.02	0.12	14	23	21	3.86	9	-0.1	0.07	0.04	10	0.87	510	1

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR82738A	0.01	18	990	30	0.08	3.2	1	15	0.3	0.06	1.14	0.8	51	0.3	66	T	VR82739A
VR82739A	0.01	17	980	34	0.08	3	1	15	0.3	0.05	1.14	0.75	50	0.35	64	T	VR82738A
VR82740A	0.01	43	410	10	0.03	0.4	7	24	0.05	0.06	0.08	1.25	63	0.3	68	F	
VR82741A	0.01	35	480	10	0.04	0.4	6	24	0.05	0.06	0.08	0.95	65	0.2	68	F	
VR82742A	0.01	64	1050	20	0.01	0.7	11	16	0.05	0.05	0.28	0.7	159	0.3	180	F	
VR82743A	0.01	37	490	16	0.03	0.6	5	20	0.05	0.06	0.18	1.1	59	0.85	120	F	
VR82744A	-0.01	58	550	18	0.02	0.5	7	23	0.05	0.06	0.14	0.95	69	0.45	112	F	
VR82745A	0.01	48	740	12	0.09	0.4	5	23	0.1	0.06	0.14	1.75	66	0.3	184	F	
VR82746A	-0.01	52	650	12	0.06	0.5	5	20	0.1	0.04	0.16	1.65	57	0.4	178	F	
VR82747A	0.01	52	430	10	0.03	0.4	6	17	0.05	0.08	0.14	1.05	70	0.15	96	F	
VR82748A	-0.01	40	620	18	0.05	0.6	4	17	0.1	0.04	0.12	1.45	52	0.1	136	F	
VR82749A	0.01	33	550	16	0.01	0.5	4	20	0.05	0.05	0.12	1.15	57	0.15	122	F	
VR82750A	0.01	34	490	20	-0.01	0.5	4	25	0.05	0.06	0.08	1.1	51	0.15	132	F	
VR82759A	0.01	8	350	20	0.01	3.6	1	13	0	0.04	0.04	0.75	41	0.3	40	F	
VR83001A	0.01	14	510	22	0.02	0.5	7	47	-0.05	0.04	0.12	1.1	46	1.5	112	F	
VR83002A	0.01	14	450	22	0.01	0.4	6	36	-0.05	0.04	0.04	1.1	49	0.95	96	F	
VR83003A	0.01	12	640	22	0.02	0.3	6	41	-0.05	0.04	0.06	1.05	48	1.1	110	F	
VR83004A	0.01	13	560	26	-0.01	0.4	9	29	-0.05	0.04	0.1	0.65	64	1.65	110	F	
VR83005A	0.01	17	150	20	-0.01	0.6	4	16	-0.05	0.07	0.1	0.6	66	0.4	80	F	
VR83006A	0.01	15	890	20	0.01	0.5	8	28	0.05	0.05	0.26	0.85	71	1.95	130	F	
VR83007A	0.01	13	540	24	-0.01	0.4	7	38	-0.05	0.05	0.1	1.1	52	0.4	94	F	
VR83008A	0.02	7	1150	6	0.04	0.2	9	124	0.05	0.02	0.06	0.65	79	0.3	64	F	
VR83009A	0.01	13	1050	6	0.03	0.3	10	63	-0.05	0.03	0.08	0.95	76	0.45	60	F	
VR83010A	0.03	12	860	14	0.03	0.4	10	69	-0.05	0.12	0.04	1.25	97	0.6	64	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR83011A	Sixty Mile	SL	FA	19990604	GOOD	GOOD QUALITY SAMPLE.	7	509537	7097539	NAD 27	A9919803
VR83012A	Sixty Mile	SL	FA	19990604	POOR	POOR QUALITY SAMPLE. B HORIZON IS OVERTOP HUMUS.	7	509420	7097465	NAD 27	A9919803
VR83013A	Sixty Mile	SL	FA	19990604	MOD	MODERATE QUALITY SAMPLE TAKEN AT THE A/B CONTACT WITHIN FROZEN GROUND.	7	509229	7097446	NAD 27	A9919803
VR83014A	Sixty Mile	SL	FA	19990604	MOD	MODERATE QUALITY SAMPLE TAKEN FROM FROZEN GROUND. SAMPLE CONTAINS BROWN WEATHERING ANDESITE FRAGMENTS.	7	509178	7097516	NAD 27	A9919803
VR83015A	Sixty Mile	SL	FA	19990604	GOOD	GOOD QUALITY SAMPLE CONTAINING OXIDIZED ANDESITE FRAGMENTS. GROUND BECOMES FROZEN AT 30 cm DEPTH.	7	509063	7097569	NAD 27	A9919803
VR83016A	Sixty Mile	SL	FA	19990604	GOOD	GOOD QUALITY SAMPLE WITH ANDESITE AND ROUNDED QTZ PEBBLES.	7	508934	7097643	NAD 27	A9919803
VR83017A	Sixty Mile	SL	FA	19990604	POOR	POOR QUALITY SAMPLE. GROUND BECOMES FROZEN AT 25 cm. TAKEN ~ 310 m FROM LAST SAMPLE SITE. GROUND IS FROZEN IN BETWEEN THESE TWO SAMPLE SITES.	7	508753	7097890	NAD 27	A9919803
VR83018A	Sixty Mile	SL	FA	19990604	GOOD	GOOD QUALITY SAMPLE TAKEN ON THE EASTERN EDGE OF WY GULCH.	7	508693	7098053	NAD 27	A9919803
VR83019A	Sixty Mile	SL	FA	19990604	GOOD	GOOD QUALITY SAMPLE TAKEN ON THE WESTERN SIDE OF WY GULCH. NEW ROCK TYPE. INTO PALEOZOIC SCHISTS.	7	508629	7097958	NAD 27	A9919803
VR83020A	Sixty Mile	SL	FA	19990605	GOOD	GOOD QUALITY SAMPLE TAKEN FROM A STRIPPED AREA ON THE SOUTH SIDE OF MILLER CREEK. TAKEN AT THE START OF THE 1998 AS-AU ANOMALY.	7	505967	7098316	NAD 27	A9919803
VR83021A	Sixty Mile	SL	FA	19990605	GOOD	GOOD SAMPLE TAKEN FROM A STRIPPED AREA.	7	506048	7098329	NAD 27	A9919803
VR83022A	Sixty Mile	SL	FA	19990605	GOOD	GOOD SAMPLE CONTAINING LOTS OF SCHIST CHIPS. SAMPLE IS TAKEN FROM A STRIPPED AREA ABOVE A MINED BENCH.	7	506160	7098251	NAD 27	A9919803
VR83023A	Sixty Mile	SL	FA	19990605	MOD	MODERATE SAMPLE QUALITY. LOTS OF ROCK CHIPS. TAKEN ON STEEP STRIPPED SLOPE WITH WATER FLOWING BENEATH THE SURFACE (PERMAFROST RUN OFF). SAMPLE MAY HAVE BEEN TRANSPORTED DOWN SLOPE. SLOPE IS PERPENDICULAR TO THE VALLEY. 90 m NORTHWEST OF 1998 VR57677.	7	506228	7098154	NAD 27	A9919803
VR83024A	Sixty Mile	SL	FA	19990605	MOD	MODERATE QUALITY SAMPLE. SAMPLE IS VERY WET. A LOT OF ORGANICS STILL AT DEPTH. ROCK SAMPLE AND STATION ALSO AT THIS POINT.	7	506287	7098103	NAD 27	A9919803
VR83025A	Sixty Mile	SL	FA	19990605	MOD	VERY WET MODERATE QUALITY SAMPLE. A LOT OF ORGANICS ARE STILL AT DEPTH. ROCK SAMPLE AND STATION ALSO AT THIS LOCATION. DUPLICATE SAMPLE.	7	506287	7098103	NAD 27	A9919803
VR83026A	Sixty Mile	SL	FA	19990605	GOOD	GOOD QUALITY SAMPLE TAKEN FROM A BROWNISH GREY MICACEOUS SOIL. SCHIST PROTOLITH. TAKEN 100 m SE OF 1998 SAMPLE VR57677.	7	506454	7098052	NAD 27	A9919803

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR83011A		-1	4.2	0	0.02	1.59	-10	530	0.6	0.08	0.9	0.06	8.8	21	15	3.11	5.9	-0.1	0.16	0.04	10	0.43	380	1
VR83012A		2	3.8	0	0.08	2.82	-10	370	1	0.07	1.17	0.06	14.2	27	21.6	4.33	11	0.1	0.05	0.05	20	1.26	575	1.2
VR83013A		-1	4.6	0	0.04	2.38	-10	260	0.55	0.09	1.02	0.06	14.2	53	17.2	3.36	8.6	-0.1	0.05	0.04	10	1.07	645	0.6
VR83014A		-1	5	0	0.06	2.39	-10	350	0.85	0.1	0.8	0.08	12.6	38	23.2	3.3	8.7	-0.1	0.04	0.04	10	0.84	645	0.8
VR83015A		2	5.4	0	0.02	2.11	-10	520	0.9	0.13	0.85	0.06	9.6	18	22.2	2.77	6.3	-0.1	0.05	0.06	10	0.53	480	0.8
VR83016A		3	6.6	0	0.02	1.62	-10	370	0.6	0.18	0.47	0.08	8.4	23	20	2.41	4.8	-0.1	0.03	0.06	10	0.42	340	0.6
VR83017A		2	6	0	-0.02	1.61	-10	390	0.7	0.13	0.69	0.06	10.6	25	14.4	3.22	6.7	-0.1	0.07	0.06	10	0.54	470	1.2
VR83018A		-1	4.8	0	-0.02	2.37	-10	380	0.55	0.12	0.47	0.08	14.2	49	14.2	3.44	8	-0.1	0.01	0.15	-10	0.93	455	0.8
VR83019A		3	14.4	0	-0.02	2.65	-10	210	0.55	0.11	0.18	0.08	10.6	19	17.6	4.08	11.6	-0.1	0.06	0.1	10	0.75	575	0.8
VR83020A		10	139.5	0	0.26	1.28	-10	140	0.25	0.15	0.18	0.26	12.4	24	27.2	2.59	3.9	-0.1	0.01	0.04	10	0.31	730	1.4
VR83021A		16	337	0	0.32	1.12	-10	200	0.3	0.21	0.18	0.32	8.2	24	43.6	3.22	3.9	-0.1	0.04	0.04	10	0.26	245	3.2
VR83022A		33	217	0	0.36	1.26	-10	110	0.15	0.19	0.11	0.12	4.8	22	21.8	2.69	4.4	-0.1	0.06	0.04	-10	0.26	100	2
VR83023A		14	222	0	0.38	1.23	-10	110	0.2	0.18	0.13	0.2	6.8	24	30.4	2.99	4.1	-0.1	0.07	0.04	-10	0.3	140	2.8
VR83024A		55	322	0	0.82	1.14	-10	240	0.35	0.24	0.38	0.34	13	27	61.2	3.5	4	-0.1	0.12	0.07	10	0.34	665	4.4
VR83025A		29	371	0	0.86	1.12	-10	230	0.3	0.25	0.39	0.36	13.2	26	66.9	3.69	4	-0.1	0.12	0.07	10	0.33	785	4.8
VR83026A		110	420	0	1.02	0.86	-10	200	0.15	0.34	0.1	0.28	4	19	33.6	2.81	2.8	-0.1	0.09	0.07	-10	0.19	90	6.8

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR83011A	0.01	9	1030	6	0.03	0.3	8	52	-0.05	0.03	0.14	0.75	67	1.55	56	F	
VR83012A	0.04	11	1180	6	0.03	0.3	14	89	-0.05	0.21	0.04	1.4	120	0.1	64	F	
VR83013A	0.03	14	880	4	0.03	0.2	10	77	-0.05	0.14	0.04	0.8	85	0.1	56	F	
VR83014A	0.03	14	800	8	0.01	0.3	10	77	-0.05	0.11	0.08	1.15	85	0.05	56	F	
VR83015A	0.03	12	530	6	0.02	0.3	9	69	-0.05	0.02	0.08	1.15	60	-0.05	42	F	
VR83016A	0.01	13	450	8	0.01	0.3	6	43	-0.05	0.04	0.08	0.9	49	-0.05	44	F	
VR83017A	0.01	10	910	6	0.03	0.5	8	59	0.05	0.03	0.06	0.85	72	0.1	50	F	
VR83018A	0.02	16	500	6	-0.01	0.5	7	45	-0.05	0.09	0.1	0.6	72	-0.05	58	F	
VR83019A	0.01	11	430	10	-0.01	2.4	5	19	-0.05	0.05	0.08	0.65	67	-0.05	88	F	
VR83020A	0.01	16	570	24	-0.01	1.7	3	19	-0.05	0.06	0.06	0.95	39	1	72	F	
VR83021A	0.01	18	660	32	0.01	2.6	3	24	0.05	0.05	0.1	1.55	41	0.8	90	F	
VR83022A	0.01	12	590	44	0.03	2.6	1	14	0.05	0.04	0.08	0.85	41	1.4	52	F	
VR83023A	0.01	18	660	24	0.01	3.6	2	15	0.05	0.05	0.1	1.15	42	0.5	74	F	
VR83024A	0.03	22	1010	24	0.02	5.7	5	37	0.1	0.07	0.26	2.3	46	0.5	76	T	VR83025A
VR83025A	0.03	25	1110	24	0.02	5.7	5	36	0.1	0.07	0.24	2.6	46	0.45	80	T	VR83024A
VR83026A	0.01	12	770	46	0.1	4.6	2	24	0.15	0.03	0.32	1.4	38	1.1	52	T	VR83027A

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR83027A	Sixty Mile	SL	FA	19990605	GOOD	GOOD QUALITY SAMPLE TAKEN FROM BROWNISH GREY MICACEOUS SOIL. SCHIST PROTOLITH? TAKE 100 m SE OF 1998 SAMPLE VR57677. DUPLICATE SAMPLE.	7	506454	7098052	NAD 27	A9919803
VR83028A	Sixty Mile	SL	FA	19990605	MOD	MODERATE QUALITY SAMPLE TAKEN ALONG A CAT TRAIL THAT HAS BEEN STRIPPED OF MOSS.	7	506532	7097990	NAD 27	A9919803
VR83029A	Sixty Mile	SL	FA	19990605	GOOD	GOOD QUALITY SAMPLE TAKEN AT THE END OF THE CAT TRAIL. STEPPED VEINLETS, SHEETED 2-4 mm WIDE CUTTING QZT FLOAT; ~ 20/m.	7	506602	7097890	NAD 27	A9919803
VR83030A	Sixty Mile	SL	FA	19990613	GOOD	DARK GREY GRAPHITIC SHALES WITH THIN QUARTZITE INTERBEDS. GOOD SOIL BELOW MOSS, POORLY DEVELOPED.	7	501855	7099824	NAD 27	A9920797
VR83031A	Sixty Mile	SL	FA	19990613	GOOD	GOOD QUALITY SOIL. GRAPHITIC SCHISTS.	7	501924	7100020	NAD 27	A9920797
VR83032A	Sixty Mile	SL	FA	19990613	GOOD	GOOD QUALITY SAMPLE. DIFFERENT COLOR.	7	501961	7100215	NAD 27	A9920797
VR83033A	Sixty Mile	SL	FA	19990613	GOOD	GOOD SOIL WITH LOTS OF ROOT HAIRS. ROCK TYPE IS A MUSCOVITE-QTZ LAMINATED SCHIST. FELSIC META-TUFF PARENT?	7	502133	7100374	NAD 27	A9920797
VR83034A	Sixty Mile	SL	FA	19990613	GOOD	QUARTZITE > VOLCANIC > BULL QUARTZ.	7	502287	7100505	NAD 27	A9920797
VR83035A	Sixty Mile	SL	FA	19990613	GOOD	GRAPHITIC SCHIST AND QUARTZITE. POORLY DEVELOPED BUT GOOD SAMPLE.	7	502504	7100527	NAD 27	A9920797
VR83036A	Sixty Mile	SL	FA	19990613	GOOD	GOOD SOIL TAKEN AT MADRONA SITE 12 N 225+50 W. GRAPHITIC QUARTZ SCHISTS.	7	502733	7100469	NAD 27	A9920797
VR83037A	Sixty Mile	SL	FA	19990613	GOOD	GOOD QUALITY SAMPLE. GREY QUARTZITE. WEAK SILICIFICATION/STOCKWORKING. NEAR MADRONA SOIL 1350 N L 22 E.	7	502878	7100638	NAD 27	A9920797
VR83038A	Sixty Mile	SL	FA	19990613	GOOD	GOOD SOIL. QUARTZITE.	7	503031	7100602	NAD 27	A9920797
VR83039A	Sixty Mile	SL	FA	19990613	POOR	FAIR TO POOR SAMPLE. FLUFFY SOIL, LOESS?	7	503241	7100682	NAD 27	A9920797
VR83040A	Sixty Mile	SL	FA	19990613	MOD	FAIR SAMPLE. META-VOLCANIC.	7	503426	7100668	NAD 27	A9920797
VR83041A	Sixty Mile	SL	FA	19990613	GOOD	GOOD SAMPLE. QUARTZITE/PHYLLITE BEDROCK.	7	503628	7100601	NAD 27	A9920797
VR83042A	Sixty Mile	SL	FA	19990613	GOOD	GOOD SOIL POOR DEVELOPMENT. QUARTZITE BEDROCK.	7	503808	7100553	NAD 27	A9920797
VR83043A	Sixty Mile	SL	FA	19990613	GOOD	GOOD SAMPLE. QUARTZITE BEDROCK.	7	504063	7100517	NAD 27	A9920797
VR83044A	Sixty Mile	SL	FA	19990613	GOOD	GOOD SOIL. CARBANACEOUS WELL FOLIATED DIRTY QUARTZITE BEDROCK.	7	504278	7100492	NAD 27	A9920797
VR83045A	Sixty Mile	SL	FA	19990613	GOOD	GOOD SAMPLE. QUARTZ - GRAPHITE - MUSCOVITE SCHIST. NEAR MADRONA 12 N 208 W SOIL STATION. (PLOTS IN DIFFERENT PLACE ON MADRONA MAP).	7	504483	7100461	NAD 27	A9920797
VR83046A	Sixty Mile	SL	FA	19990613	GOOD	GOOD SOIL. BLACK QUARTZITE AND QUARTZ SCHIST BEDROCK.	7	504700	7100418	NAD 27	A9920797
VR83047A	Sixty Mile	SL	FA	19990613		TAKEN FROM DIGGINGS BY OLD TIMERS ATOP RIDGE. RUSTY OUT-CROP OF SCHIST/PHYLLITE WITH QTZ LENSES. OXIDE STRONGEST COATING FRACTURES.	7	504842	7100360	NAD 27	A9920797
VR83048A	Sixty Mile	SL	FA	19990613	GOOD	GOOD SOIL SAMPLE. GREY QZT BEDROCK.	7	505046	7100347	NAD 27	A9920797
VR83049A	Sixty Mile	SL	FA	19990613	GOOD	GOOD QUALITY SAMPLE. QTZ SCHIST.	7	505264	7100424	NAD 27	A9920797

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR83027A		95	385	0	0.84	0.93	-10	180	0.15	0.34	0.1	0.28	4.2	20	34.4	2.92	3.1	-0.1	0.08	0.06	-10	0.2	85	6.4
VR83028A		48	442	0	0.54	1.38	-10	240	0.3	0.24	0.47	0.64	12.2	27	61.6	3.79	4.4	-0.1	0.09	0.06	10	0.43	535	2.8
VR83029A		20	314	0	0.64	1.4	-10	250	0.35	0.27	0.4	0.82	16.8	28	71.1	4.24	4.3	-0.1	0.08	0.05	10	0.38	1415	2.8
VR83030A		-1	63.6	0	0.22	1.47	-10	160	0.3	0.17	0.22	0.42	11.8	37	46.2	3.21	4	-0.1	0.05	0.04	10	0.43	780	1.4
VR83031A		2	10.4	0	0.08	1.22	-10	80	0.2	0.24	0.07	0.2	4.6	27	18.8	2.66	5	-0.1	0.08	0.05	-10	0.18	340	1.4
VR83032A		4	10.6	0	0.08	1.48	-10	80	0.25	0.22	0.07	0.16	4.4	29	16.2	2.67	6.4	-0.1	0.05	0.04	-10	0.21	215	1.4
VR83033A		5	38.4	0	1.04	1.12	-10	300	0.25	0.21	0.12	0.32	11.2	31	36	2.78	3.3	-0.1	0.09	0.05	-10	0.28	325	2
VR83034A		3	60.2	0	0.52	1.61	-10	140	0.25	0.2	0.08	0.48	11.6	40	31	3.22	4.4	-0.1	0.12	0.06	-10	0.37	690	2.8
VR83035A		4	24.2	0	0.1	2.47	-10	120	0.4	0.23	0.1	0.2	9.6	37	21	3.38	6.4	-0.1	0.09	0.05	10	0.47	315	1.4
VR83036A		6	34.4	0	0.4	1.39	-10	80	0.3	0.22	0.08	0.28	5.6	27	24	2.78	4.4	-0.1	0.05	0.04	-10	0.26	200	1.6
VR83037A		-1	25.6	0	0.3	1.7	-10	120	0.3	0.2	0.09	0.1	6.2	32	35.6	3.02	4.5	-0.1	0.05	0.05	10	0.33	120	2.4
VR83038A		16	29.8	0	0.14	1.71	-10	120	0.5	0.15	0.06	0.32	26	198	48.4	4.9	4.9	0.1	0.06	0.06	10	0.92	1095	1.4
VR83039A		5	87	0	0.3	2.24	-10	120	0.35	0.18	0.14	0.38	10.4	37	48	3.07	4.7	-0.1	0.07	0.05	-10	0.48	490	1.2
VR83040A		3	66.8	0	0.12	2.09	-10	120	0.35	0.19	0.1	0.3	11	35	28.8	3.19	5.7	-0.1	0.06	0.06	-10	0.48	495	1.4
VR83041A		-1	23.2	0	0.14	1.74	-10	100	0.3	0.19	0.06	0.26	17.4	135	28.2	3.29	4.8	-0.1	0.04	0.05	-10	0.58	560	1.4
VR83042A		2	10.8	0	0.3	2.51	-10	110	0.45	0.17	0.09	0.24	10.6	38	22.6	3.14	5	-0.1	0.07	0.06	-10	0.53	310	1.6
VR83043A		6	11.2	0	0.12	2.5	-10	140	0.4	0.17	0.11	0.38	12.6	37	33	3.11	5.2	-0.1	0.05	0.05	-10	0.55	655	1.2
VR83044A		34	18	0	0.28	2.18	-10	80	0.4	0.19	0.07	0.38	17.4	35	42.6	3.87	4.3	-0.1	0.07	0.05	10	0.37	760	1.4
VR83045A		7	27.6	0	0.44	2.1	-10	120	0.35	0.21	0.08	0.62	12.6	35	42.4	3.45	5.1	-0.1	0.08	0.06	10	0.41	905	1.8
VR83046A		13	25.2	0	0.26	1.83	-10	150	0.35	0.21	0.09	0.12	5.8	33	42	2.79	4.5	-0.1	0.05	0.04	10	0.39	150	2.2
VR83047A		12	155.5	0	0.36	0.86	-10	50	0.25	0.36	0.01	0.12	4.2	18	49.2	4.72	3	-0.1	0.04	0.04	10	0.11	160	4
VR83048A		6	29	0	0.18	1.89	-10	120	0.3	0.23	0.07	0.66	7.6	27	19	2.92	6.8	-0.1	0.04	0.04	-10	0.29	265	1.6
VR83049A		11	22.6	0	0.36	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

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR83027A	0.01	12	740	46	0.09	4.2	2	23	0.15	0.03	0.28	1.4	41	1.1	52	T	VR83026A
VR83028A	0.02	25	900	22	0.04	3.4	4	33	0.15	0.05	0.22	2.4	46	0.35	114	F	
VR83029A	0.01	32	780	22	0.04	3.3	4	30	0.1	0.04	0.18	2.9	46	0.6	134	F	
VR83030A	0.01	41	820	8	0.01	0.9	4	19	-0.05	0.06	0.1	1.3	50	0.25	118	F	
VR83031A	0.01	12	450	12	0.04	0.9	1	10	0.05	0.06	0.08	0.6	56	0.2	48	F	
VR83032A	0.01	13	310	8	0.02	0.7	1	10	0.05	0.07	0.08	0.55	62	0.25	58	F	
VR83033A	-0.01	23	560	16	-0.01	2.5	3	17	0.05	0.05	0.42	1.35	42	0.25	88	F	
VR83034A	0.01	27	880	10	0.05	0.8	1	15	0.05	0.04	0.24	1.5	47	0.25	88	F	
VR83035A	0.01	20	370	10	0.01	0.7	4	14	0.05	0.09	0.1	0.9	67	0.25	60	F	
VR83036A	0.01	16	470	50	0.03	0.7	1	11	0.05	0.06	0.08	0.75	46	0.25	50	F	
VR83037A	0.01	19	410	22	0.01	2	3	13	0.05	0.05	0.1	1	49	1.05	48	F	
VR83038A	-0.01	172	610	8	0.01	1.5	10	8	0.05	0.01	0.12	1	91	0.15	104	F	
VR83039A	0.01	32	640	44	0.03	0.6	3	17	0.05	0.06	0.08	1.35	50	0.2	70	F	
VR83040A	0.01	26	410	8	0.03	0.5	2	12	-0.05	0.06	0.08	0.7	57	0.2	90	F	
VR83041A	0.01	134	450	8	0.05	0.4	2	10	0.05	0.04	0.08	0.7	46	0.15	56	F	
VR83042A	0.01	25	460	12	0.02	0.6	3	12	-0.05	0.06	0.08	0.95	54	0.2	66	F	
VR83043A	0.01	32	450	10	0.01	0.5	3	14	-0.05	0.06	0.08	0.85	55	0.25	70	F	
VR83044A	0.01	47	490	6	0.02	0.8	3	10	0.05	0.05	0.16	1	47	0.2	114	F	
VR83045A	0.01	37	550	12	0.02	1	3	12	0.05	0.06	0.12	1.6	54	0.25	118	F	
VR83046A	0.01	17	350	14	0.01	0.9	4	13	0.05	0.05	0.08	2.2	50	0.2	52	F	
VR83047A	0.01	25	1130	22	0.04	1.6	1	8	0.2	-0.01	0.22	2.35	30	0.2	170	F	
VR83048A	0.01	18	230	10	0.01	0.6	2	11	-0.05	0.07	0.1	0.55	68	0.2	56	F	
VR83049A	0.01	33	730	14	0.03	1	3	15	0.05	0.05	0.12	1.5	52	0.25	168	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR83050A	Sixty Mile	SL	FA	19990613	POOR	POOR SAMPLE QUALITY. SAMPLE CONTAINS ABUDANT COLLUVIUM. GREY QTZ RICH SCHIST.	7	505363	7100594	NAD 27	A9920797
VR83051A	Sixty Mile	SL	FA	19990615	MOD	MODERATE QUALITY SAMPLE. NO FINE MATERIAL. STRONLY WEATHERED ANDESITE.	7	511837	7099327	NAD 27	A9920800
VR83052A	Sixty Mile	SL	FA	19990615	MOD	MODERATE QUALITY SAMPLE. BARELY THAWED. CONTAINS LOTS OF ORGANIC MATERIAL.	7	511627	7099264	NAD 27	A9920800
VR83053A	Sixty Mile	SL	FA	19990615	GOOD	GOOD SAMPLE THROUGH COLLUVIUM. POSSIBLY TUFFACEOUS BEDROCK OR DACITIC FLOW.	7	511408	7099191	NAD 27	A9920800
VR83054A	Sixty Mile	SL	FA	19990615	GOOD	GOOD QUALITY SAMPLE.	7	511248	7099091	NAD 27	A9920800
VR83055A	Sixty Mile	SL	FA	19990615	GOOD	GOOD QUALITY DAMPLE. DACITIC ROCK TYPES.	7	511100	7098943	NAD 27	A9920800
VR83056A	Sixty Mile	SL	FA	19990615	GOOD	GOOD SAMPLE. SAMPLE HOLE FROZEN AT 20 cm.	7	511021	7098773	NAD 27	A9920800
VR83057A	Sixty Mile	SL	FA	19990615	GOOD	GOOD QUALITY SAMPLE.	7	510940	7098585	NAD 27	A9920800
VR83058A	Sixty Mile	SL	FA	19990618	GOOD	GOOD QUALITY SAMPLE. WHITE QTZ-MUSCOVITE SCHIST, METASEDIMENTS, AND PALE GREY PHYLLITES.	7	504108	7102761	NAD 27	A9921166
VR83059A	Sixty Mile	SL	FA	19990618	MOD	MODERATE SAMPLE. DARK GREY QZT TALUS. SAMPLE MAY HAVE SOME A HORIZON MIXED IN WITH IT.	7	504145	7102963	NAD 27	A9921166
VR83060A	Sixty Mile	SL	FA	19990618	GOOD	GOOD QUALITY SAMPLE WITH A POORLY DEVELOPED B HORIZON. SOME C HORIZON MAY BE IN SAMPLE. BIOTITE-MUSCOVITE-QTZ SCHIST.	7	504248	7103173	NAD 27	A9921166
VR83061A	Sixty Mile	SL	FA	19990618	GOOD	GOOD QUALITY SAMPLE. QTZ-MICA SCHIST. FELSIC METAVOLCANIC HORIZONS?	7	504262	7103366	NAD 27	A9921166
VR83062A	Sixty Mile	SL	FA	19990618	POOR	POOR SAMPLE QUALITY. NO SOIL. SAMPLE IS FROM THE C HORIZON BUT CONTAINS A HORIZON AND ORGANICS. QTZ-FELDAPAR-BIOTITE PHYLLITE.	7	504301	7103609	NAD 27	A9921166
VR83063A	Sixty Mile	SL	FA	19990618	GOOD	GOOD QUALITY SAMPLE.	7	504339	7103800	NAD 27	A9921166
VR83064A	Sixty Mile	SL	FA	19990618	GOOD	LARGE TALUS FIELD, NO SOIL. VOLCANIC ASH LAYER PRESENT. GOOD B HORIZON. BROWN AND GREY QZT.	7	504401	7104024	NAD 27	A9921166
VR83065A	Sixty Mile	SL	FA	19990618	GOOD	GOOD QUALITY SAMPLE. TAKEN ON WEST SIDE OF TRIBUTARY. BLACK SCHIST.	7	504147	7104119	NAD 27	A9921166
VR83066A	Sixty Mile	SL	FA	19990618	GOOD	GOOD CLAY RICH SOIL. FROZEN AT DEPTH.	7	503979	7104192	NAD 27	A9921166
VR83067A	Sixty Mile	SL	FA	19990618	GOOD	GOOD QUALITY SAMPLE. MICACEOUS FOLIATED QUARTZITES TAN TO GREY.	7	503808	7104126	NAD 27	A9921166
VR83068A	Sixty Mile	SL	FA	19990618	GOOD	GOOD SAMPLE QUALITY.	7	503645	7104025	NAD 27	A9921166
VR83069A	Sixty Mile	SL	FA	19990618	GOOD	GOOD QUALITY SAMPLE. QTZ MICA SCHIST BEDROCK.	7	503497	7103891	NAD 27	A9921166
VR83070A	Sixty Mile	SL	FA	19990618	GOOD	GOOD QUALITY SAMPLE TAKEN ABOVE SUBCROP OF GREY QZT. SAMPLE TAKEN 40 m SOUTH OF FA-63.	7	503425	7103725	NAD 27	A9921166
VR83071A	Sixty Mile	SL	FA	19990618	MOD	MODERATE QUALITY SAMPLE CONTAINING BOTH A AND C HORIZONS. BIOTITE-QTZ SCHIST.	7	503294	7103539	NAD 27	A9921166
VR83072A	Sixty Mile	SL	FA	19990618	GOOD	GOOD QUALITY SAMPLE. IN QZT BEDROCK?	7	503176	7103342	NAD 27	A9921166
VR83073A	Sixty Mile	SL	FA	19990618	GOOD	GOOD QUALITY SAMPLE IN QZT BEDROCK. DUPLICATE SAMPLE.	7	503176	7103343	NAD 27	A9921166

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR83050A		7	17.4	0	0.28	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
VR83051A		-1	2.8	0	0.02	1.77	-10	460	1.7	0.05	0.25	0.14	5.8	22	9.6	2.9	4.6	-0.1	0.03	0.09	10	0.22	880	1.2
VR83052A		3	4.2	0	0.12	1.98	-10	870	0.95	0.12	0.58	0.08	6.2	29	20.2	2.36	4.3	-0.1	0.05	0.07	10	0.39	285	0.6
VR83053A		-1	7.4	0	0.04	2.54	-10	440	0.8	0.13	0.35	0.04	7.4	34	13	2.84	5.7	-0.1	0.03	0.05	10	0.51	375	0.8
VR83054A		2	9	0	0.02	2.75	-10	280	0.55	0.15	0.12	0.08	8.4	39	14.6	3.2	5.5	-0.1	0.01	0.05	-10	0.5	260	1
VR83055A		2	4.4	0	0.06	1.75	-10	360	1.65	0.11	0.32	0.18	7.8	27	14.2	3.47	3.9	-0.1	0.01	0.05	10	0.34	895	0.8
VR83056A		-1	6.2	0	0.02	2.02	-10	310	0.6	0.12	0.28	0.1	10.2	28	9.4	2.99	5.8	-0.1	0.01	0.04	-10	0.38	590	1
VR83057A		-1	3.2	0	0.06	1.57	-10	420	0.5	0.15	0.31	0.06	4.8	29	20.2	1.83	3.7	-0.1	0.04	0.03	10	0.37	175	0.6
VR83058A		185	29.4	0	0.14	1.82	-10	90	0.35	0.23	0.06	0.18	8.4	34	41.8	3.6	5.5	-0.1	0.06	0.04	-10	0.3	245	2.4
VR83059A		12	25.2	0	0.82	1.19	-10	60	0.35	0.41	0.1	0.5	25	33	58.6	4.21	3.8	-0.1	0.06	0.06	10	0.29	1240	3.8
VR83060A		3	13.6	0	0.22	2.43	-10	110	0.5	0.22	0.08	0.48	12.8	42	32.8	3.62	5.8	-0.1	0.08	0.07	10	0.48	705	2
VR83061A		6	12.6	0	1.62	1.86	-10	180	0.55	0.18	0.2	0.5	14.8	79	44.2	4.11	5.4	0.1	0.05	0.08	10	0.84	845	2.2
VR83062A		4	9.2	0	0.34	1.56	-10	130	0.4	0.18	0.12	0.24	11.2	42	42.6	2.74	5.3	-0.1	0.04	0.07	10	0.53	840	1.8
VR83063A		-1	4	0	0.16	1.56	-10	80	0.3	0.69	0.04	0.06	3.6	21	31.4	3.06	7.2	-0.1	0.03	0.09	10	0.3	245	5.2
VR83064A		2	11.6	0	0.46	4.16	-10	490	1.1	0.27	0.25	0.44	21	94	46.4	4.5	10.3	0.1	0.04	0.35	30	1.52	1245	2.4
VR83065A		2	18.6	0	0.56	1.62	-10	240	0.4	0.2	0.16	0.5	11.2	51	52.2	3.52	6.4	-0.1	0.03	0.11	10	0.71	625	3.8
VR83066A		4	6.6	0	0.46	1.92	-10	270	0.4	0.22	0.22	0.4	11.4	51	35.6	2.76	5.7	-0.1	0.08	0.05	10	0.68	290	1.2
VR83067A		5	12.4	0	0.32	2.67	-10	160	0.6	0.26	0.16	0.36	17.2	62	42	3.83	7.2	-0.1	0.05	0.05	10	0.85	675	2
VR83068A		4	8.2	0	0.2	1.93	-10	180	0.4	0.19	0.18	0.24	9.8	49	35.8	3.12	5.5	-0.1	0.03	0.05	10	0.76	530	1.4
VR83069A		7	40.2	0	0.24	1.73	-10	80	0.25	0.24	0.07	0.14	6.4	64	26	3.4	8.8	-0.1	0.06	0.06	10	0.63	255	1.8
VR83070A		8	10.8	0	1.28	2.8	-10	110	0.7	0.21	0.08	0.28	15.6	82	44.2	4.21	6.6	-0.1	0.1	0.07	10	0.76	475	2
VR83071A		2	27.2	0	0.22	1.8	-10	70	0.3	0.22	0.06	0.26	8	37	25.2	3.27	6.9	-0.1	0.12	0.04	-10	0.29	450	1.8
VR83072A		3	23	0	0.38	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
VR83073A		5	22.6	0	0.54	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

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR83050A	0.01	21	470	12	0.03	0.6	1	13	0.05	0.05	0.1	0.95	57	0.2	84	F	
VR83051A	0.01	7	810	12	0.01	-0.1	4	20	-0.05	0.01	0.04	0.5	42	0.25	50	F	
VR83052A	0.02	14	560	6	0.01	0.2	6	51	-0.05	0.07	0.04	1.1	44	0.2	62	F	
VR83053A	0.01	16	410	8	-0.01	0.3	4	48	-0.05	0.06	0.06	0.6	57	0.25	54	F	
VR83054A	0.01	19	150	8	-0.01	0.4	4	20	-0.05	0.07	0.06	0.45	62	0.15	56	F	
VR83055A	0.01	13	630	12	-0.01	0.3	7	44	-0.05	0.05	0.06	0.75	50	0.3	88	F	
VR83056A	0.01	12	390	8	-0.01	0.1	4	30	-0.05	0.04	0.06	0.45	55	0.15	60	F	
VR83057A	0.02	12	380	6	-0.01	0.2	5	31	-0.05	0.09	0.08	1.2	41	0.15	46	F	
VR83058A	0.01	22	520	4	0.02	0.8	2	11	0.05	0.05	0.08	1.15	50	0.25	68	T	VR54839A
VR83059A	0.01	32	1380	36	0.06	1.2	1	15	0.1	0.02	0.1	3.2	41	0.25	140	F	
VR83060A	0.01	35	530	12	0.04	1.1	3	12	0.05	0.05	0.1	0.85	55	0.2	108	F	
VR83061A	0.01	59	830	8	0.03	0.9	4	16	-0.05	0.05	0.12	1.2	58	0.25	124	F	
VR83062A	0.01	30	510	6	0.02	0.4	2	13	-0.05	0.05	0.06	0.95	45	0.15	64	F	
VR83063A	0.01	10	500	16	0.07	0.3	1	16	0.1	0.04	0.14	1.45	64	0.15	38	F	
VR83064A	0.02	41	770	14	0.04	0.2	12	24	0.05	0.09	0.24	1.7	111	0.3	106	F	
VR83065A	0.01	31	610	4	0.1	1.1	3	23	0.05	0.06	0.1	1.45	82	0.35	130	F	
VR83066A	0.01	29	580	6	0.01	0.6	5	21	-0.05	0.06	0.1	1.15	54	0.2	86	F	
VR83067A	0.01	36	690	10	0.02	0.5	5	18	0.05	0.06	0.16	1.15	69	0.25	98	F	
VR83068A	0.01	28	490	4	-0.01	0.6	4	17	-0.05	0.07	0.1	1.1	53	0.2	76	F	
VR83069A	-0.01	24	320	12	0.01	0.6	2	10	0.05	0.07	0.12	0.7	87	0.2	72	F	
VR83070A	0.01	39	640	12	0.04	0.8	4	15	0.05	0.04	0.16	1.35	68	0.2	90	F	
VR83071A	0.01	18	450	10	0.04	0.6	1	10	0.05	0.06	0.1	0.65	57	0.2	66	F	
VR83072A	0.01	43	650	8	0.03	0.5	4	18	0.05	0.03	0.14	1.15	53	0.25	82	T	VR83073A
VR83073A	0.01	41	720	10	0.04	0.5	4	18	0.05	0.03	0.14	1.2	52	0.2	82	T	VR83072A

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR83074A	Sixty Mile	SL	FA	19990618		PORPHYRITIC ANDESITE BEDROCK. Card not filled out completely.	7	503116	7103249	NAD 27	A9921166
VR83075A	Sixty Mile	SL	FA	19990619		SAMPLE TAKEN ABOVE PLACER WORKINGS. TAKEN ABOVE SCHIST BEDROCK. SAMPLE CONTAINS QTZ PEBBLES AND GRAVEL.	7	503888	7095751	NAD 27	A9921625
VR83076A	Sixty Mile	SL	FA	19990619	GOOD	GOOD QUALITY SAMPLE TAKEN AROUND FROZEN GROUND.	7	503805	7095944	NAD 27	A9921625
VR83077A	Sixty Mile	SL	FA	19990619		THICK MOSS COVER.	7	503788	7096151	NAD 27	A9921625
VR83078A	Sixty Mile	SL	FA	19990619		THICK MOSS COVER. DUPLICATE SAMPLE.	7	503804	7096126	NAD 27	A9921625
VR83079A	Sixty Mile	SL	FA	19990619		QTZ-GRAPHITE SCHIST. SAMPLE TAKEN AT A CHANGE IN THE SLOPE?	7	503792	7096349	NAD 27	A9921625
VR83080A	Sixty Mile	SL	FA	19990619		SCHIST.	7	503849	7096557	NAD 27	A9921625
VR83081A	Sixty Mile	SL	FA	19990619	GOOD	GOOD QUALITY SAMPLE.	7	503836	7096764	NAD 27	A9921625
VR83082A	Sixty Mile	SL	FA	19990619		SAMPLE IS FROM B HORIZON BUT MAY EXTEND INTO THE C HORIZON. QTZ SCHIST.	7	503843	7096949	NAD 27	A9921625
VR83083A	Sixty Mile	SL	FA	19990619			7	503816	7097172	NAD 27	A9921625
VR83084A	Sixty Mile	SL	FA	19990619			7	503835	7097385	NAD 27	A9921625
VR83085A	Sixty Mile	SL	FA	19990619			7	503914	7097568	NAD 27	A9921625
VR83086A	Sixty Mile	SL	FA	19990619		VERY WET SAMPLE.	7	503945	7097745	NAD 27	A9921625
VR83087A	Sixty Mile	SL	FA	19990619		VERY WET SAMPLE.	7	504020	7097892	NAD 27	A9921625
VR83088A	Sixty Mile	SL	FA	19990619		SAMPLE TAKEN FROM TRANSITION AREA BETWEEN THE B AND C HORIZONS.	7	503981	7098108	NAD 27	A9921625
VR83089A	Sixty Mile	SL	FA	19990619		MICA SCHIST.	7	504477	7098833	NAD 27	A9921625
VR83090A	Sixty Mile	SL	FA	19990619		SCHIST.	7	504681	7098817	NAD 27	A9921625
VR83091A	Sixty Mile	SL	FA	19990619		SAMPLE TAKEN FROM TRANSITION BETWEEN B AND C HORIZONS.	7	504887	7098824	NAD 27	A9921625
VR83092A	Sixty Mile	SL	FA	19990619	POOR	POOR QUALITY SAMPLE.	7	505085	7098843	NAD 27	A9921625
VR83093A	Sixty Mile	SL	FA	19990619		SAMPLE TAKEN AT TRANSITION BETWEEN B AND C HORIZONS.	7	505234	7098791	NAD 27	A9921625
VR83094A	Sixty Mile	SL	FA	19990619	GOOD	GOOD QUALITY SAMPLE TAKEN FROM FROZEN GROUND.	7	505440	7098770	NAD 27	A9921625
VR83095A	Sixty Mile	SL	FA	19990619	MOD	MODERATE QUALITY SAMPLE TAKEN FROM FROZEN GROUND.	7	505560	7098699	NAD 27	A9921625
VR83096A	Sixty Mile	SL	FA	19990619	GOOD	MODERATE TO GOOD QUALITY SAMPLE TAKEN FROM FROZEN GROUND.	7	506979	7097525	NAD 27	A9921625
VR83097A	Sixty Mile	SL	FA	19990619		POSSIBLY SOME A HORIZON MIXED INTO SAMPLE.	7	507130	7097405	NAD 27	A9921625
VR83098A	Sixty Mile	SL	FA	19990619		VERY WET SAMPLE. FROST BOIL. MAY BE FROM B HORIZON BUT THIS IS UNLIKELY.	7	507329	7097325	NAD 27	A9921625
VR83099A	Sixty Mile	SL	FA	19990619		MINERAL RICH A HORIZON.	7	507510	7097251	NAD 27	A9921625
VR83100A	Sixty Mile	SL	KW	19990619		SAMPLE TAKEN FROM FROZEN GROUND. UNSURE AS TO WHETHER OR NOT SAMPLE BELONGS TO THE A OR B HORIZON.	7	507714	7097106	NAD 27	A9921625

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR83074A		2	9.8	0	0.1	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
VR83075A		3	25.8	0	0.1	2.15	-10	200	0.35	0.19	0.21	0.2	11.8	35	23.6	2.96	5	-0.1	0.03	0.04	-10	0.39	680	1.4
VR83076A		3	14.8	0	0.32	1.8	-10	400	0.4	0.2	0.45	0.18	8.6	35	37.2	2.93	4.7	-0.1	0.05	0.05	10	0.56	425	1.2
VR83077A		4	16.6	0	0.3	1.69	-10	420	0.45	0.21	0.5	0.34	12.4	35	43.8	3.07	4.6	-0.1	0.06	0.05	10	0.59	560	1.2
VR83078A		3	12.4	0	0.24	1.69	-10	410	0.4	0.15	0.5	0.24	10	35	35.2	3.04	3.6	-0.1	0.05	0.05	10	0.59	625	0.8
VR83079A		4	28.8	0	0.34	2.44	-10	140	0.35	0.28	0.06	0.24	12	35	41	4.16	6.8	-0.1	0.03	0.06	-10	0.45	690	2
VR83080A		20	29.2	0	0.32	2.42	-10	220	0.5	0.24	0.1	0.62	19.6	42	49	4.17	5.6	-0.1	0.05	0.06	-10	0.45	620	3
VR83081A		5	26.4	0	0.2	2.49	-10	420	0.6	0.26	0.16	0.38	15	39	43	3.76	6	-0.1	0.05	0.05	10	0.48	585	2.6
VR83082A		5	20.2	0	1.9	2.98	-10	160	0.45	0.24	0.08	0.8	12.8	46	40.6	3.87	7.2	-0.1	0.09	0.06	-10	0.54	265	2.8
VR83083A		2	117	0	1.1	3.45	-10	180	0.7	0.31	0.23	0.38	30.2	626	48.6	5.05	11.8	0.1	0.44	0.09	-10	3.74	855	29.4
VR83084A		7	74.8	0	0.12	1.94	-10	200	0.3	0.23	0.15	0.3	8.6	32	25.2	2.98	7.4	-0.1	0.04	0.04	10	0.43	275	1.6
VR83085A		2	125.5	0	0.32	2.73	-10	240	0.45	0.21	0.15	0.24	14.4	49	34.2	4.04	6.8	-0.1	0.05	0.05	-10	0.56	495	1.4
VR83086A		5	48.6	0	0.18	1.8	-10	150	0.35	0.16	0.16	0.18	9	36	30.4	2.78	5.2	-0.1	0.04	0.05	10	0.5	440	1
VR83087A		4	37.8	0	0.22	1.93	-10	160	0.4	0.22	0.16	0.28	12.8	47	29	3.74	6.6	-0.1	0.04	0.07	10	0.57	705	1.2
VR83088A		4	61.8	0	0.28	2.67	-10	170	0.5	0.22	0.13	0.42	16.2	47	41.6	3.93	6.6	-0.1	0.08	0.06	10	0.56	980	1.4
VR83089A		9	285	0	0.38	1.73	-10	170	0.3	0.21	0.14	0.56	12.6	34	42.8	3.51	5.7	-0.1	0.05	0.06	-10	0.44	565	2
VR83090A		7	58.4	0	0.2	2.02	-10	160	0.4	0.21	0.16	0.34	17.4	37	31.6	3.46	6.1	-0.1	0.03	0.06	10	0.51	960	2
VR83091A		2	57.2	0	0.2	2.46	-10	170	0.4	0.21	0.12	0.24	12.8	37	26.2	3.65	6.6	-0.1	0.04	0.04	-10	0.46	450	1.6
VR83092A		8	57	0	0.24	1.59	-10	70	0.4	0.25	0.06	0.2	12.8	25	35	3.55	7.7	-0.1	0.13	0.03	-10	0.2	1055	3
VR83093A		3	35.4	0	0.1	2.1	-10	220	0.4	0.18	0.19	0.2	12.6	41	29.6	3.68	5.1	-0.1	0.02	0.06	10	0.56	900	1.2
VR83094A		2	38.4	0	0.5	1.88	-10	300	0.3	0.19	0.2	0.26	12	42	31.4	2.93	5.5	-0.1	0.05	0.05	10	0.6	400	1.2
VR83095A		4	39.6	0	0.34	1.7	-10	210	0.35	0.19	0.25	0.18	13.4	35	23.6	3.11	5.4	-0.1	0.04	0.05	-10	0.51	995	1.2
VR83096A		40	316	0	0.62	1.36	-10	180	0.4	0.37	0.18	0.26	10.2	23	11.6	2.4	5.3	-0.1	0.11	0.05	10	0.35	435	1.2
VR83097A		28	147.5	0	0.36	1.25	-10	300	0.3	0.2	0.36	0.14	7.6	33	11.8	2.69	3.7	-0.1	0.03	0.08	10	0.37	395	0.8
VR83098A		6	40.2	0	0.24	1.21	-10	260	0.3	0.18	0.6	0.2	7.4	28	12.2	2.23	3.9	-0.1	0.05	0.08	10	0.49	225	0.8
VR83099A		6	35.6	0	0.2	1.32	-10	290	0.3	0.17	0.58	0.18	8.4	22	12.6	2.15	4	-0.1	0.04	0.06	10	0.45	360	0.8
VR83100A		3	25.2	0	0.16	1.72	-10	170	0.3	0.17	0.21	0.16	7.4	26	13.6	2.32	5.1	-0.1	0.04	0.04	-10	0.41	190	1

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR83074A	0.01	15	730	18	0.04	0.6	3	18	-0.05	0.05	0.12	0.5	59	0.25	48	F	
VR83075A	0.01	21	230	12	-0.01	0.6	4	19	0.05	0.06	0.12	0.7	60	0.2	62	F	
VR83076A	0.02	28	530	10	0.01	0.7	6	34	-0.05	0.07	0.12	1.5	51	0.25	80	F	
VR83077A	0.02	34	580	10	0.01	0.7	6	34	0.05	0.06	0.08	1.5	54	0.25	82	T	VR83078A
VR83078A	0.02	35	580	8	0.02	0.5	6	34	-0.05	0.06	0.06	1.05	53	0.25	82	T	VR83077A
VR83079A	-0.01	33	380	12	0.01	0.6	3	9	0.05	0.06	0.16	0.65	67	0.35	70	F	
VR83080A	0.01	52	410	18	0.04	0.8	4	21	0.05	0.05	0.28	1.15	62	0.35	122	F	
VR83081A	0.01	37	320	12	0.01	0.6	6	22	0.05	0.05	0.16	1.25	61	0.4	90	F	
VR83082A	0.01	31	350	10	0.02	0.7	5	12	0.05	0.07	0.16	0.8	70	0.35	76	F	
VR83083A	-0.01	204	450	56	0.01	0.7	22	22	0.1	0.09	0.88	1.65	161	0.35	152	F	
VR83084A	0.01	21	340	10	-0.01	0.5	4	19	-0.05	0.08	0.14	0.85	65	0.3	56	F	
VR83085A	0.01	35	230	16	-0.01	0.6	6	21	0.05	0.06	0.18	0.7	72	0.25	76	F	
VR83086A	0.01	27	450	12	0.01	0.5	4	14	-0.05	0.06	0.1	0.8	52	0.25	68	F	
VR83087A	0.01	33	590	26	0.01	0.5	4	15	0.05	0.07	0.14	0.7	66	0.25	94	F	
VR83088A	0.01	48	600	18	0.01	0.6	5	14	0.05	0.06	0.14	0.95	63	0.35	82	F	
VR83089A	-0.01	30	680	14	0.03	0.6	3	18	0.05	0.05	0.14	1.5	58	0.4	88	F	
VR83090A	0.01	28	730	6	0.01	0.5	3	16	0.05	0.07	0.12	1.1	60	0.35	86	F	
VR83091A	0.01	30	420	8	0.01	0.6	3	15	0.05	0.06	0.12	0.65	62	0.35	62	F	
VR83092A	0.01	19	600	6	0.02	1.2	1	9	0.05	0.06	0.14	0.85	60	0.45	58	F	
VR83093A	0.01	30	560	10	0.01	0.4	4	18	-0.05	0.06	0.1	0.8	65	0.3	84	F	
VR83094A	0.01	26	590	10	0.01	0.5	5	20	0.05	0.06	0.12	1.2	53	0.3	74	F	
VR83095A	0.01	25	510	12	0.03	0.5	3	21	0.05	0.06	0.12	0.85	55	0.3	76	F	
VR83096A	0.01	12	550	36	0.03	0.6	2	19	-0.05	0.04	0.12	1.7	40	30.4	72	F	
VR83097A	0.01	19	530	14	0.04	0.5	4	34	-0.05	0.04	0.1	1.7	44	0.35	66	F	
VR83098A	0.01	16	550	20	0.03	0.6	4	45	-0.05	0.04	0.1	1.8	34	0.3	78	F	
VR83099A	0.01	14	530	10	0.03	0.5	3	42	-0.05	0.04	0.08	1.15	38	0.55	58	F	
VR83100A	0.01	14	500	10	0.01	0.5	2	18	-0.05	0.05	0.08	0.7	45	0.3	58	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR83101A	Sixty Mile	SL	RD	19990601		ROUNDED FG. QTZ PEBBLES AND SANDSTONE?/SCHIST? PEBBLES.	7	509727	7095921	NAD 27	A9919803
VR83102A	Sixty Mile	SL	RD	19990601		BORDERLINE B. POSSIBLE LOESS CONTAMINATION. SUB ROUNDED GRANULES.	7	509515	7096050	NAD 27	A9919803
VR83103A	Sixty Mile	SL	RD	19990601		VERY LOCAL SOIL SAMPLE OF IMMEDIATELY UNDERLYING ANDESITE.	7	509364	7096065	NAD 27	A9919803
VR83104A	Sixty Mile	SL	RD	19990601	POOR	VERY POORLY DEVELOPED C HORIZON WITH AN ASH/LOESS COMPONENT. FINE - MEDIUM GRAINED MATERIAL OVERLYING ANDESITE. POOR TO MODERATE SAMPLE QUALITY WITH LOTS OF ANDESITE CHIPS.	7	509142	7096136	NAD 27	A9919803
VR83105A	Sixty Mile	SL	RD	19990601		SAMPLE FROM BANKS OF GRAVEL TEST PIT. WELL DEVELOPED C IN QTZ PEBBEL CONGLOMERATE. TYPE SAMPLE RD83105 TAKEN.	7	509012	7096121	NAD 27	A9919803
VR83106A	Sixty Mile	SL	RD	19990601	MOD	MODERATE QUALITY SAMPLE. LOCALLY DERIVED FROM CLASTIC GREY WACKE.	7	508863	7096219	NAD 27	A9919803
VR83107A	Sixty Mile	SL	RD	19990608		TAKEN IN WHITE SURFACE COATING IN STREAM BANK. ARSENIC?	7	506660	7098070	NAD 27	A9920323
VR83108A	Sixty Mile	SL	RD	19990608		B - C HORIZON. ABOVE GRAPHITIC LAYER IN QTZ.	7	506597	7098175	NAD 27	A9920323
VR83109A	Sixty Mile	SL	RD	19990608		POORLY DEVELOPED SOIL.	7	506690	7098110	NAD 27	A9920323
VR83110A	Sixty Mile	SL	RD	19990608	MOD	FAIR SAMPLE. POOR SOIL DEVELOPMENT, VERY LITTLE A, NO B.	7	506750	7098035	NAD 27	A9920323
VR83111A	Sixty Mile	SL	RD	19990611	POOR	FROZEN GROUND. POOR QUALITY SAMPLE, A - B HORIZON. 10 % PEBBLES (AND).	7	511878	7100769	NAD 27	A9920323
VR83112A	Sixty Mile	SL	RD	19990611	POOR	POOR TO FAIR QUALITY SAMPLE. HIGH ORGANICS, A - B BORDERLINE SAMPLE.	7	511944	7100560	NAD 27	A9920323
VR83113A	Sixty Mile	SL	RD	19990611	POOR	POOR QUALITY SAMPLE. A HORIZON TRANSITIONAL TO B. DIRECTLY ABOVE AND (POY).	7	512033	7100362	NAD 27	A9920323
VR83114A	Sixty Mile	SL	RD	19990611	MOD	FAIR QUALITY SAMPLE. HIGH ORGANICS, A - B HORIZON. AUGERED DOWN TO SUBCROP.	7	512115	7100178	NAD 27	A9920323
VR83115A	Sixty Mile	SL	RD	19990611	MOD	FAIR SAMPLE TAKEN FROM THE C HORIZON. NO B HORIZON IS PRESENT. C IS ABOVE PORPHYRITIC ANDESITE (FRESH).	7	512270	7100172	NAD 27	A9920323
VR83116A	Sixty Mile	SL	RD	19990611	POOR	A - C HORIZON ABOVE FRESH PORPHYRITIC ANDESITE. FAIR TO POOR SAMPLE QUALITY. LOESS CONTAMINATION? NO B HORIZON DEVELOPMENT.	7	512398	7100083	NAD 27	A9920323
VR83117A	Sixty Mile	SL	RD	19990611		TRANSITION A - B HORIZON ABOVE SUBCROP PEBBLES OF ANDESITE.	7	512655	7100081	NAD 27	A9920323
VR83118A	Sixty Mile	SL	RD	19990611	POOR	POOR TO FAIR QUALITY SAMPLE. TRANSITIONAL A - B HORIZON. FROZEN GROUND.	7	512848	7100024	NAD 27	A9920323
VR83119A	Sixty Mile	SL	RD	19990611	MOD	POORLY DEVELOPED B HORIZON. FAIR TO GOOD SAMPLE QUALITY.	7	512957	7099913	NAD 27	A9920323

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR83101A		10	18.8	0	0.84	1.76	-10	500	0.4	0.84	0.3	0.78	9.8	25	32.4	2.83	5.5	-0.1	0.1	0.09	10	0.42	605	1
VR83102A		3	8	0	0.04	2.03	-10	360	0.6	0.18	0.5	0.16	10.4	26	23.8	2.86	6.1	-0.1	0.05	0.07	10	0.56	435	0.6
VR83103A		-1	2.6	0	-0.02	3.13	-10	140	0.8	0.03	0.6	0.06	15.8	14	8.2	4.5	12.9	-0.1	-0.01	0.05	10	1.63	1110	1.2
VR83104A		-1	9	0	0.04	5.7	-10	110	1.5	0.08	0.31	0.12	27.2	26	21.2	6.45	11.4	-0.1	0.05	0.03	10	0.84	1145	1.8
VR83105A		-1	12	0	0.06	0.32	-10	200	0.55	0.2	0.67	0.24	13.6	6	15.4	0.79	0.5	-0.1	0.09	0.12	-10	0.05	265	0.6
VR83106A		-1	5.2	0	-0.02	1.74	-10	290	0.8	0.12	0.29	0.08	11.2	24	17.8	3.48	4.5	-0.1	0.22	0.13	10	0.38	280	1
VR83107A		18	247	0	0.54	0.65	-10	190	0.4	0.17	0.75	1.98	25.6	24	73.2	4.06	1.8	-0.1	0.04	0.05	-10	1.15	2180	5.6
VR83108A		10	46.2	0	1.1	1.13	-10	440	0.4	0.23	0.35	1.12	13	32	75	4.23	3.1	-0.1	0.06	0.05	10	0.31	645	3.4
VR83109A		20	156.5	0	0.22	1.4	-10	240	0.4	0.16	0.27	0.32	11.2	29	28.6	2.85	3.8	-0.1	0.04	0.06	10	0.37	445	1.6
VR83110A		21	196.5	0	0.58	1.67	-10	230	0.35	0.18	0.15	0.46	11.8	33	40.8	3.72	4.3	0.1	0.06	0.07	10	0.36	525	3.4
VR83111A		3	8.2	0	0.12	2.31	-10	570	0.8	0.16	0.54	0.12	8.4	33	20.8	2.77	6.2	-0.1	0.05	0.07	10	0.47	365	1.2
VR83112A		5	4.4	0	0.14	1.34	-10	640	0.95	0.11	1	0.14	6.6	24	19.6	2.22	3.6	-0.1	0.17	0.05	10	0.39	275	0.8
VR83113A		2	5	0	0.1	1.65	-10	430	0.6	0.1	1.05	0.06	7.8	27	23	2.2	4.4	-0.1	0.04	0.05	10	0.51	380	0.6
VR83114A		5	5	0	0.14	1.7	-10	510	0.8	0.11	1.13	0.12	8.2	28	26.4	2.6	4.7	-0.1	0.05	0.05	10	0.67	420	0.8
VR83115A		2	5.4	0	0.06	1.6	-10	670	0.75	0.11	0.74	0.14	9.2	28	23	2.7	4.4	-0.1	0.05	0.05	10	0.48	455	0.8
VR83116A		-1	6.8	0	0.06	2.07	-10	500	0.7	0.15	0.43	0.06	9.6	33	21.4	3.08	5.3	-0.1	0.01	0.05	10	0.53	225	1
VR83117A		-1	2.2	0	0.12	1.44	-10	570	0.35	0.09	0.28	0.48	5.6	15	21.2	1.52	4.2	-0.1	0.02	0.03	-10	0.18	1550	0.6
VR83118A		2	3.4	0	0.12	1.66	-10	690	0.9	0.08	0.83	0.14	9.4	24	21.2	2.97	5.5	-0.1	0.05	0.04	10	0.41	475	0.8
VR83119A		5	4.2	0	0.06	1.64	-10	370	0.7	0.09	0.6	0.06	7.6	25	13	3.03	5.9	-0.1	0.03	0.05	10	0.57	390	0.8

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR83101A	0.01	13	340	62	0.04	1	3	31	-0.05	0.07	0.08	1.1	51	0.1	124	F	
VR83102A	0.03	17	430	10	0.01	0.6	8	36	-0.05	0.06	0.1	0.8	52	0.05	68	F	
VR83103A	0.02	6	940	2	0.01	0.1	23	44	-0.05	0.01	0.06	0.45	129	-0.05	62	F	
VR83104A	0.04	14	1210	-2	0.04	0.5	19	43	-0.05	0.04	0.26	0.95	153	-0.05	62	F	
VR83105A	-0.01	16	130	32	-0.01	0.9	4	30	-0.05	-0.01	0.1	0.35	8	-0.05	82	F	
VR83106A	0.01	11	360	8	0.01	0.3	18	34	-0.05	0.04	0.06	1.1	80	0.05	50	F	
VR83107A	0.01	93	810	22	1.5	3.2	3	22	0.05	0.01	0.12	4.35	30	0.65	306	F	
VR83108A	0.01	63	1210	18	0.02	2.5	4	32	0.05	0.04	0.12	2.65	43	0.7	264	F	
VR83109A	0.01	20	540	10	0.01	1	3	26	0.05	0.05	0.06	1.2	45	0.3	74	F	
VR83110A	0.01	24	850	12	0.01	3.7	4	22	0.05	0.05	0.1	2.55	50	0.5	88	F	
VR83111A	0.02	15	410	12	0.01	0.4	7	56	-0.05	0.07	0.06	1.35	58	0.55	62	F	
VR83112A	0.02	12	580	4	0.04	0.4	7	94	-0.05	0.04	0.06	1.45	50	0.4	54	F	
VR83113A	0.03	15	480	6	0.03	0.4	5	124	-0.05	0.06	0.04	0.9	46	0.15	50	F	
VR83114A	0.03	15	700	8	0.04	0.5	6	126	-0.05	0.05	0.04	1.05	59	0.3	54	F	
VR83115A	0.03	15	460	8	0.02	0.5	7	67	-0.05	0.04	0.02	0.9	57	0.5	56	F	
VR83116A	0.02	17	140	6	0.01	0.6	7	36	-0.05	0.05	0.08	0.75	66	0.55	58	F	
VR83117A	0.03	8	290	8	0.01	0.1	1	36	-0.05	0.04	0.06	0.35	32	0.2	46	F	
VR83118A	0.03	14	890	2	0.02	0.3	8	57	-0.05	0.03	0.02	0.65	66	0.65	56	F	
VR83119A	0.02	11	360	-2	0.01	0.3	6	64	-0.05	0.05	0.02	0.6	66	0.35	58	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR83120A	Sixty Mile	SL	RD	19990611	MOD	FAIR QUALITY SAMPLE. TRANSITIONAL A - B HORIZON. HIGH ORGANICS. SOME ANDESITE PEBBLES.	7	513074	7099766	NAD 27	A9920323
VR83121A	Sixty Mile	SL	RD	19990611	MOD	FAIR TO GOOD QUALITY SAMPLE. MODERATELY DEVELOPED B HORIZON. FROZEN GROUND.	7	513321	7099788	NAD 27	A9920323
VR83122A	Sixty Mile	SL	RD	19990611	MOD	FAIR TO GOOD QUALITY SAMPLE. FROZEN GROUND. MODERATE QUALITY B HORIZON.	7	513388	7099965	NAD 27	A9920323
VR83123A	Sixty Mile	SL	RD	19990611	MOD	FAIR QUALITY SAMPLE. B HORIZON IS MODERATELY DEVELOPED.	7	513457	7100174	NAD 27	A9920323
VR83124A	Sixty Mile	SL	RD	19990615	GOOD	BETWEEN B - C HORIZON. GOOD SAMPLE. DUPLICATE SAMPLE.	7	505952	7098518	NAD 27	A9920797
VR83125A	Sixty Mile	SL	RD	19990615	MOD	FAIR TO GOOD QUALITY SAMPLE. DUPLICATE SAMPLE.	7	505952	7098518	NAD 27	A9920797
VR83126A	Sixty Mile	SL	RD	19990615	MOD	COMBINATION B/C. FAIR TO GOOD QUALITY SAMPLE.	7	505744	7098432	NAD 27	A9920797
VR83127A	Sixty Mile	SL	RD	19990615		C HORIZON ABOVE QUARTZITE. ASH LAYER PRESENT BUT NOT SAMPLED. ROCK CHIPS. QZT FLOAT NEARBY AND CROSSED LAST YEARS TOPO CONTOUR TRAVERSE.	7	505622	7098297	NAD 27	A9920797
VR83128A	Sixty Mile	SL	RD	19990615	MOD	FAIR TO GOOD SAMPLE TAKEN NEXT TO A BLEACHED QZT (SAMPLE VR80328).	7	505466	7098196	NAD 27	A9920797
VR83129A	Sixty Mile	SL	RD	19990615	MOD	POORLY DEVELOPED B HORIZON. FAIR TO GOOD QUALITY SAMPLE. QZT FLOAT AND QV FLOAT AROUND SITE.	7	505346	7098048	NAD 27	A9920797
VR83130A	Sixty Mile	SL	RD	19990615	MOD	BETWEEN HERE AND RD-31 LOTS OF BULL WHITE QTZ VEIN FLOAT AND BLEACHED/PITTED QZT. AND CROSSCUTTING VEINLETS IN QZT FLOAT AND ABUNDANT LIMONITE/MNOX COATED JOINTS. GOOD STUFF. B-C HORIZON. FAIR TO GOOD SAMPLE.	7	505204	7097912	NAD 27	A9920797
VR83131A	Sixty Mile	SL	RD	19990615	MOD	FAIR TO GOOD QUALITY C HORIZON SAMPLE. LESS ABUNDANT QTZ VEIN FLOAT (RARE) IN QZT AND GRA. LESS LIM/MNOX COATINGS ON JOINTS.	7	505121	7097719	NAD 27	A9920797
VR83132A	Sixty Mile	SL	RD	19990615	MOD	MIXTURE OF B/C HORIZONS. FAIR TO GOOD SAMPLE. IN SUBCROP OF HEAVILY BLEACHED QZT AND cm SCALE CROSSCUTTING QTZ VEINS WITH WEAK LIM/FEOX COATINGS.	7	505021	7097619	NAD 27	A9920797
VR83133A	Sixty Mile	SL	RD	19990615		10 M FRO QZT O/C WITH CROSS CUTTING QTZ VEN (~ 20 cm WIDE). RD - 35 NEARBY.	7	505710	7097101	NAD 27	A9920797
VR83134A	Sixty Mile	SL	RD	19990615	GOOD	GOOD SAMPLE QUALITY.	7	505901	7097029	NAD 27	A9920797
VR83135A	Sixty Mile	SL	RD	19990615	MOD	FAIR QUALITY AND VERY WET SAMPLE.	7	506099	7096928	NAD 27	A9920797
VR83136A	Sixty Mile	SL	RD	19990615	GOOD	GOOD QUALITY SAMPLE.	7	506312	7096892	NAD 27	A9920797
VR83137A	Sixty Mile	SL	RD	19990615	GOOD	GOOD QUALITY SAMPLE.	7	506514	7096912	NAD 27	A9920797
VR83138A	Sixty Mile	SL	RD	19990615	GOOD	GOOD QUALITY SAMPLE.	7	506715	7096930	NAD 27	A9920797
VR83139A	Sixty Mile	SL	RD	19990615	MOD	FROZEN GROUND. VERY WET FAIR QUALITY SAMPLE.	7	506912	7096960	NAD 27	A9920797
VR83140A	Sixty Mile	SL	RD	19990615	GOOD	GOOD QUALITY PALE BROWN B HORIZON SAMPLE.	7	507110	7096993	NAD 27	A9920797

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR83120A		2	4.2	0	0.06	1.46	-10	460	0.85	0.09	0.57	0.08	9.2	24	15.4	3.25	4.2	-0.1	0.01	0.07	10	0.4	505	0.8
VR83121A		2	4.8	0	0.1	1.91	-10	570	0.45	0.12	0.71	0.1	7.6	27	13.8	2.52	5.2	-0.1	0.01	0.03	-10	0.39	370	0.6
VR83122A		2	5.2	0	0.04	2.06	-10	450	0.5	0.13	0.38	0.12	7.2	26	13	2.93	6.9	-0.1	0.01	0.06	10	0.5	280	1
VR83123A		2	3.4	0	0.04	1.64	-10	410	0.75	0.09	0.68	0.1	6.8	22	16	2.77	5.2	-0.1	0.05	0.03	10	0.35	405	0.6
VR83124A		8	168	0	0.54	1.04	-10	110	0.25	0.34	0.18	0.8	12.8	28	47.4	3.35	3.2	-0.1	0.05	0.06	10	0.33	920	2.8
VR83125A		27	167.5	0	0.38	0.79	-10	100	0.15	0.24	0.11	0.6	11.4	25	40.4	2.99	3.3	-0.1	0.05	0.05	-10	0.22	890	3.2
VR83126A		11	81.6	0	0.46	1.65	-10	130	0.3	0.23	0.07	0.84	14	31	45.4	3.54	4.1	-0.1	0.04	0.05	-10	0.27	745	4.2
VR83127A		2	47	0	0.32	1.6	-10	90	0.25	0.63	0.06	0.4	12.8	38	32.4	4.11	7.3	-0.1	0.03	0.05	-10	0.32	910	2.6
VR83128A		6	77.2	0	0.3	2.16	-10	130	0.4	0.26	0.11	1.24	9.6	33	34.6	3.2	5.4	-0.1	0.08	0.05	-10	0.33	705	1.6
VR83129A		4	24.8	0	0.22	1.99	-10	140	0.35	0.2	0.09	0.28	7.8	32	32.8	3.2	5.7	-0.1	0.05	0.04	-10	0.34	265	2.4
VR83130A		32	510	0	0.7	1.12	-10	120	0.25	0.21	0.05	0.28	9.2	25	63.3	4.03	2.9	-0.1	0.05	0.05	10	0.24	280	4.4
VR83131A		7	107	0	0.22	0.65	-10	50	0.1	0.29	0.03	0.26	7.4	29	40.6	3.16	3.4	-0.1	0.03	0.04	-10	0.1	250	3
VR83132A		6	84.4	0	0.14	2.51	-10	130	0.35	0.2	0.1	0.26	10.8	39	21.8	3.33	6.1	-0.1	0.06	0.06	-10	0.52	310	1.2
VR83133A		15	156.5	0	0.26	1.58	-10	150	0.25	0.16	0.11	0.16	5.4	28	16.2	2.52	4.1	-0.1	0.06	0.05	10	0.36	215	1.2
VR83134A		8	36.6	0	0.18	2.27	-10	200	0.35	0.19	0.15	0.12	7.2	39	19.8	2.92	6.1	-0.1	0.06	0.04	10	0.54	210	1.2
VR83135A		7	57.6	0	0.2	1.52	-10	130	0.35	0.38	0.08	0.24	5.4	21	18.2	2.47	5	-0.1	0.04	0.05	30	0.28	345	1.4
VR83136A		8	20	0	0.08	1.83	-10	140	0.4	0.3	0.05	0.16	5.4	24	14.4	2.85	4.5	-0.1	0.04	0.05	10	0.23	250	1.2
VR83137A		7	55.4	0	0.06	2.8	-10	270	0.75	0.14	0.44	0.16	24.4	212	46	4.26	8.2	0.1	0.01	0.41	10	1.84	620	1
VR83138A		52	249	0	0.14	2.2	-10	180	0.55	0.33	0.05	0.32	5.6	26	12.8	3.15	4.9	-0.1	0.03	0.06	20	0.31	220	1.2
VR83139A		15	72.6	0	0.08	1.78	-10	210	0.45	0.17	0.18	0.12	7.4	33	21.6	2.62	4.6	-0.1	0.02	0.05	10	0.52	245	0.8
VR83140A		3	10.2	0	0.12	1.21	-10	270	0.35	0.11	0.16	0.12	5	17	6.8	2.23	4.6	-0.1	0.01	0.08	30	0.37	220	0.8

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR83120A	0.02	14	630	10	0.01	0.4	8	39	-0.05	0.04	0.06	0.65	64	0.5	64	F	
VR83121A	0.03	13	250	10	0.01	0.3	4	37	-0.05	0.05	0.06	0.4	55	0.25	52	F	
VR83122A	0.01	11	340	8	-0.01	0.3	4	54	-0.05	0.05	0.06	0.5	66	0.3	52	F	
VR83123A	0.02	11	850	6	0.01	0.3	7	53	-0.05	0.04	0.02	0.95	60	0.3	58	F	
VR83124A	0.01	36	810	24	0.03	0.8	3	17	0.05	0.05	0.1	1.25	43	0.3	134	T	VR83125A
VR83125A	0.01	30	680	22	0.03	0.7	1	13	0.05	0.04	0.08	1	39	0.25	114	T	VR83124A
VR83126A	0.01	39	630	20	0.08	0.9	2	38	0.05	0.04	0.2	1.35	49	0.3	124	F	
VR83127A	0.01	33	580	36	0.01	0.5	3	11	0.05	0.06	0.12	0.85	68	0.2	144	F	
VR83128A	0.01	22	440	38	0.03	0.5	2	15	0.05	0.05	0.1	1.1	53	0.2	154	F	
VR83129A	0.01	17	440	10	0.02	0.5	3	14	0.05	0.06	0.1	1.35	58	0.25	64	F	
VR83130A	0.01	26	570	10	0.05	0.6	2	15	0.15	0.04	0.1	2.2	37	0.25	130	F	
VR83131A	0.01	19	640	24	0.03	0.4	-1	11	0.05	0.03	0.06	1.4	41	0.25	84	F	
VR83132A	0.01	25	330	14	0.02	0.6	3	13	0.05	0.08	0.08	0.55	61	0.25	68	F	
VR83133A	0.01	14	450	10	0.04	3	1	16	0.05	0.05	0.14	0.6	41	0.4	48	F	
VR83134A	0.01	16	430	8	-0.01	1.3	4	16	-0.05	0.07	0.1	0.8	56	0.3	60	F	
VR83135A	0.01	11	400	14	0.01	0.5	1	11	0.05	0.04	0.08	1.05	36	0.9	54	F	
VR83136A	0.01	11	190	24	-0.01	0.6	4	10	-0.05	0.04	0.08	1.2	38	0.3	70	F	
VR83137A	0.01	68	1210	42	-0.01	0.7	11	30	-0.05	0.1	0.38	1.15	95	0.25	82	F	
VR83138A	0.01	12	180	80	0.01	0.9	3	10	-0.05	0.03	0.1	1.05	42	0.2	118	F	
VR83139A	0.01	19	390	14	-0.01	0.5	4	19	-0.05	0.06	0.06	0.9	48	0.5	58	F	
VR83140A	0.01	9	320	78	-0.01	0.4	2	17	-0.05	0.05	0.12	1.15	29	0.15	52	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR83141A	Sixty Mile	SL	RD	19990615	POOR	POOR SAMPLE TAKEN IN PERMAFROST AREA. A-B HORIZON.	7	507331	7096914	NAD 27	A9920797
VR83142A	Sixty Mile	SL	RD	19990615	GOOD	GOOD QUALITY SAMPLE.	7	507512	7096962	NAD 27	A9920797
VR83143A	Sixty Mile	SL	RD	19990615	POOR	FROZEN GROUND/PERMAFROST. A-B HORIZON MIXTURE. POOR QUALITY SAMPLE.	7	507697	7096960	NAD 27	A9920797
VR83144A	Sixty Mile	SL	RD	19990615	MOD	FROZEN GROUND. MODERATE QUALITY SAMPLE. A-B HORIZON. DUPLICATE SAMPLE.	7	507889	7096983	NAD 27	A9920797
VR83145A	Sixty Mile	SL	RD	19990615	MOD	MODERATE QUALITY SAMPLE. FROZEN GROUND. DUPLICATE SAMPLE.	7	507889	7096983	NAD 27	A9920797
VR83146A	Sixty Mile	SL	RD	19990615	GOOD	SAMPLE IN ROAD CUT. QZT SUBCROP. GOOD QUALITY C HORIZON SAMPLE.	7	508024	7096945	NAD 27	A9920797
VR83147A	Sixty Mile	SL	RD	19990616	GOOD	GOOD SAMPLE. B-C HORIZON.	7	500060	7102252	NAD 27	A9920800
VR83148A	Sixty Mile	SL	RD	19990616	GOOD	GOOD QUALITY SAMPLE.	7	500255	7102292	NAD 27	A9920800
VR83149A	Sixty Mile	SL	RD	19990616	GOOD	GOOD SAMPLE TAKEN FROM A FROST BOIL.	7	500430	7102400	NAD 27	A9920800
VR83150A	Sixty Mile	SL	RD	19990616	GOOD	FROST BOIL WITH POSSIBLE ASH MIXED IN. GOOD SOIL.	7	500522	7102511	NAD 27	A9920800
VR83151A	Sixty Mile	SL	RD	19990616	GOOD	FROST BOIL MIXTURE. IN GRAPHITIC QUARTZITE. GOOD SOIL SAMPLE.	7	500758	7102489	NAD 27	A9920800
VR83152A	Sixty Mile	SL	RD	19990616	GOOD	GOOD SAMPLE TAKEN NEAR RD-47. B - C HORIZON.	7	500955	7102507	NAD 27	A9920800
VR83153A	Sixty Mile	SL	RD	19990616	GOOD	RUSTY FROST BOIL. GOOD B HORIZON.	7	501119	7102463	NAD 27	A9920800
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
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
VR83156A	Sixty Mile	SL	RD	19990616	GOOD	GOOD B - C SAMPLE FROM FROST BOIL.	7	501758	7102501	NAD 27	A9920800
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
VR83158A	Sixty Mile	SL	RD	19990616	MOD	FAIR SAMPLE WITH ASH CONTAMINATION. B - C HORIZON SAMPLE.	7	502135	7102552	NAD 27	A9920800
VR83159A	Sixty Mile	SL	RD	19990616	GOOD	GOOD B HORIZON SAMPLE IN FROST BOIL.	7	502318	7102565	NAD 27	A9920800
VR83160A	Sixty Mile	SL	RD	19990616	GOOD	GOOD QUALITY SAMPLE.	7	502425	7102688	NAD 27	A9920800
VR83161A	Sixty Mile	SL	RD	19990616	MOD	MICACEOUS PHYLLITES. MODERAT TO GOOD QUALITY C HORIZON SAMPLE.	7	502540	7102824	NAD 27	A9920800
VR83162A	Sixty Mile	SL	RD	19990616	GOOD	GOOD SAMPLE TAKEN IN BULL WHITE QUARTZ VEIN FLOAT.	7	502670	7102966	NAD 27	A9920800
VR83163A	Sixty Mile	SL	RD	19990616	GOOD	GOOD B - C HORIZON SAMPLE. CONTAINS QUARTZITE, SHALE, AND GRAPHITIC QUARTZITE PEBBLES.	7	502790	7103138	NAD 27	A9920800
VR83164A	Sixty Mile	SL	RD	19990616	GOOD	GOOD QUALITY B - C HORIZON SAMPLE. DUPLICATE SAMPLE.	7	502771	7103279	NAD 27	A9920800
VR83165A	Sixty Mile	SL	RD	19990616	GOOD	GOOD QUALITY B - C HORIZON SAMPLE.	7	502771	7103279	NAD 27	A9920800
VR83166A	Sixty Mile	SL	RD	19990616	GOOD	GOOD QUALITY B HORIZON SAMPLE.	7	502807	7103461	NAD 27	A9920800
VR83167A	Sixty Mile	SL	RD	19990616	GOOD	GOOD B HORIZON SAMPLE.	7	502798	7103654	NAD 27	A9920800

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR83141A		8	17.8	0	0.14	1.45	-10	270	0.3	0.14	0.36	0.08	6.2	29	14.8	2.22	4.3	-0.1	0.03	0.04	10	0.49	210	0.8
VR83142A		11	112.5	0	0.58	1.41	-10	380	0.45	0.2	0.46	0.14	8	26	26.4	2.59	3.9	-0.1	0.04	0.06	10	0.4	355	1
VR83143A		4	10.8	0	0.14	1.55	-10	250	0.35	0.17	0.49	0.14	8.2	33	24	2.54	4.7	-0.1	0.04	0.06	10	0.65	220	0.8
VR83144A		2	8.8	0	0.12	1.56	-10	290	0.35	0.15	0.46	0.18	8.2	31	24.4	2.6	4.2	-0.1	0.03	0.06	10	0.6	220	0.6
VR83145A		3	10	0	0.14	1.54	-10	270	0.3	0.15	0.43	0.14	9.8	30	21.6	2.6	4.4	-0.1	0.03	0.06	10	0.56	285	0.8
VR83146A		6	28	0	0.26	0.33	-10	230	0.75	0.06	0.44	0.18	15.8	20	40	4.03	1	-0.1	0.07	0.09	10	0.2	515	1.4
VR83147A		3	23.2	0	0.54	3.47	-10	830	0.65	0.2	0.23	0.3	18.2	156	55.1	4.18	9.3	0.1	0.03	0.47	20	1.98	595	2.4
VR83148A		4	35.8	0	0.36	2.38	-10	260	0.55	0.2	0.12	0.4	9.4	62	34.6	3.36	6	-0.1	0.06	0.12	10	0.74	390	2.6
VR83149A		11	310	0	0.54	2.31	-10	240	0.5	0.22	0.14	0.4	11.6	42	49	3.34	4.9	-0.1	0.08	0.05	10	0.48	510	1.8
VR83150A		7	40.6	0	0.9	1.51	-10	320	0.25	0.12	0.16	0.1	5.4	57	53.1	2.94	3.8	-0.1	0.08	0.05	10	0.37	185	1.6
VR83151A		5	85.4	0	0.6	1.08	-10	150	0.25	0.32	0.03	0.06	2.8	27	19.6	3.18	2.8	-0.1	0.21	0.07	20	0.16	105	3.4
VR83152A		9	21.4	0	1.36	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
VR83153A		5	127.5	0	0.4	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
VR83154A		6	10.8	0	0.28	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
VR83155A		12	47.2	0	0.58	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
VR83156A		18	63.4	0	0.48	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
VR83157A		6	19.6	0	0.34	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
VR83158A		9	20.6	0	0.34	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
VR83159A		3	75.8	0	0.28	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
VR83160A		31	14.4	0	0.12	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
VR83161A		4	194.5	0	0.28	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
VR83162A		9	213	0	0.2	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
VR83163A		6	41.8	0	0.24	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
VR83164A		8	15.8	0	0.46	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
VR83165A		6	16.6	0	0.46	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
VR83166A		6	9.2	0	0.54	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
VR83167A		25	76.8	0	0.34	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

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR83141A	0.02	14	500	12	0.01	0.4	3	28	-0.05	0.05	0.06	0.7	41	0.15	54	F	
VR83142A	0.01	19	500	38	0.02	1	4	35	-0.05	0.04	0.08	1.6	35	0.15	66	F	
VR83143A	0.03	18	720	10	0.01	0.6	4	33	-0.05	0.07	0.06	0.6	49	0.35	76	F	
VR83144A	0.03	19	640	10	0.01	0.5	4	34	-0.05	0.07	0.06	0.65	48	0.25	72	T	VR83145A
VR83145A	0.03	18	680	8	0.01	0.6	3	32	-0.05	0.07	0.06	0.7	45	0.3	68	T	VR83144A
VR83146A	-0.01	29	250	12	0.14	1.4	16	14	0.05	-0.01	0.12	0.95	28	0.7	124	F	
VR83147A	0.01	63	510	6	0.05	0.1	15	25	-0.05	0.13	0.56	1.05	115	0.2	110	F	
VR83148A	0.01	34	540	14	0.06	0.4	5	17	0.05	0.07	0.26	1.25	70	0.2	110	F	
VR83149A	0.01	33	760	18	0.02	0.8	5	17	0.1	0.05	0.22	1.4	62	0.3	90	F	
VR83150A	0.01	19	850	10	0.02	1.7	11	19	0.05	0.04	0.16	2.3	77	0.25	44	F	
VR83151A	-0.01	11	400	16	0.07	4.3	2	32	0.1	0.02	0.68	1.05	40	0.2	52	F	
VR83152A	-0.01	12	370	34	0.03	4.5	2	19	0.2	0.04	0.1	0.75	29	0.3	34	F	
VR83153A	-0.01	78	490	2	-0.01	1.2	46	10	-0.05	-0.01	0.26	0.65	190	0.55	194	F	
VR83154A	0.01	19	410	8	-0.01	0.8	4	15	0.05	0.04	0.06	0.8	38	0.15	70	F	
VR83155A	0.01	23	510	30	0.01	2.3	5	16	0.05	0.06	0.1	1.05	52	0.3	56	F	
VR83156A	0.01	21	740	6	-0.01	2.4	4	22	-0.05	0.07	0.24	1.3	48	0.25	74	F	
VR83157A	0.01	40	550	6	-0.01	1.1	10	18	-0.05	0.04	0.12	0.4	68	0.15	86	F	
VR83158A	0.01	42	580	8	-0.01	1.1	11	19	-0.05	0.04	0.12	0.4	72	0.15	90	F	
VR83159A	0.01	44	680	12	-0.01	1	6	17	-0.05	0.06	0.16	1.1	57	0.3	72	F	
VR83160A	-0.01	56	600	2	-0.01	1.5	11	16	-0.05	0.1	0.16	0.7	91	0.2	92	F	
VR83161A	-0.01	77	790	6	0.04	0.7	9	14	0.05	0.08	0.2	1.2	112	0.25	100	F	
VR83162A	-0.01	412	300	12	0.01	0.8	8	3	0.05	0.01	0.42	0.2	33	-0.05	22	F	
VR83163A	0.01	39	780	16	0.01	0.4	3	21	0.05	0.03	0.08	2.4	42	0.2	122	F	
VR83164A	-0.01	167	610	8	-0.01	3.9	10	19	0.1	0.03	0.08	0.9	63	0.15	124	T	VR83165A
VR83165A	-0.01	169	640	8	-0.01	4.1	9	17	0.05	0.03	0.08	0.95	60	0.2	120	T	VR83164A
VR83166A	0.01	61	1000	14	0.01	0.9	4	16	0.05	0.03	0.08	1.65	47	0.25	194	F	
VR83167A	-0.01	64	1040	6	0.01	0.8	3	13	0.05	0.04	0.1	1.4	53	0.25	140	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR83168A	Sixty Mile	SL	RD	19990616	MOD	FAIR QUALITY B HORIZON SAMPLE. ASH/LOESS CONTAMINATION.	7	502659	7103797	NAD 27	A9920800
VR83169A	Sixty Mile	SL	RD	19990616	GOOD	GOOD QUALITY B HORIZON SAMPLE.	7	502580	7103864	NAD 27	A9920800
VR83170A	Sixty Mile	SL	RD	19990616	GOOD	GOOD QUALITY B HORIZON SAMPLE.	7	502398	7103928	NAD 27	A9920800
VR83171A	Sixty Mile	SL	RD	19990616	GOOD	GOOD QUALITY B HORIZON SAMPLE. POSSIBLE LOESS CONTAMINATION.	7	502289	7104110	NAD 27	A9920800
VR83172A	Sixty Mile	SL	RD	19990620	MOD	DITCH MATERIAL. FAIR QUALITY SAMPLE.	7	508868	7097543	NAD 27	A9921625
VR83173A	Sixty Mile	SL	RD	19990620	POOR	POOR QUALITY SAMPLE. MIXTURE OF A - B HORIZON.	7	509024	7097793	NAD 27	A9921625
VR83174A	Sixty Mile	SL	RD	19990620	MOD	MODERATE QUALITY A - B HORIZON SAMPLE.	7	509153	7097911	NAD 27	A9921625
VR83178A	Sixty Mile	SL	RD	19990620	MOD	FAIR SAMPLE POSSIBLE LOESS CONTAMINATION. FROZEN GROUND.	7	508329	7097880	NAD 27	A9921625
VR83179A	Sixty Mile	SL	RD	19990620	GOOD	GREAT B HORIZON SAMPLE TAKEN AT EASTERN END OF TRENCH THAT FOLLOWS TOPOGRAPHY (210 DEGREES). IT HAS BEEN PUT ON THE MAP.	7	508488	7098002	NAD 27	A9921625
VR83180A	Sixty Mile	SL	RD	19990620	GOOD	DECOMPOSED GRANITE C HORIZON SAMPLE. UNFOLIATED BIOTITE GRANITE TO A GRANODIORITE (PRESENT). GOOD DUPLICATE SAMPLE.	7	508433	7097955	NAD 27	A9921625
VR83181A	Sixty Mile	SL	RD	19990620	GOOD	GOOD C HORIZON DUPLICATE SAMPLE.	7	508433	7097955	NAD 27	A9921625
VR83182A	Sixty Mile	SL	RD	19990620	GOOD	GOOD QUALITY C HORIZON SAMPLE IN LIMONITIC SOIL WITH INENSELY FRACTURED LEUCOCRATIC GRANITE.	7	508359	7097902	NAD 27	A9921625
VR83183A	Sixty Mile	SL	RD	19990620	GOOD	GOOD QUALITY B HORIZON SAMPLE.	7	508382	7097710	NAD 27	A9921625
VR83184A	Sixty Mile	SL	RD	19990620	POOR	EXTREMELY POOR SAMPLE. HIGH ASH CONTAMINATION.	7	508508	7097535	NAD 27	A9921625
VR83323A	Sixty Mile	SL	RD	19990710	GOOD	GOOD QUALITY SAMPLE.	7	505935	7096792	NAD 27	A9923133
VR83324A	Sixty Mile	SL	RD	19990710	GOOD	GOOD QUALITY ORANGE B HORIZON SAMPLE.	7	505913	7096921	NAD 27	A9923133
VR83325A	Sixty Mile	SL	RD	19990710	GOOD	GOOD QUALITY B HORIZON SAMPLE. SAMPLE TAKEN NEAR B - C HORIZON TRANSITION ZONE. LOTS OF QTZ AND SCHIST FRAGMENTS WITHIN THE SAMPLE.	7	505943	7097014	NAD 27	A9923133
VR83326A	Sixty Mile	SL	RD	19990710	MOD	MODERATE QUALITY SAMPLE. POSSIBLY CONTAMINATED BY LOESS. DUPLICATE SAMPLE.	7	505945	7097101	NAD 27	A9923133
VR83327A	Sixty Mile	SL	RD	19990710	MOD	MODERATE QUALITY SAMPLE WITH POSSIBLE LOESS CONTAMINATION. DUPLICATE SAMPLE.	7	505945	7097101	NAD 27	A9923133
VR83328A	Sixty Mile	SL	RD	19990710	MOD	MODERATE QUALITY SAMPLE WHICH CONTAINS FE STAINED QTZ PEBBLES. POORLY DEVELOPED B/C HORIZON.	7	505950	7097198	NAD 27	A9923133
VR83329A	Sixty Mile	SL	RD	19990710	GOOD	GOOD QUALITY B HORIZON SAMPLE.	7	505946	7097341	NAD 27	A9923133
VR83330A	Sixty Mile	SL	RD	19990710	MOD	SAMPLE TAKEN 10 m SOUTH OF VR58523. MODERATE QUALITY SAMPLE WITH LOESS CONTAMINATION.	7	505940	7097453	NAD 27	A9923133
VR83331A	Sixty Mile	SL	RD	19990710	POOR	POOR QUALITY SAMPLE TAKEN IN QTZ SUBCROP. ONLY THE A AND C HORIZONS ARE PRESENT. THE B HORIZON IS NOT DEVELOPED.	7	505938	7097552	NAD 27	A9923133

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR83168A		6	13.2	0	0.66	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
VR83169A		14	34.6	0	0.52	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
VR83170A		6	10.6	0	0.42	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
VR83171A		4	7.8	0	0.16	2.22	-10	90	0.45	0.21	0.11	0.3	10.8	36	32.2	3.35	4.5	-0.1	0.07	0.06	10	0.39	300	1.4
VR83172A		8	17.2	0	0.18	1.5	-10	420	0.9	0.39	0.48	0.2	10.8	24	36.2	2.75	4.9	-0.1	4.18	0.19	10	0.44	375	1
VR83173A		2	4.2	0	0.16	1.87	-10	350	0.8	0.08	1.26	0.08	12	18	14.6	3.34	7.1	-0.1	0.15	0.03	10	0.74	560	1.4
VR83174A		3	6.6	0	0.16	2.16	-10	560	0.65	0.14	0.73	0.12	11.2	24	15.8	3.15	7.2	-0.1	0.06	0.04	10	0.71	440	1.2
VR83178A		4	10.4	0	0.12	2.03	-10	630	1.45	0.16	0.59	0.14	17.6	31	23.6	5.04	7.4	0.1	0.17	0.05	30	0.69	910	1.4
VR83179A		-1	4.8	0	0.26	1.03	-10	440	1.6	0.35	0.62	0.18	13.2	40	31.8	5.03	5.3	0.2	0.8	0.41	50	0.51	790	1.4
VR83180A		85	6	0	0.18	1.03	-10	400	1.15	0.13	0.65	0.1	6.4	18	16.2	2.59	3.4	-0.1	3.97	0.16	30	0.25	535	0.6
VR83181A		47	5.4	0	0.16	0.91	-10	360	1	0.11	0.6	0.1	5.8	16	14.6	2.32	3	-0.1	3.34	0.15	20	0.22	470	0.4
VR83182A		-1	2	0	0.08	0.53	-10	200	0.9	0.09	2.64	0.1	14	59	16.8	3.3	2.5	-0.1	1.85	0.2	10	1.11	545	0.8
VR83183A		-1	4.2	0	0.1	1.42	-10	330	1.1	0.15	0.45	0.1	18.4	68	23	4.79	5.9	-0.1	0.48	0.16	10	0.61	620	1
VR83184A		3	13.6	0	0.28	1.71	-10	370	0.55	0.19	1.12	0.32	12.8	31	35.2	2.98	5.2	-0.1	0.07	0.07	10	0.69	515	1.2
VR83323A		26	284	0	0.14	2.76	-10	250	0.5	0.27	0.11	0.3	10.8	35	25.2	3.55	6.6	-0.1	0.05	0.06	10	0.49	395	1.2
VR83324A		21	95	0	0.12	2.77	-10	190	0.65	0.19	0.12	0.22	13.4	37	25.6	3.46	6.3	-0.1	0.06	0.05	10	0.58	400	1.2
VR83325A		16	69.2	0	0.32	1.85	-10	340	0.4	0.2	0.16	0.14	11.6	36	27.6	2.91	5.5	-0.1	0.08	0.04	10	0.45	555	1.6
VR83326A		16	67.6	0	0.3	1.5	-10	240	0.25	0.16	0.22	0.12	6.8	28	19.6	2.42	4.7	-0.1	0.13	0.03	10	0.47	240	1.2
VR83327A		6	66.6	0	0.3	1.61	-10	230	0.3	0.15	0.22	0.08	7	28	20	2.51	4.7	-0.1	0.11	0.04	10	0.49	250	1.2
VR83328A		11	123	0	0.36	1.23	-10	140	0.2	0.18	0.08	0.1	5.2	17	17	2.26	3.8	-0.1	0.11	0.04	-10	0.21	485	1.2
VR83329A		39	112	0	0.3	1.68	-10	190	0.25	0.16	0.23	0.14	7.2	26	25.4	2.62	4.8	-0.1	0.11	0.04	10	0.49	215	1.2
VR83330A		13	124.5	0	0.34	1.72	-10	270	0.4	0.16	0.24	0.18	8.4	31	26	2.94	5	-0.1	0.15	0.05	10	0.54	305	1.8
VR83331A		11	68.2	0	0.18	2.48	-10	120	0.25	0.2	0.11	0.14	8	24	17.4	3.4	7.2	-0.1	0.04	0.04	-10	0.39	350	1.2

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR83168A	-0.01	39	750	8	0.04	1.8	5	15	0.05	0.05	0.14	2.6	62	0.25	110	F	
VR83169A	0.01	28	630	8	0.01	0.9	4	32	0.05	0.04	0.12	1.75	42	0.2	98	F	
VR83170A	0.01	35	730	4	0.03	0.6	4	10	0.05	0.05	0.12	1.65	49	0.2	96	F	
VR83171A	0.01	29	710	8	0.02	0.5	3	11	0.05	0.06	0.12	0.95	49	0.3	88	F	
VR83172A	0.01	18	620	12	0.01	2.2	8	39	-0.05	0.05	0.12	1.35	51	0.35	74	F	
VR83173A	0.03	7	1380	2	0.04	0.2	10	86	-0.05	0.04	0.2	0.95	89	0.3	50	F	
VR83174A	0.02	12	490	4	0.01	0.3	7	65	-0.05	0.08	0.1	0.9	71	0.3	56	F	
VR83178A	0.02	17	690	4	-0.01	0.4	18	40	0.05	0.03	0.1	0.65	124	0.35	70	F	
VR83179A	-0.01	21	960	10	0.01	3.5	16	45	-0.05	0.05	0.32	1.75	62	0.35	124	F	
VR83180A	0.01	10	580	12	-0.01	2.3	7	49	-0.05	0.01	0.12	1.3	44	0.45	70	T	VR83181A
VR83181A	0.01	9	560	10	-0.01	2.3	6	44	-0.05	0.01	0.1	1.15	39	0.4	66	T	VR83180A
VR83182A	0.01	18	620	6	-0.01	0.8	22	72	-0.05	-0.01	0.22	0.65	75	0.5	62	F	
VR83183A	0.01	32	430	10	-0.01	2.4	15	29	-0.05	0.05	0.3	0.95	81	0.25	114	F	
VR83184A	0.03	27	630	6	0.01	0.9	5	48	-0.05	0.08	0.08	0.7	56	0.25	74	F	
VR83323A	0.01	18	230	22	-0.01	1	5	19	0	0.06	0.12	1.15	61	2.45	80	F	
VR83324A	0.01	22	360	20	-0.01	0.8	5	16	0	0.08	0.12	0.9	62	0.95	66	F	
VR83325A	0.01	17	370	20	0.01	2.1	4	22	0	0.06	0.1	1	59	0.35	58	F	
VR83326A	0.01	15	410	24	-0.01	1.4	4	24	0	0.07	0.08	0.85	48	0.3	50	T	VR83327A
VR83327A	0.01	13	440	16	-0.01	1.3	4	25	0	0.07	0.08	0.85	48	0.25	50	T	VR83326A
VR83328A	0.01	10	450	50	0.02	2.1	1	15	0	0.04	0.18	0.75	34	0.45	46	F	
VR83329A	0.01	17	600	18	0.01	3	4	24	0	0.08	0.12	0.85	50	0.4	56	F	
VR83330A	0.01	17	620	20	0.01	2.2	4	26	0	0.08	0.12	0.9	57	0.4	64	F	
VR83331A	0.01	15	450	22	0.02	1.1	3	14	0	0.08	0.1	0.5	62	0.5	56	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR83332A	Sixty Mile	SL	RD	19990710	POOR	POOR QUALITY SAMPLE. ONLY A AND C HORIZONS ARE PRESENT. TALUS FINES ABOVE QTZ,SLC WITH 1-2 % QTZ VEINS.	7	505924	7097662	NAD 27	A9923133
VR83333A	Sixty Mile	SL	RD	19990710	POOR	POOR QUALITY SAMPLE. NO B HORIZON DEVELOPED. IN SAMPLE AREA HAVE A - C HORIZON ABOVE QTZ. THERE IS PROBABLE ASH AND OR LOESS CONTAMINATION IN HORIZON A.	7	505897	7097740	NAD 27	A9923133
VR83334A	Sixty Mile	SL	RD	19990710	POOR	POOR SAMPLE TAKEN FROM FROZEN GROUND. NO B HORIZON DEVELOPED. TAKEN IN AREA OF SUB CROP WITH MINOR QTZ VEINS CROSSCUTTING.	7	505896	7097843	NAD 27	A9923133
VR83335A	Sixty Mile	SL	RD	19990711	MOD	MODERATE TO GOOD QUALITY B HORIZON SAMPLE.	7	506297	7098864	NAD 27	A9923451
VR83336A	Sixty Mile	SL	RD	19990711	MOD	MODERATE QUALITY SAMPLE WITH POSSIBLE ASH CONTAMINATION.	7	506213	7098959	NAD 27	A9923451
VR83337A	Sixty Mile	SL	RD	19990711	GOOD	GOOD QUALITY B HORIZON SAMPLE WITH LOTS OF SEDIMENTARY ROCK FRAGMENTS.	7	506163	7098958	NAD 27	A9923451
VR83338A	Sixty Mile	SL	RD	19990711	MOD	MODERATE QUALITY SAMPLE. B - C HORIZON?	7	506152	7099062	NAD 27	A9923451
VR83339A	Sixty Mile	SL	RD	19990711	MOD	MODERATE TO GOOD QUALITY SAMPLE. LOTS OF ROCK FRAGMENTS. B - C HORIZON?	7	506056	7099205	NAD 27	A9923451
VR83340A	Sixty Mile	SL	RD	19990711	MOD	MODERATE TO GOOD QUALITY SAMPLE WITH POSSIBLE ASH/LOESS CONTAMINATION.	7	506023	7099259	NAD 27	A9923451
VR83341A	Sixty Mile	SL	RD	19990711	MOD	MODERATE QUALITY SAMPLE.	7	505961	7099350	NAD 27	A9923451
VR83342A	Sixty Mile	SL	RD	19990711	MOD	MODERATE QUALITY SAMPLE TAKEN FROM FROZEN GROUND.	7	505857	7099427	NAD 27	A9923451
VR83343A	Sixty Mile	SL	RD	19990711	MOD	MODERATE TO GOOD QUALITY SAMPLE.	7	505831	7099406	NAD 27	A9923451
VR83344A	Sixty Mile	SL	RD	19990712	GOOD	GOOD QUALITY C HORIZON SAMPLE CONTAINING 10 % ANGULAR PHYLLITIC ROCK CHIPS.	7	505723	7099486	NAD 27	A9923451
VR83345A	Sixty Mile	SL	RD	19990712	MOD	MODERATE QUALITY SAMPLE. TAKEN FROM THE A - B TRANSITIONAL HORIZON. PHYLLITIC ROCK CHIPS ARE PRESENT WITHIN THE SAMPLE.	7	505646	7099516	NAD 27	A9923451
VR83346A	Sixty Mile	SL	RD	19990712	MOD	MODERATE TO GOOD QUALITY SAMPLE WITH 5 % PHYLLITE CHIPS. DUPLICATE SAMPLE.	7	505557	7099619	NAD 27	A9923451
VR83347A	Sixty Mile	SL	RD	19990712	GOOD	GOOD QUALITY B HORIZON SAMPLE WITH PHYLLITE CHIPS.	7	505491	7099660	NAD 27	A9923451
VR83348A	Sixty Mile	SL	RD	19990712	MOD	MODERATE TO GOOD SAMPLE WITH 5 % PHYLLITE CHIPS. DUPLICATE SAMPLE.	7	505557	7099619	NAD 27	A9923451
VR83349A	Sixty Mile	SL	RD	19990712	POOR	POOR QUALITY SAMPLE WHICH HAS BEEN CONTAMINATED BY ASH AND LOESS.	7	505403	7099703	NAD 27	A9923451
VR83350A	Sixty Mile	SL	RD	19990712	MOD	MODERATE QUALITY SAMPLE WITH ABUNDANT PHYLLITE AND QZT ROCK CHIPS.	7	505287	7099762	NAD 27	A9923451
VR83351A	Sixty Mile	SL	RD	19990712	MOD	MODERATE QUALITY SAMPLE WITH PHYLLITIC ROCK CHIPS.	7	505238	7099819	NAD 27	A9923451

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR83332A		9	135.5	0	0.58	0.91	-10	80	0.2	0.22	0.04	0.26	2.8	14	23.8	2.06	5.6	-0.1	0.07	0.03	-10	0.04	135	2
VR83333A		71	514	0	1.62	1.98	-10	230	0.35	0.29	0.12	0.28	10	27	30.6	3.28	6.3	-0.1	0.16	0.07	10	0.37	480	2.2
VR83334A		16	284	0	0.78	1.58	-10	120	0.2	0.18	0.11	0.2	9.8	22	16	3.06	5.1	-0.1	0.1	0.04	-10	0.34	500	2
VR83335A		10	106.5	0	0.92	2.08	-10	390	0.45	0.27	0.26	0.64	17	42	49.8	4.23	6.1	-0.1	0.11	0.07	10	0.43	1135	4.2
VR83336A		-1	30	0	0.44	1.28	-10	200	0.25	0.18	0.17	0.42	8.2	22	18	2.39	4.8	-0.1	0.04	0.06	-10	0.28	900	1.8
VR83337A		13	104.5	0	0.72	1.7	-10	310	0.35	0.23	0.22	0.54	10.2	33	33.8	3.29	5.1	-0.1	0.07	0.05	10	0.41	570	3
VR83338A		10	125	0	0.68	1.84	-10	340	0.35	0.26	0.21	0.64	10	32	40.2	3.7	5.9	-0.1	0.06	0.07	-10	0.38	570	2.4
VR83339A		9	72.6	0	0.44	1.27	-10	140	0.3	0.22	0.09	0.48	11.2	26	29.6	3.3	4.3	-0.1	0.05	0.06	-10	0.27	580	2.6
VR83340A		8	48.8	0	0.88	2.01	-10	240	0.5	0.26	0.18	0.3	8.6	74	39.2	3.86	6.1	-0.1	0.07	0.06	10	0.47	455	2.6
VR83341A		10	151	0	0.68	1.74	-10	200	0.35	0.22	0.16	0.5	9	43	35.6	3.46	5.3	-0.1	0.06	0.05	-10	0.4	530	2.6
VR83342A		18	110.5	0	0.5	1.98	-10	260	0.4	0.23	0.17	0.48	13.4	36	40.2	3.9	5.7	-0.1	0.06	0.06	10	0.39	790	2.6
VR83343A		6	68.2	0	0.44	2.41	-10	290	0.45	0.29	0.14	0.64	12.6	37	45.8	4.29	7.1	-0.1	0.07	0.06	10	0.42	720	2.6
VR83344A		8	53	0	0.44	1.26	-10	180	0.25	0.19	0.1	0.7	8.6	26	43.6	3.37	3.6	-0.1	0.05	0.04	10	0.26	595	2.4
VR83345A		6	53	0	0.44	1.68	-10	220	0.45	0.22	0.18	0.46	10.4	29	37	3.16	4.9	-0.1	0.07	0.05	-10	0.33	775	2
VR83346A		18	136.5	0	0.56	1.08	-10	180	0.25	0.21	0.11	0.64	9	25	41.6	3.59	3.2	-0.1	0.04	0.04	10	0.19	490	3
VR83347A		5	24	0	0.38	1.58	-10	200	0.4	0.21	0.08	0.36	7.6	29	37.2	3.13	4.8	-0.1	0.06	0.04	-10	0.31	350	2.4
VR83348A		46	145.5	0	0.54	1.04	-10	180	0.25	0.22	0.12	0.68	9.4	24	43.4	3.52	3.6	-0.1	0.04	0.04	10	0.19	465	3.2
VR83349A		3	34	0	0.42	1.24	-10	130	0.3	0.2	0.07	0.46	6	21	24.4	2.68	4.9	-0.1	0.04	0.04	-10	0.21	300	2.4
VR83350A		9	86	0	0.26	1.5	-10	230	0.5	0.2	0.14	0.66	12.2	28	37.6	3.37	4.5	-0.1	0.02	0.05	10	0.36	695	2.8
VR83351A		25	76.6	0	0.38	1.96	-10	300	0.45	0.21	0.15	0.78	14.4	33	45	3.89	5.5	-0.1	0.04	0.05	10	0.38	700	2.4

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR83332A	0.01	5	450	32	0.04	3.7	-1	11	0	0.06	0.06	0.75	54	0.5	28	F	
VR83333A	0.01	15	920	62	0.03	3.6	3	21	0	0.05	0.16	1.5	55	1.35	66	F	
VR83334A	0.01	11	660	36	0.03	2.7	1	14	0	0.05	0.1	0.7	52	0.9	46	F	
VR83335A	0.01	33	1050	12	0.02	0.8	4	32	0.1	0.05	0.12	1.95	65	0.25	128	F	
VR83336A	-0.01	13	610	6	0.01	0.4	1	21	0.05	0.04	0.08	0.7	43	0.15	64	F	
VR83337A	0.01	25	920	14	0.02	0.8	3	27	0.05	0.04	0.1	1.75	53	0.25	102	F	
VR83338A	0.01	29	940	12	0.02	0.5	3	26	0.05	0.04	0.1	1.3	56	0.3	144	F	
VR83339A	0.01	27	770	10	0.03	0.6	1	18	0.05	0.04	0.08	0.85	49	0.25	128	F	
VR83340A	0.01	42	850	8	0.03	0.5	4	24	0.05	0.04	0.12	1.35	64	0.8	112	F	
VR83341A	0.01	34	800	12	0.03	0.7	3	21	0.05	0.04	0.12	1.45	58	0.25	130	F	
VR83342A	0.01	32	730	12	0.02	0.6	3	26	0.05	0.06	0.1	1.65	64	0.25	142	F	
VR83343A	0.01	36	660	12	0.02	0.7	4	24	0.05	0.06	0.12	1.65	72	0.3	146	F	
VR83344A	0.01	38	670	10	0.01	0.6	3	18	0.05	0.05	0.08	1.7	47	0.25	180	F	
VR83345A	0.01	33	670	6	0.02	0.5	3	25	0.05	0.05	0.1	1.4	46	0.2	148	F	
VR83346A	0.01	44	1000	12	0.03	0.6	2	18	0.05	0.04	0.1	1.45	41	0.15	230	T	VR83348A
VR83347A	0.01	25	610	10	0.01	0.7	3	15	0.05	0.05	0.1	1.45	50	0.2	102	F	
VR83348A	0.01	42	970	14	0.02	0.6	1	18	0.05	0.04	0.12	1.45	40	0.15	220	T	VR83346A
VR83349A	0.01	23	800	14	0.02	0.6	1	12	0.05	0.04	0.08	1.3	45	0.2	118	F	
VR83350A	0.01	28	830	12	0.01	0.9	3	21	0.05	0.05	0.1	1.75	53	0.25	140	F	
VR83351A	0.01	39	870	8	0.01	1.1	4	21	0.05	0.07	0.1	1.4	62	0.25	158	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR83352A	Sixty Mile	SL	RD	19990712	GOOD	GOOD QUALITY B - C HORIZON SAMPLE. HIGH MICA CONTENT IN SOIL.	7	504843	7100360	NAD 27	A9923451
VR83353A	Sixty Mile	SL	RD	19990712	GOOD	GOOD QUALITY B - C HORIZON SAMPLE.	7	504842	7100312	NAD 27	A9923451
VR83354A	Sixty Mile	SL	RD	19990712	POOR	POOR QUALITY C HORIZON SAMPLE. SAMPLING IN SUBCROP WITH ASH/LOESS CONTAMINATION!!	7	504893	7100312	NAD 27	A9923451
VR83355A	Sixty Mile	SL	RD	19990712	POOR	POOR QUALITY C HORIZON SAMPLE WITH LOESS/ASH CONTAMINATION.	7	504894	7100361	NAD 27	A9923451
VR83356A	Sixty Mile	SL	RD	19990712	POOR	POOR QUALITY C HORIZON SAMPLE WITH LOESS/ASH CONTAMINATION.	7	504894	7100411	NAD 27	A9923451
VR83357A	Sixty Mile	SL	RD	19990712	POOR	POOR TO MODERATE B/C HORIZON SAMPLE WITH POSSIBLE ASH CONTAMINATION.	7	504842	7100412	NAD 27	A9923451
VR83358A	Sixty Mile	SL	RD	19990712	MOD	MODERATE QUALITY B/C HORIZON SAMPLE WITH POSSIBLE LOESS/ASH CONTAMINATION.	7	504828	7100412	NAD 27	A9923451
VR83359A	Sixty Mile	SL	RD	19990712	POOR	POOR QUALITY B/C HORIZON SAMPLE WITH ASH/LOESS CONTAMINATION.	7	504793	7100362	NAD 27	A9923451
VR83360A	Sixty Mile	SL	RD	19990712	MOD	Moderate Quality B Horizon. Loess/Ash Contamination.	7	504792	7100329	NAD 27	A9923451
VR83361A	Sixty Mile	SL	RD	19990715	GOOD	brx/abx subcrop.	7	510621	7097591	NAD 27	A9923569
VR83362A	Sixty Mile	SL	RD	19990715	MOD	20cm to andesite subcrop. Ash present. Green chalcedonic qtz present in andesites.	7	510596	7097790	NAD 27	A9923569
VR83363A	Sixty Mile	SL	RD	19990715	MOD	Andesite subcrop. A/B horizon.	7	510515	7097975	NAD 27	A9923569
VR83364A	Sixty Mile	SL	RD	19990715	GOOD	Andesite subcrop and chips.	7	510330	7098018	NAD 27	A9923569
VR83365A	Sixty Mile	SL	RD	19990715	GOOD	Andesite subcrop/chips.	7	510330	7098018	NAD 27	A9923569
VR83383A	Sixty Mile	SL	RD	19990721	MOD	B-C horizon / graphitic sample.	7	502644	7102745	NAD 27	A9924198
VR83384A	Sixty Mile	SL	RD	19990721	MOD		7	502565	7102672	NAD 27	A9924198
VR83385A	Sixty Mile	SL	RD	19990721	MOD		7	502565	7102672	NAD 27	A9924198
VR83386A	Sixty Mile	SL	RD	19990721	GOOD		7	502581	7102527	NAD 27	A9924198
VR83387A	Sixty Mile	SL	RD	19990722	MOD	Chips of very oxidized andesite chips. Duplicating VR82614 (92 ppb Au).	7	512356	7098359	NAD 27	A9924198
VR83388A	Sixty Mile	SL	RD	19990722	GOOD	Good quality B horizn sample or oxidized and chips?	7	512380	7098410	NAD 27	A9924198
VR83389A	Sixty Mile	SL	RD	19990722		Good quality b horizon sample and outcrop.	7	512400	7098520	NAD 27	A9924198
VR83390A	Sixty Mile	SL	RD	19990722	GOOD	50m west on road from 83387. With oxidized OR and chips.	7	512340	7098310	NAD 27	A9924198
VR83391A	Sixty Mile	SL	RD	19990722	GOOD	Oxidized and chips present. 50m west of 83390.	7	512320	7098270	NAD 27	A9924198
VR83392A	Sixty Mile	SL	RD	19990722	MOD	50m west on road from 83391. Oxidized and subcrop.	7	512300	7098220	NAD 27	A9924198
VR83393A	Sixty Mile	SL	RD	19990722	MOD	50m west on road from 83392. Moderate quality sample. Oxidized and subcrop.	7	512280	7098170	NAD 27	A9924198
VR83394A	Sixty Mile	SL	RD	19990722	GOOD	50m west on road from 83393.	7	512240	7098130	NAD 27	A9924198
VR83395A	Sixty Mile	SL	RD	19990722	GOOD	Fresh andesite subcrop.	7	512230	7098080	NAD 27	A9924198
VR83396A	Sixty Mile	SL	RD	19990722	GOOD	Bleached white and subcrop.	7	512200	7098000	NAD 27	A9924198
VR83397A	Sixty Mile	SL	RD	19990722	MOD	A/B horizon. Burnt wood chips mixed in with oxidized andesite chips.	7	512101	7098030	NAD 27	A9924198
VR83398A	Sixty Mile	SL	RD	19990722	GOOD	Past fresh looking and outcrops/subcrop.	7	512150	7098080	NAD 27	A9924198
VR83399A	Sixty Mile	SL	RD	19990722	GOOD		7	512180	7098146	NAD 27	A9924198

Sample Number	Second Certificate	Au ppb	As ppm	Au g/t	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 %	Mn ppm	Mo ppm
VR83352A		11	83.2	0	0.5	0.53	-10	60	0.1	0.34	-0.01	0.04	1.4	11	25	2.55	2.7	-0.1	-0.01	0.05	30	0.06	45	2.2
VR83353A		135	27.4	0	0.16	1.9	-10	110	0.35	0.18	0.11	0.42	10.8	31	37.2	3.7	4.9	-0.1	0.04	0.05	10	0.43	515	1.6
VR83354A		2	13.8	0	0.22	1.09	-10	70	0.25	0.12	0.08	0.38	9.2	14	27.4	1.91	3.8	-0.1	0.03	0.04	-10	0.16	720	1.2
VR83355A		12	22	0	0.36	1.97	-10	140	0.35	0.19	0.1	0.66	16	34	51.1	3.92	5.1	-0.1	0.06	0.05	10	0.5	865	3.6
VR83356A		10	30.2	0	0.2	1.45	-10	130	0.35	0.2	0.07	1.32	11.4	29	49.6	3.45	5.1	-0.1	0.04	0.03	10	0.2	775	3.4
VR83357A		3	39.6	0	0.26	1.79	-10	70	0.3	0.21	0.06	0.26	8.4	25	21	3.59	6.8	-0.1	0.04	0.03	-10	0.3	465	2
VR83358A		11	24	0	0.4	1.86	-10	100	0.45	0.23	0.11	0.3	10	29	35.2	3.38	5.5	-0.1	0.07	0.05	-10	0.39	405	2.4
VR83359A		20	50.2	0	0.34	2.52	-10	150	0.45	0.26	0.07	0.26	9	31	31.6	3.89	6	-0.1	0.05	0.04	-10	0.34	240	2.8
VR83360A		8	34.2	0	0.34	1.37	-10	80	0.3	0.19	0.07	0.24	5.8	26	31.6	3.19	4.5	-0.1	0.03	0.04	-10	0.32	295	2.4
VR83361A		10	10.8	0	0.06	3.18	-10	470	0.85	0.19	0.11	0.4	9.2	36	18.4	3.73	7.3	-0.1	0.04	0.05	10	0.44	295	1.4
VR83362A		8	6.2	0	0.16	1.56	-10	650	0.8	0.15	0.37	0.32	8.8	28	15.6	3.79	4.5	-0.1	0.28	0.04	10	0.27	615	1.2
VR83363A		2	5	0	0.14	2.28	-10	630	0.85	0.11	0.82	0.22	11	32	20	3.04	6.4	-0.1	0.06	0.07	10	0.83	740	1.2
VR83364A		4	4.4	0	0.06	2.23	-10	410	1.05	0.12	0.67	0.1	9.8	33	16.8	3.45	5.7	-0.1	0.04	0.05	10	0.48	535	0.6
VR83365A		2	3.8	0	0.06	2.04	-10	410	1.15	0.11	0.64	0.12	9.2	29	18	3.2	5.4	-0.1	0.04	0.04	10	0.43	505	0.6
VR83383A		5	72.2	0	0.26	2.5	-10	200	0.6	0.24	0.22	0.14	11.6	135	46.4	2.91	6.4	-0.1	0.04	0.09	20	1.52	280	0.6
VR83384A		37	125.5	0	0.44	2.67	-10	160	0.4	0.17	0.13	0.1	13.6	154	41.6	3.97	8	0.1	0.05	0.12	10	1.82	400	1
VR83385A		19	117.5	0	0.4	2.57	-10	160	0.45	0.16	0.13	0.1	13.6	142	42.8	3.79	7.6	-0.1	0.05	0.12	10	1.75	475	1.2
VR83386A		8	750	0	0.4	0.99	-10	180	0.7	0.2	0.16	0.64	28.6	64	110	5.42	3.4	-0.1	0.03	0.1	10	0.57	2190	2.2
VR83387A		4	7	0	0.08	1.81	-10	330	0.6	0.12	0.7	0.12	8.8	41	24	2.54	5.5	-0.1	0.07	0.04	10	0.66	340	1
VR83388A		4	5.8	0	0.12	1.91	-10	390	0.75	0.12	0.82	0.22	9.4	37	19.6	2.67	5.4	-0.1	0.07	0.05	10	0.57	480	1
VR83389A		-1	6.4	0	0.08	2.11	-10	370	0.65	0.16	0.31	0.14	6.4	29	17.4	2.66	6.2	-0.1	0.03	0.05	10	0.45	220	1.2
VR83390A		2	5.2	0	0.16	1.62	-10	450	1.1	0.1	1.03	0.3	8	30	18.8	2.48	4.5	-0.1	0.1	0.05	20	0.48	590	1.2
VR83391A		-1	6.2	0	0.14	1.56	-10	600	1.15	0.1	0.91	0.46	8.6	22	17	2.6	4.4	-0.1	0.08	0.05	20	0.4	890	1.6
VR83392A		2	4.8	0	0.16	1.21	-10	670	1.65	0.07	1.69	1	8.8	17	19.8	2.13	3.1	-0.1	0.11	0.05	20	0.32	1120	1.6
VR83393A		3	4.2	0	0.1	1.51	-10	390	0.9	0.09	1.29	0.26	5.8	22	15.8	2.01	4.1	-0.1	0.06	0.05	10	0.43	455	1
VR83394A		4	5.2	0	0.1	1.67	-10	400	1	0.11	0.87	0.18	6.8	23	15.4	2.37	4.5	-0.1	0.06	0.05	10	0.45	505	1
VR83395A		2	6.6	0	0.08	1.73	-10	400	0.85	0.11	0.64	0.08	7	26	16.8	2.58	4.8	-0.1	0.05	0.06	10	0.45	385	1.2
VR83396A		5	3.6	0	0.16	1.72	-10	320	1.55	0.04	0.66	0.14	7.6	21	15.2	2.87	6.2	0.1	0.04	0.08	40	0.78	925	2
VR83397A		3	4.8	0	0.12	1.74	-10	430	1.2	0.09	0.91	0.16	6.6	22	19.4	2.3	5.3	-0.1	0.03	0.04	30	0.48	500	0.8
VR83398A		2	3.2	0	0.06	1.62	-10	490	2.2	0.03	0.62	0.12	6.4	15	9.2	2.8	4.3	-0.1	0.05	0.1	30	0.44	995	2
VR83399A		-1	4.6	0	0.06	1.74	-10	370	0.85	0.1	0.68	0.12	7.4	26	12	2.59	5.1	-0.1	0.01	0.06	10	0.41	430	1.2

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR83352A	0.01	10	560	20	0.04	2	-1	8	0.15	-0.01	0.4	1.25	16	0.15	74	F	
VR83353A	0.01	35	670	2	0.01	0.6	3	11	0.05	0.05	0.12	1.35	51	0.2	152	F	
VR83354A	0.03	17	590	2	0.02	0.5	-1	10	-0.05	0.04	0.08	1.05	31	0.1	72	F	
VR83355A	0.01	49	720	6	0.03	1.3	3	13	0.05	0.06	0.12	3.45	57	0.25	208	F	
VR83356A	0.01	43	650	2	0.02	0.9	2	12	0.05	0.03	0.1	2.6	54	0.2	212	F	
VR83357A	0.01	19	490	2	0.02	0.7	1	9	0.05	0.07	0.1	0.7	59	0.25	90	F	
VR83358A	0.01	25	610	8	0.03	1.4	2	12	0.05	0.06	0.1	1.25	59	0.25	108	F	
VR83359A	0.01	26	490	16	0.02	1.1	3	10	0.15	0.06	0.14	1.15	58	0.2	102	F	
VR83360A	0.01	22	670	8	0.02	1	1	11	0.05	0.05	0.1	1.65	54	0.15	98	F	
VR83361A	0.01	21	260	22	-0.01	0.4	4	16	0.1	0.06	0.14	0.6	72	0.5	82	F	
VR83362A	0.02	13	670	22	0.01	0.4	7	27	-0.05	0.06	0.6	1	73	0.95	124	F	
VR83363A	0.02	18	900	18	0.01	0.2	8	73	-0.05	0.04	0.1	0.85	64	0.25	72	F	
VR83364A	0.02	13	920	4	-0.01	0.3	9	76	-0.05	0.02	0.1	0.6	70	0.1	70	T	VR83365A
VR83365A	0.02	13	850	8	-0.01	0.1	8	71	-0.05	0.02	0.08	0.6	66	0.1	64	T	VR83364A
VR83383A	0.01	108	420	12	0.01	2.5	6	14	0.05	0.06	0.24	0.8	60	0.2	66	F	
VR83384A	0.01	82	580	2	0.01	1.1	7	11	-0.05	0.07	0.24	0.65	84	0.15	90	T	VR83385A
VR83385A	0.01	78	560	6	0.02	1.2	7	12	0.05	0.07	0.2	0.7	83	0.3	92	T	VR83384A
VR83386A	0.01	103	920	8	0.08	6.2	8	30	0.1	-0.01	0.24	2.45	50	0.3	142	F	
VR83387A	0.03	18	610	8	0.01	0.5	6	51	-0.05	0.05	0.06	1.4	52	0.45	56	T	VR82614A
VR83388A	0.02	16	600	12	0.02	0.4	6	55	-0.05	0.05	0.08	1.35	52	0.4	82	F	
VR83389A	0.02	12	280	6	-0.01	0.4	4	29	-0.05	0.06	0.08	0.95	53	0.3	50	F	
VR83390A	0.02	13	580	14	0.03	0.5	6	70	-0.05	0.04	0.1	1.4	44	0.4	76	F	
VR83391A	0.02	13	470	20	0.02	0.4	4	64	-0.05	0.03	0.08	1.5	46	0.4	72	F	
VR83392A	0.01	14	710	20	0.05	0.6	4	112	-0.05	0.01	0.1	2.65	36	0.45	72	F	
VR83393A	0.03	11	640	6	0.04	0.4	4	106	-0.05	0.03	0.08	0.95	37	0.3	56	F	
VR83394A	0.03	12	440	6	0.01	0.4	4	76	-0.05	0.04	0.06	1.05	43	0.35	52	T	VR82615A
VR83395A	0.02	13	250	6	0.01	0.4	4	60	-0.05	0.04	0.08	0.95	49	0.3	50	F	
VR83396A	0.02	9	850	16	-0.01	0.2	7	44	-0.05	0.01	0.06	0.7	44	0.3	62	F	
VR83397A	0.03	13	290	2	0.01	0.3	4	72	-0.05	0.03	0.06	1.05	42	0.25	44	F	
VR83398A	0.01	7	670	14	0.01	0.1	5	50	-0.05	-0.01	0.08	0.9	35	0.25	54	F	
VR83399A	0.03	14	250	4	0.01	0.3	4	62	0.05	0.04	0.08	0.9	50	0.35	48	F	

Sample Number	Property	Sample Type	Geologist	Sample Date	Sample Quality	NOTES	UTM ZONE	UTM EAST	UTM NORTH	DATUM	First Certificate
VR83400A	Sixty Mile	SL	RD	19990722	GOOD	With frags. 100m upslope from VR82614 (92 ppb Au).	7	512200	7098250	NAD 27	A9924198
VR83401A	Sixty Mile	SL	RD	19990722	GOOD	Oxidized andesite chips.	7	512216	7098326	NAD 27	A9924198
VR83402A	Sixty Mile	SL	RD	19990722	MOD		7	512228	7098433	NAD 27	A9924198
VR83403A	Sixty Mile	SL	RD	19990722	MOD	Rare oxidized and chips.	7	512492	7098555	NAD 27	A9924198
VR83404A	Sixty Mile	SL	RD	19990722	MOD	Rare oxidized and frags.	7	512478	7098449	NAD 27	A9924198
VR83405A	Sixty Mile	SL	RD	19990722	MOD	Rare oxidized and frags.	7	512478	7098449	NAD 27	A9924198
VR83406A	Sixty Mile	SL	RD	19990722	MOD		7	512441	7098353	NAD 27	A9924198
VR83407A	Sixty Mile	SL	RD	19990722	MOD	Frozen ground. Ash contamination? Rare oxidized and frags.	7	512414	7098276	NAD 27	A9924198
VR83408A	Sixty Mile	SL	RD	19990722	MOD	Frozen ground. Rare oxidized and chips.	7	512360	7098161	NAD 27	A9924198
VR83409A	Sixty Mile	SL	RD	19990722	MOD	A/B horizon.	7	512330	7098090	NAD 27	A9924198
VR83410A	Sixty Mile	SL	RD	19990722	MOD	A/B horizon. Ash contamination?	7	512286	7098020	NAD 27	A9924198

Sample	Second	Au	As	Au	Ag		B	Ba	Be	Bi		CD	Co	Cr	Cu		Ga	Ge	Hg		La		Mn	Mo
Number	Certificate	ppb	ppm	g/t	ppm	Al %	ppm	ppm	ppm	ppm	Ca %	ppm	ppm	ppm	ppm	Fe %	ppm	ppm	ppm	K %	ppm	Mg %	ppm	ppm
VR83400A		-1	5.2	0	0.04	1.43	-10	380	0.95	0.1	0.59	0.16	8.4	20	8.2	2.82	3.9	-0.1	0.06	0.06	10	0.32	690	1.4
VR83401A		-1	3.6	0	0.08	1.19	-10	300	0.25	0.09	0.53	0.1	5	22	9.8	2.05	4.1	-0.1	0.04	0.03	-10	0.3	185	1.4
VR83402A		3	7.4	0	0.08	1.91	-10	450	0.75	0.13	0.47	0.16	9.2	37	20	3.01	5.4	-0.1	0.05	0.05	10	0.58	420	1.4
VR83403A		2	5	0	0.1	1.89	-10	330	0.8	0.13	0.57	0.08	8.2	38	22	2.47	5.8	-0.1	0.06	0.04	20	0.59	440	1
VR83404A		4	7.6	0	0.16	1.92	-10	330	0.65	0.16	0.67	0.26	10	39	32.2	2.8	5.4	-0.1	0.05	0.05	10	0.65	515	1
VR83405A		-1	6.8	0	0.16	1.91	-10	330	0.75	0.16	0.7	0.32	10.2	39	49.4	2.71	5.5	-0.1	0.05	0.05	10	0.65	470	0.8
VR83406A		3	5.2	0	0.12	1.94	-10	330	0.8	0.12	0.67	0.12	9	45	25.2	2.65	5.7	-0.1	0.08	0.04	10	0.79	320	1
VR83407A		2	7.6	0	0.14	1.8	-10	380	0.8	0.13	0.73	0.12	11.4	39	21.4	3	5.2	-0.1	0.08	0.04	10	0.6	435	1.2
VR83408A		-1	5.4	0	0.16	1.49	-10	430	1.25	0.09	1.05	0.34	11	23	14	2.63	4.5	-0.1	0.07	0.05	10	0.46	1500	1.6
VR83409A		2	5.2	0	0.14	1.7	-10	370	1.05	0.11	1.08	0.2	7	25	19.2	2.33	4.6	-0.1	0.08	0.04	10	0.48	415	0.8
VR83410A		5	3.2	0	0.1	1.18	-10	460	1.3	0.06	1.57	0.14	5.6	13	17.2	1.6	3	-0.1	0.06	0.04	10	0.35	855	0.8

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Te ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Duplicate Pair	Resample Number
VR83400A	0.01	9	370	12	0.01	0.3	4	42	-0.05	0.03	0.1	0.75	49	0.45	68	F	
VR83401A	0.03	9	230	8	0.01	0.3	2	45	-0.05	0.04	0.08	0.45	48	0.35	40	F	
VR83402A	0.02	17	450	2	0.01	0.4	5	38	-0.05	0.07	0.08	0.75	60	0.25	66	F	
VR83403A	0.03	15	470	6	0.01	0.4	6	46	-0.05	0.07	0.08	1.55	50	0.4	58	F	
VR83404A	0.03	23	550	4	0.01	0.7	6	50	-0.05	0.07	0.08	1.65	54	0.35	68	T	VR83405A
VR83405A	0.03	23	580	4	0.02	0.6	6	52	-0.05	0.07	0.08	1.9	54	0.35	68	T	VR83404A
VR83406A	0.03	22	590	4	0.01	0.4	7	48	-0.05	0.07	0.08	1.85	56	0.4	62	F	
VR83407A	0.02	15	540	16	0.01	0.4	6	51	-0.05	0.05	0.1	2.1	63	0.4	66	F	
VR83408A	0.02	13	690	16	0.03	0.4	5	67	0.05	0.03	0.1	1.15	46	0.6	74	F	
VR83409A	0.03	12	470	10	0.03	0.4	5	87	-0.05	0.04	0.08	1.3	43	0.4	60	F	
VR83410A	0.03	11	560	6	0.05	0.4	2	130	-0.05	0.02	0.08	1.35	27	0.25	36	F	

APPENDIX F

PETROGRAPHIC REPORTS

KENNECOTT CANADA EXPLORTAION INC.
SIXTY MILE PROJECT
1999 THIN SECTION SAMPLES

SAMPLE	ZONE	EASTING	NORTHING	DATE	ON	Sampler	Samp Type	Property
30985	07W	505036	7102669	24-Aug-99	22:53	FA	OT	Sixty Mile
30983	07W	508279	7098279	24-Aug-99	22:52	FA	OT	Sixty Mile
30984	07V	509940	7095325	24-Aug-99	22:53	FA	OT	Sixty Mile
30982	07V	511100	7095860	24-Aug-99	22:51	FA	OT	Sixty Mile
30981	07V	511150	7096090	24-Aug-99	22:51	FA	OT	Sixty Mile
30980	07V	511140	7095970	24-Aug-99	22:51	FA	OT	Sixty Mile

Vancouver Petrographics Ltd.

8080 GLOVER ROAD, LANGLEY, B.C. V3A 4P9
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Report 990440 for:

Samples VR 30980 - 985 from Sixty Mile Property

Farrell Andersen,
Kennecott Canada, Inc.,
350 - 200 Granville Street,
Vancouver, B.C., V6C 1S4

September, 1999

Samples: VR30980 to VR30991 (12 thin sections)

Summary:

The samples have been divided into a few groups based on petrology. These groupings should be tested by comparison with their field relations.

A: Metamorphosed Rocks

These samples show abundant evidence of metamorphic textures, suggesting that they are from an "old" recrystallized basement. They all are dominated by K-feldspar and quartz and are leucocratic.

Sample VR30983 is a metamorphosed, leucocratic, fine to coarse grained granite dominated by K-feldspar (microcline), quartz, and plagioclase, with minor biotite (partly altered to muscovite) and pyrite (altered to hematite/limonite). Feldspar textures, including abundant myrmekite, and the presence of microcline indicate a metamorphic history. A veinlet is of hematite/limonite with lesser patches of cryptocrystalline kaolinite and sericite.

Sample VR30986 is a metamorphosed, very fine grained granite dominated by K-feldspar with lesser quartz and plagioclase. Ragged, very fine grained patches consist of plagioclase intergrown with lesser K-feldspar and quartz. These patches are intergrown with patches dominated by very fine grained K-feldspar and others dominated by fine grained quartz. Minor minerals are biotite, pyrite, and epidote. The texture is metamorphic in origin. Plagioclase is altered moderately to sericite-(epidote), and biotite is altered moderately to strongly to muscovite-(leucoxene).

Sample VR30991 is an augen gneiss containing scattered megacrysts of quartz and K-feldspar in a well foliated groundmass of quartz, K-feldspar, and lesser muscovite. The megacrysts may represent original phenocrysts in a rhyolite or coarser detrital grains in an arkosic siltstone. Alternately, the extremely fine grained texture of much of the groundmass may be the result of granulation of coarser primary grains. Quartz is segregated moderately into coarser grained patches and lenses. A few, tight microscopic folds are present. At one end is a large deformed vein of recrystallized quartz, much less abundant microcline, and minor muscovite.

B: Plutonic Felsic to Intermediate Igneous Rocks

These samples have a plutonic texture with little or no evidence of later recrystallization. In all, alteration is of a propylitic nature, with plagioclase altered slightly to moderately to sericite or sericite-(epidote), and mafic minerals altered to chlorite-carbonate, with or without epidote. Pyrite is a common accessory mineral.

Sample VR30984 is a fine to medium grained granodiorite dominated by plagioclase with lesser quartz, much less abundant K-feldspar, biotite, and epidote, and accessory pyrite and apatite. Plagioclase is altered slightly to moderately to sericite-(epidote). Biotite is replaced moderately to completely by pseudomorphic chlorite, epidote and leucoxene. A veinlet is of K-feldspar-pyrite-(chlorite).

Sample VR30988 is a fine to medium grained granodiorite containing subhedral plagioclase grains intergrown with lesser interstitial K-feldspar, and quartz, with much less abundant hornblende and biotite. Moderately abundant interstitial patches are of one or more of chlorite, epidote, opaque oxide, apatite, and sphene. Plagioclase is altered slightly to sericite and lesser epidote. Hornblende and biotite are replaced completely, mainly by chlorite and epidote.

Sample VR30990 is a slightly porphyritic, medium grained hornblende-biotite granodiorite dominated by plagioclase with interstitial patches of quartz, and less abundant hornblende, K-feldspar, and biotite. Plagioclase is altered slightly to moderately to sericite/muscovite. Hornblende is replaced completely by chlorite or chlorite-dolomite. Biotite is replaced by pseudomorphic chlorite-muscovite and lenses of leucoxene-limonite. Minor interstitial patches are dominated by chlorite or pyrite.

C: Hypabyssal Felsic Rocks

These samples contain phenocrysts of plagioclase and commonly lesser ones of quartz and mafic minerals in a much finer grained groundmass of equant texture suggestive of a hypabyssal origin. Alteration is moderate to strong in the phenocrysts, and much less intense in the groundmass..

Sample VR30980 is a hypabyssal, slightly porphyritic dacite/latite containing phenocrysts of plagioclase and a patch of quartz in a groundmass dominated by extremely fine grained plagioclase and minor quartz. Plagioclase is altered strongly in patches to sericite and dolomite, and the original texture (including phenocrysts) probably was destroyed in these areas. Irregular replacement patches up to a few mm across are of pyrite and much less abundant quartz and/or apatite. Replacement patches up to 1.5 mm in size are of quartz with minor to moderately abundant dolomite and kaolinite, and minor apatite.

Sample VR30981 is a hypabyssal, porphyritic dacite/latite containing phenocrysts of plagioclase and much less abundant ones of quartz and biotite in a groundmass of extremely fine grained plagioclase with lesser quartz and sericite and minor pyrite and apatite. Plagioclase phenocrysts are altered completely to sericite-dolomite. Biotite phenocrysts are altered completely to muscovite-dolomite. Kaolinite forms a few replacement patches.

Sample VR30982 is a hypabyssal, porphyritic dacite/latite containing phenocrysts of plagioclase and much less abundant ones of biotite and quartz in a groundmass of extremely fine grained plagioclase with much less sericite and quartz, scattered porphyroblasts of pyrite, and minor apatite and sphene. Plagioclase phenocrysts are altered completely to sericite-(dolomite), and biotite phenocrysts are altered completely to pseudomorphic muscovite and minor dolomite and leucoxene. Replacement patches up to several mm across are dominated by dolomite, with lesser plagioclase and kaolinite, and minor pyrite, quartz, and clinozoisite. This sample is similar to Sample VR30981.

Sample VR30985 is a hypabyssal porphyritic latite containing phenocrysts of plagioclase, lesser ones of hornblende, and minor ones of quartz, opaque oxide, and apatite in a groundmass dominated by extremely fine grained K-feldspar and plagioclase. Plagioclase phenocrysts are altered slightly to sericite. Hornblende phenocrysts are replaced completely by biotite/chlorite-calcite.

Sample VR30989 is a hypabyssal porphyritic latite containing phenocrysts of plagioclase and less abundant ones of hornblende/biotite and minor ones of quartz in a groundmass of very fine grained plagioclase with much less abundant biotite and quartz, and minor opaque. Coarser grained, interstitial patches are of one or more of quartz, pyrite, and chlorite. Plagioclase phenocrysts are replaced slightly by sericite. Mafic phenocrysts are replaced by very fine grained biotite, which locally is altered to chlorite. The groundmass in this sample is moderately coarser than in the other hypabyssal samples.

D: Intermediate Dike

This sample is distinctly different from the others, and probably represents a late dike.

Sample VR30987 is a porphyritic andesite containing phenocrysts of plagioclase and altered clinopyroxene in a groundmass of lathy plagioclase and interstitial clinopyroxene (altered to ankerite and hematite). Clinopyroxene is altered completely to ankerite-(hematite). A veinlet is of ankerite-(quartz).

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Sample VR30980 Hypabyssal Slightly Porphyritic Dacite/Latite; Replacement Patches Pyrite-Quartz-Dolomite-Kaolinite

Phenocrysts of plagioclase and a patch of quartz are set in a groundmass dominated by extremely fine grained plagioclase and minor quartz. Plagioclase is altered strongly in patches to sericite and dolomite, and the original texture (including phenocrysts) probably was destroyed in these areas. Irregular replacement patches up to a few mm across are of pyrite and much less abundant quartz and/or apatite. Replacement patches up to 1.5 mm in size are of quartz with minor to moderately abundant dolomite and kaolinite, and minor apatite.

phenocrysts	**abundance**	**main size range (mm)**	
plagioclase	4- 5%	0.3-1	(possibly more abundant, but destroyed)
quartz	0.3	0.5-1	
biotite	minor(?)	0.5-1	
groundmass			
plagioclase	40-45	0.02-0.05	
sericite	25-30	cryptocrystalline-0.02	
dolomite	15-17	cryptocrystalline-0.05	
quartz	2- 3	0.02-0.05	
replacement patches			
pyrite	3- 4	0.1-0.5	
quartz	2	0.03-0.05	
dolomite	1	0.05-0.1	
kaolinite	0.3	0.005-0.015	
apatite	minor	0.05-0.1	

Plagioclase forms subhedral, equant to slightly prismatic phenocrysts. In a few parts of the rock, they are replaced completely by dolomite and minor sericite, and outlines are recognizable against a groundmass dominated by sericite. In other parts of the rock, replacement may have been more intense, such that boundaries between phenocrysts and sericite-rich groundmass are uncertain.

Quartz forms a patch 1.8 mm across consists of a few anhedral grains with slightly strained extinction. It also forms minor, anhedral phenocrysts up to 0.15 mm long..

A few patches of sericite/dolomite have vague relic textures suggesting that they once were biotite phenocrysts up to 1 mm long.

In the groundmass, plagioclase and minor quartz form, equant, slightly interlocking grains. In much of the rock, plagioclase was replaced moderately and locally strongly to sericite and patches of dolomite.

Pyrite occurs in a few textures. Some replacement patches up to 1.5 mm across consist of skeletal patches of pyrite (0.05-0.5 mm) intergrown with groundmass plagioclase. Some irregular replacement patches up to a few mm across are dominated by pyrite, with much less abundant quartz and minor dolomite and sericite. One of these contains a cluster of a few subhedral apatite grains from 0.2-0.5 mm in size.

Several replacement patches from 0.5-1 mm in size are dominated by slightly interlocking quartz grains. Some quartz-rich replacement patches contain minor to moderately abundant patches of dolomite (0.05-0.1 mm) and kaolinite (0.01-0.015 mm). Apatite forms disseminated, equant, anhedral grains (0.03-0.05 mm) in a few patches.

Sample VR30981 Hypabyssal, Porphyritic Dacite/Latite

Phenocrysts of plagioclase and much less abundant ones of quartz and biotite are set in a groundmass of extremely fine grained plagioclase with lesser quartz and sericite and minor pyrite and apatite. Plagioclase phenocrysts are altered completely to sericite-dolomite. Biotite phenocrysts are altered completely to muscovite-dolomite. Kaolinite forms a few replacement patches.

phenocrysts	**abundance**	**main size range (mm)**	
plagioclase	10-12%	0.5-1.5	(a few grains 2-2.5 mm long)
quartz	1- 2	0.1-0.5	(one grain 1,2 mm across)
biotite	0.5-1	0.2-1	(one grain 1.7 mm across)
groundmass			
plagioclase	75-80	0.015-0.03	(a few grains up to 0.05 mm across)
quartz	4- 5	0.015-0.03	(a few grains up to 0.05 mm across)
sericite	3- 4	cryptocrystalline-0.02	
pyrite	1	0.05-0.5	
apatite	0.2	0.05-0.3	(a few from 0.4-0.5 mm long)
Ti-oxide/leucoxene	minor	0.02-0.05	
zircon	trace	0.02-0.05	
patches			
kaolinite	0.5	cryptocrystalline-0.01	

Plagioclase forms euhedral to subhedral, equant to prismatic phenocrysts Alteration is complete to cryptocrystalline to extremely fine grained sericite and dolomite.

Quartz forms subrounded phenocrysts. The large grain has a strong embayment on one side. Many grains have thin overgrowths that contain minor dusty inclusions of semi-opaque and sericite.

Biotite forms subhedral to euhedral, platy to equant phenocrysts. Alteration is complete to pseudomorphic muscovite and patches or lenses of dolomite. A few grains also contain irregular patches of limonite/hematite or leucoxene.

In the groundmass, plagioclase and minor quartz form equant, anhedral, slightly interlocking grains. Sericite forms interstitial grains and patches of grains.

Kaolinite forms a few irregular patches up to 0.5 mm in size of equant flakes.

Pyrite forms disseminated, anhedral to subhedral grains and clusters of a few grains.

Apatite forms euhedral to subhedral, prismatic to equant, disseminated grains. Grains contain moderately abundant semi-opaque to translucent, in part fluid inclusions up to 0.05 mm in size.

Ti-oxide/leucoxene forms a few clusters of anhedral, equant grains.

Zircon forms subhedral to euhedral prismatic grains and one acicular grain (0.05 mm long).

An irregular replacement patch 2 mm across is of very fine to fine grained dolomite with lesser quartz, kaolinite, and pyrite.

Sample VR30982 Hypabyssal, Porphyritic Dacite/Latite; Replacement Patches of Dolomite-Plagioclase-Kaolinite-(Pyrite-Quartz-Clinozoisite)

Phenocrysts of plagioclase and much less abundant ones of biotite and quartz are set in a groundmass of extremely fine grained plagioclase with much less sericite and quartz, scattered porphyroblasts of pyrite, and minor apatite and sphene. Plagioclase phenocrysts are altered completely to sericite-(dolomite), and biotite phenocrysts are altered completely to pseudomorphic muscovite and minor dolomite and leucoxene. Replacement patches up to several mm across are dominated by dolomite, with lesser plagioclase and kaolinite, and minor pyrite, quartz, and clinozoisite. This sample is similar to Sample VR30981.

phenocrysts	**abundance**	**main size range (mm)**
plagioclase	10-12%	0.3-1 (one prismatic grain 3.5 mm long)
biotite	2- 3	0.3-1.5
quartz	1	0.2-0.5
groundmass		
plagioclase	65-70	0.015-0.025
quartz	5- 7	0.015-0.025; a few grains from 0.04-0.07
sericite	5- 7	cryptocrystalline-0.03
pyrite	0.7	0.3-1.2
apatite	0.1	0.03-0.08
sphene	0.1	0.05-0.15 (one 0.8 mm long)
zircon	trace	0.05
replacement patches		
dolomite-plagioclase-(kaolinite-pyrite-quartz-clinozoisite) 3- 4		
kaolinite	1	cryptocrystaliine-0.01

Plagioclase forms euhedral to subhedral, mainly equant phenocrysts. A few lathy grains are from 1-3.5 mm long. Alteration is complete to cryptocrystalline to extremely fine grained sericite and much less abundant, irregular patches of cryptocrystalline dolomite. In some grains, dolomite is stained medium brown by limonite/hematite.

Biotite forms subhedral, equant to slightly elongate phenocrysts and clusters of a few phenocrysts. Alteration is complete to pseudomorphic muscovite with minor to moderately abundant patches of dolomite and minor disseminated Ti-oxide grains ranging from 0.01-0.03 mm in size.

Quartz forms subrounded phenocrysts, a few of which have poorly developed, partial overgrowths up to 0.02 mm thick. .

In the groundmass, plagioclase and quartz form slightly interlocking, equant grains. Quartz also forms scattered coarser, equant grains.

Sericite forms interstitial patches of grains and clusters of grains. The latter may be after original biotite in the groundmass.

A few patches from 0.3-0.5 mm in size are of equant flakes of kaolinite. Bordering most of these are patches of very fine grained dolomite and/or sericite. Some kaolinite patches occur on the margins of dolomite-plagioclase replacement patches.

Pyrite forms clusters up to 2 mm in size of anhedral to subhedral grains. One large pyrite grain occurs in a replacement patch of dolomite, suggesting a genetic relationship between the two minerals.

(continued)

Apatite forms subhedral to euhedral, prismatic to equant grains, many of which contain moderately abundant semi-opaque (in part fluid) inclusions mainly less than 0.005 mm in size. .

Sphene disseminated, anhedral patches and one large, subhedral wedge-shaped grain. It is altered completely to leucoxene.

Zircon forms a subhedral, prismatic grain bordering a biotite phenocryst.

A few replacement patches up to 2.5 mm in size are dominated by dolomite (0.07-0.2 mm, locally up to 1.7 mm) with less abundant patches of plagioclase (0.1-0.2 mm) and kaolinite (cryptocrystalline-0.01 mm) and minor quartz (0.01-0.02 mm), and clinozoisite (0.05-0.1 mm). Plagioclase is stained light brown by dusty limonite/hematite.

Sample VR30983 Metamorphosed Leucocratic Granite; Veinlets of Hematite/Limonite-Kaolinite-(Sericite)

The sample is a fine to coarse grained granite dominated by K-feldspar (microcline), quartz, and plagioclase, with minor muscovite (probably after biotite) and hematite/limonite (after pyrite). . Textures, including abundant myrmekite, and the presence of microcline indicate a metamorphic history. A veinlet is of hematite/limonite with lesser patches of cryptocrystalline kaolinite and sericite.

mineral	abundance	main size range (mm)	
K-feldspar	30-35	0.5-2.5 mm	
quartz	30-35	0.5-1.5	(a few up to 2.5 mm across)
plagioclase	30-35	0.3-1	
hematite/limonite	0.5	0.1-1	
muscovite	0.1	0.2-0.5	
zircon	trace	0.02-0.04	
veinlets			
hematite/limonite-kaolinite-sericite	0.5		

Plagioclase forms patches up to a few mm across of slightly interlocking grains whose textures suggest that they were formed by metamorphic recrystallization. Adjacent to microcline grains, plagioclase commonly has very irregular outlines and contains minor to moderately abundant, myrmekitic inclusions of quartz. Some of these grains also have rims up to 0.02 mm wide of moderately more sodic composition than the core of the grain. Plagioclase is altered slightly to locally moderately to flakes of muscovite and dusty hematite.

Microcline forms anhedral, in part porphyroblastic grains, commonly with moderately well developed microcline twins. A few grains contain minor subparallel lenses of exsolution albite.

Quartz forms anhedral grains intergrown coarsely with microcline. .

Pyrite forms equant, subhedral to anhedral grains that are replaced completely by opaque to deep brown hematite/limonite.

Biotite forms scattered anhedral to subhedral flakes. A few small flakes, mainly included in quartz, are pleochroic from light to medium-dark brownish green to green. Most biotite flakes are altered to pseudomorphic muscovite with minor to moderately abundant lenses of leucoxene. Some flakes of muscovite without such inclusions may be of metamorphic origin.

Zircon forms anhedral to subhedral, equant grains.

A veinlet 0.1-0.15 mm wide and a few smaller, discontinuous ones 0.02-0.05 mm wide are dominated by patches of dense hematite-limonite with .less abundant patches of cryptocrystalline kaolinite and/or sericite. Where the main veinlet crosses one large quartz grain, it is reduced to an incipient fracture.

Sample VR30984 Fine/Medium Grained Granodiorite; Veinlet K-feldspar-Pyrite

The sample is dominated by plagioclase with lesser quartz, much less abundant K-feldspar, biotite, and epidote, and accessory pyrite and apatite. Plagioclase is altered slightly to moderately to sericite-(epidote). Biotite is replaced moderately to completely by pseudomorphic chlorite, epidote and leucoxene. A veinlet is of K-feldspar-pyrite-(chlorite).

mineral	**abundance**	**main size range (mm)**	
plagioclase	55-60%	0.5-1.2	
quartz	17-20	0.2-0.8	
K-feldspar	8-10	0.2-0.7	(a few megacrysts up to 2 mm across)
biotite	7- 8	0.2-0.7	(a few from 0.8-1.2 mm long)
epidote	3- 4	0.2-0.7	(a few from 1-1.3 mm long)
pyrite	0.3	0.05-0.2	(pyrite and possibly pyrrhotite)
apatite	0.1	0.05-0.2	
sphene	minor	0.03-0.07	
zircon	trace	0.05-0.07	
veinlet			
K-feldspar-pyrite-(chlorite)	0.3		

Plagioclase forms anhedral, equant to slightly prismatic grains. A few show slight compositional growth zoning. A few grains adjacent to K-feldspar grains contain wormy, myrmekitic inclusions of quartz A few grains are replaced slightly to moderately along grain margins by K-feldspar. Alteration is slight to moderate to cryptocrystalline to extremely fine grained sericite . A few grains contain minor patches of epidote (0.03-0.1 mm).

Quartz forms anhedral grains

K-feldspar forms anhedral grains intergrown coarsely with plagioclase and quartz, including a few irregular, interstitial megacrysts up to 2 mm across.

Biotite forms anhedral to subhedral flakes and clusters of flakes. Near one end of the sample, alteration is moderate towards chlorite, with grains having pleochroism from light to medium brownish green. A few fresh biotite grains (0.05-0.07 mm) are included in quartz; these are pleochroic from light to medium brownish green. Elsewhere alteration is complete to pale to medium green, pseudomorphic chlorite, commonly with minor to moderately abundant patches of epidote (0.02-0.1 mm), and with disseminated lenses of leucoxene (0.01-0.03 mm) along cleavage planes. In a few grains, minor muscovite is intergrown with chlorite along cleavage planes. A few mafic patches with no relic biotite textures may be secondary after hornblende

Apart from secondary grains in altered plagioclase and biotite, epidote forms equant to prismatic, subhedral to euhedral grains commonly intergrown with quartz or associated with biotite. Some epidote grains are fractured coarsely and replaced along fractures by cryptocrystalline sericite-chlorite.

Opaque (pyrite and possible some pyrrhotite) forms an irregular, skeletal patch up to 1.3 mm long intergrown with chlorite (after biotite) and quartz. Apatite forms disseminated, prismatic grains and clusters of prismatic to equant grains mainly in quartz (late?) or associated with biotite (early?). Sphene forms a few clusters of anhedral grains, commonly associated with pyrite. It is altered moderately to strongly to leucoxene. Zircon forms a few equant to elongate, anhedral grains.

A veinlet 0.1-0.15 mm wide is of extremely fine grained K-feldspar with several patches up to 2 mm long of very fine grained pyrite and lesser disseminated flakes of extremely fine grained chlorite.

Sample VR30985 Hypabyssal Porphyritic Latite

Phenocrysts of plagioclase, lesser ones of hornblende, and minor ones of quartz, opaque oxide, and apatite are set in a groundmass dominated by extremely fine grained K-feldspar and plagioclase. Plagioclase is altered slightly to sericite. Hornblende is replaced completely by biotite/chlorite-calcite.

phenocrysts	**abundance**	**main size range (mm)**
plagioclase	15-17%	0.5-2.5
hornblende	4- 5	0.2-1
opaque	1- 2	0.1-0.4
quartz	0.2	0.2-0.4
apatite	minor	0.1-0.2
biotite	minor	0.3-0.5
groundmass		
K-feldspar	35-40	0.01-0.015
plagioclase	35-40	0.01-0.03
hornblende	1- 2	0.05-0.15
opaque	0.5	0.01-0.05

Plagioclase forms euhedral to subhedral phenocrysts, many of which show compositional growth zoning from cores of An_{54} to rims of An_{45-40} (Michel-Levy method). Many zoned grains also show weak oscillatory compositional zoning. Alteration is slight to moderate to cryptocrystalline sericite and minor patches of calcite, and is concentrated along networks of coarse fractures. .

Hornblende forms subhedral, equant to prismatic phenocrysts that are replaced completely by intergrowths of extremely fine to very fine grained biotite/chlorite, and disseminated leucoxene and opaque. Some grains also contain minor to abundant calcite intergrown intimately with biotite-chlorite. Calcite is most abundant in grains near one end of the section, in which it is dominant over biotite/chlorite.

Opaque (oxide) forms anhedral to subhedral phenocrysts. It probably is ilmenite with lesser hematite.

Quartz forms a few equant, subrounded phenocrysts and one irregular phenocryst.

Apatite forms subhedral to euhedral, stubby prismatic phenocrysts, commonly bordering hornblende phenocrysts

Biotite forms a few subhedral flakes with pleochroism from light to medium/dark-dark brown (nearly opaque)

The groundmass is uniform and is dominated by an intergrowth of equant to locally prismatic, subhedral to euhedral plagioclase grains surrounded by anhedral K-feldspar. Hornblende (altered as in the phenocrysts) forms disseminated grains which range up ion size to that of the hornblende phenocrysts. Opaque forms disseminated equant, anhedral to euhedral grains and clusters of a few grains. It also forms dusty to extremely fine, disseminated, equant grains.

APPENDIX G

CLAIM DATA

Indian and Northern Affairs Canada — Affaires indiennes et du Nord Canada

Claim Status Report

03 December 1999

	Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s
	AM 1 - 40	YB52734 - YB52773	2001/04/30	Kennecott Canada Expl. Inc.	100.00	116-B-08
	AM 47 - 57	YB52780 - YB52790	2001/04/30	Kennecott Canada Expl. Inc.	100.00	116-B-08
	AM 59 - 60	YB52791 - YB52792	2001/04/30	Kennecott Canada Expl. Inc.	100.00	116-B-08
	AM 61	YB52893	2001/04/30	Kennecott Canada Expl. Inc.	100.00	116-B-08
	AM 62 - 80	YB52794 - YB52812	2001/04/30	Kennecott Canada Expl. Inc.	100.00	116-B-08
	AM 81	YB52894	2001/04/30	Kennecott Canada Expl. Inc.	100.00	116-B-08
	AM 82 - 120	YB52814 - YB52852	2001/04/30	Kennecott Canada Expl. Inc.	100.00	116-B-08
R	Bud 1 - 24	YC07222 - YC07245	2008/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
	Buz 1 - 6	YB04013 - YB04018	2002/04/30	Kennecott Canada Expl. Inc.	100.00	116-B-08
R	Cici 1 - 34	YB67512 - YB67545	2006/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	CICI 35 - 47	YC07248 - YC07260	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Creek 1 - 2	YC04560 - YC04561	2008/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Creek 3 - 26	YC03738 - YC03761	2006/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Creek 27 - 30	YC05296 - YC05299	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Creek 31 - 38	YC07263 - YC07270	2005/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
	Hud 1 - 12	YB04001 - YB04012	2002/04/30	Kennecott Canada Expl. Inc.	100.00	116-B-08
R	Mary 1 - 8	YA47921 - YA47928	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Mary 9 - 16	YA47937 - YA47944	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Mary 17 - 24	YA47929 - YA47936	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Mary 25 - 30	YA55095 - YA55100	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Mary No. 1	Y 90228	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
	OM 1 - 18	YC07710 - YC07727	2000/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 19	YC07728	2002/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 20 - 29	YC07729 - YC07738	2000/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 30 - 31	YC07739 - YC07740	2002/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 32 - 33	YC07741 - YC07742	2000/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 34	YC07743	2002/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 35	YC07744	2000/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 36	YC07745	2002/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 37	YC07746	2001/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 38	YC07747	2002/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 39	YC07748	2001/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 40 - 41	YC07749 - YC07750	2002/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 42 - 49	YC07751 - YC07758	2000/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 50	YC07759	2002/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 51	YC07760	2000/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 52	YC07761	2002/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 53 - 55	YC07762 - YC07764	2001/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 56 - 60	YC07765 - YC07769	2002/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08
	OM 62 - 63	YC07770 - YC07771	2002/08/03	Kennecott Canada Expl. Inc.	100.00	116-B-08

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Total claims selected : 708

R - Indicates the claim is on one or more pending renewal(s).

P - Indicates the claim is pending.

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Claim Status Report

03 December 1999

	Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s
	PM 121 - 124	YB67734 - YB67737	2000/12/27	Kennecott Canada Expl. Inc.	100.00	116-B-08
	PM 132 - 135	YB67738 - YB67741	2000/12/27	Kennecott Canada Expl. Inc.	100.00	116-B-08
	PM 143 - 146	YB67742 - YB67745	2000/12/27	Kennecott Canada Expl. Inc.	100.00	116-B-08
	PM 149 - 155	YB67746 - YB67752	2000/12/27	Kennecott Canada Expl. Inc.	100.00	116-B-08
	PM 156 - 162	YB67753 - YB67759	2001/12/27	Kennecott Canada Expl. Inc.	100.00	116-B-08
	PM 163 - 193	YB67760 - YB67790	2000/12/27	Kennecott Canada Expl. Inc.	100.00	116-B-08
	PM 194	YB67791	2001/12/27	Kennecott Canada Expl. Inc.	100.00	116-B-08
R	Sixty 1 - 8	YC12289 - YC12296	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 9 - 16	YC12297 - YC12304	2003/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 17 - 33	YC12305 - YC12321	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 34 - 40	YC12322 - YC12328	2003/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 41 - 49	YC12329 - YC12337	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 50 - 61	YC12338 - YC12349	2002/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 62 - 87	YC12350 - YC12375	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 88	YC12376	2003/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 89 - 92	YC12377 - YC12380	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 93 - 96	YC12381 - YC12384	2002/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 97 - 103	YC12385 - YC12391	2003/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 104 - 109	YC12392 - YC12397	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 110 - 127	YC12398 - YC12415	2003/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 128	YC12416	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 129 - 136	YC12417 - YC12424	2003/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 137 - 143	YC12425 - YC12431	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 144 - 158	YC13419 - YC13433	2003/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Sixty 159 - 162	YC13434 - YC13437	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Sixty 163 - 176	YC13438 - YC13451	2003/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Sixty 177 - 178	YC13452 - YC13453	2002/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Sixty 179	YC13454	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 180	YC13455	2003/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 182 - 192	YC13457 - YC13467	2003/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15

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Total claims selected : 708

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Claim Status Report

03 December 1999

	Claim Name and Nbr	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s
R	Sixty 193 - 198	YC13468 - YC13473	2002/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 199	YC13474	2003/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 200 - 202	YC13475 - YC13477	2002/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 207 - 222	YC13482 - YC13497	2003/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 223 - 226	YC13498 - YC13501	2002/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 228	YC13503	2002/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 229 - 240	YC13504 - YC13515	2003/03/31	Kennecott Canada Expl. Inc.	100.00	115-N-15, 116-C-02
R	Sixty 241 - 255	YC13516 - YC13530	2002/03/31	Kennecott Canada Expl. Inc.	100.00	115-N-15
R	Sixty 256 - 257	YC13531 - YC13532	2004/03/31	Kennecott Canada Expl. Inc.	100.00	115-N-15, 116-C-02
R	Sixty 181	YC13456	2003/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Sixty 203 - 206	YC13478 - YC13481	2003/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
R	Sixty 227	YC13502	2002/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02, 115-N-15
	Tim's 1 - 4	YB53058 - YB53061	2001/01/09	Kennecott Canada Expl. Inc.	100.00	116-B-08
R	Uni 1 - 13	YB67499 - YB67511	2006/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Uni 14 - 17	YB88049 - YB88052	2006/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Uni 18 - 40	YB88681 - YB88703	2003/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Uni 41	YC04559	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	Uni 42 - 53	YC07371 - YC07382	2005/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02
R	WY 1 - 3	YA64267 - YA64269	2004/03/31	Kennecott Canada Expl. Inc.	100.00	116-C-02

Criteria(s) used for search:

CLAIM STATUS: ACTIVE & PENDING OWNER RPN: 1006901 REGULATION TYPE: QUARTZ

Left column indicator legend:

R - Indicates the claim is on one or more pending renewal(s).
P - Indicates the claim is pending.

Total claims selected : 708

Canada

APPENDIX H

1999 HIGH-SENSE REPORT

Logistics Report

for a

Helicopterborne Magnetic and Radiometric Survey

within

Yukon, Canada

Carried out on behalf of

Kennecott Canada Exploration Inc.

By

High-Sense Geophysics Limited

Toronto, Canada
September, 1999
990712-1

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1. INTRODUCTION

In July 1999, High-Sense Geophysics Limited was contracted by Kennecott Canada Exploration Inc. to provide a high-resolution, high-precision, helicopterborne magnetic and radiometric survey over a single block located in Yukon, Canada.

The survey was flown between August 2, 1999 and August 8, 1999 with a total of 9 sorties. A total of 645.8 line-km of total field magnetic and radiometric data, flown at a nominal line spacing of 200 m, was collected and processed on site.

The technical objective of the survey was to provide high resolution magnetic and radiometric maps, suited for anomaly definition, detailed structural evaluation and identification of lithologic trends. All magnetic, radiometric, positioning, and altimeter data were recorded in a digital format. Fully corrected magnetic and radiometric maps were prepared at the Toronto High-Sense office after completion of survey activities.

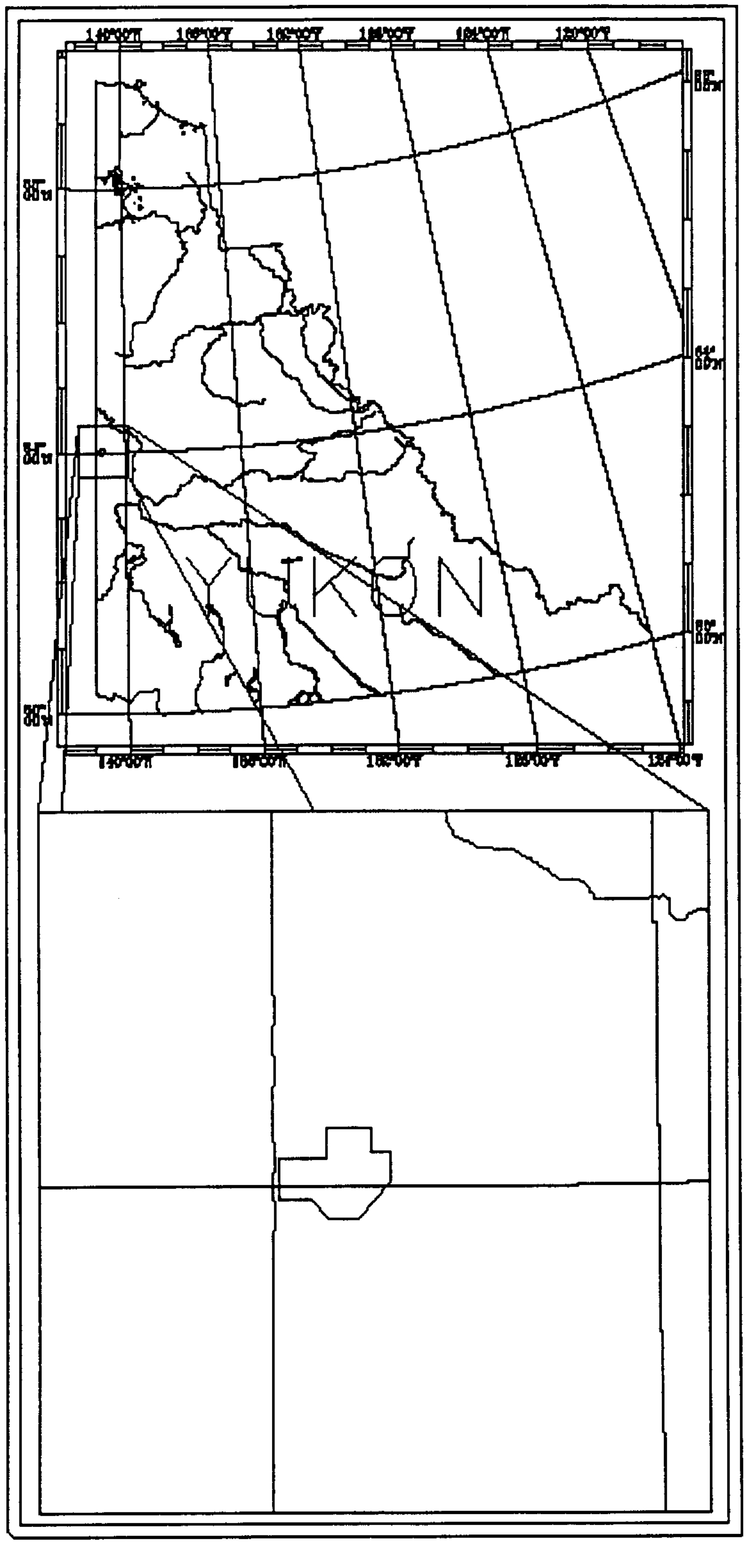
2. LOCATION

The Survey Block is located in the Yukon Territory, approximately 75 km west of Dawson, Yukon and 15km southeast of Boundary, Alaska. The Survey area consists of an 110 km^2 block defined by UTM coordinates listed below. See Figure 1, Survey location map, for more details.

Survey Block (central meridian 141° W, Zone 7)

Corner	Easting	Northing
1	506602	7103959
2	512705	7103959
3	512731	7101085
4	514991	7101094
5	514991	7097077
6	510792	7092653
7	507191	7092757
8	504585	7095085
9	500750	7095077
10	500784	7100133
11	506611	7100150

Figure 1 – Survey Location Map



3. AIRCRAFT AND EQUIPMENT

3.1 Aircraft

The aircraft used was a Bell 206B helicopter (C-GBJZ) owned and operated by Fireweed Helicopters.

3.2 Airborne Geophysical System

3.2.1 Geophysical Flight Control System

The HS-GFCS-II geophysical flight control system designed and built by High-Sense Geophysics controlled, monitored and recorded the operation of all the geophysical and ancillary sensors. Input from the various sensors was monitored every 0.005 s for precise coordination of geophysical and positional measurements. GPS positional coordinates and terrain clearance were presented to the pilot by means of an LCD touch screen display. The magnetometer response, 4th difference, and altimeter profile were also shown on the LCD touch screen display for real-time monitoring of equipment performance.

3.2.2 Airborne Magnetometer

A Scintrex CS-2 magnetometer sensor was mounted in a bird towed 30 m below the helicopter. The adjustable sensor orientation provides optimum coupling with the earth's magnetic field on reciprocal headings. The magnetometer has a sensitivity of better than 0.01 nT at a sampling interval of 0.1 s, and has the capability to measure ambient magnetic fields from 10,000 nT to greater than 100,000 nT.

3.2.3 Gamma Ray Spectrometer

An Exploranium GR-820 gamma ray spectrometer was coupled to a 1024 in^3 NaI(Tl) detector package as well as an upward looking 256 in^3 crystal pack to monitor background radioactivity. The detector crystals are housed in a special heat-stabilized container. The four primary channels of Total Count, K, U, and Th, as well as cosmic and a 256 channel spectrum, were recorded once per second. Backgrounds were corrected using the full spectrum analysis strategy of Minty (1992).

3.2.4 GPS Navigation

A Novatel 3751 twelve channel GPS receiver was used for navigation and flight path recovery. Raw satellite data was recorded on both the airborne and base station systems to facilitate post-flight differential correction, which provides a typical accuracy of 3 to 5 m. Data was recorded at a sampling interval of 0.1 s.

3.2.5 Altimeter

A Terra TRA 3500 radar altimeter was mounted on the aircraft. This instrument operates with a linear performance over the range of 40 ft to 2500 ft, and records the terrain clearance of the magnetic sensors. The resolution of the altimeter is ± 0.05 ft. Data was recorded at a sampling interval of 0.1 s.

3.2.6 Digital Recording

The output of the magnetometer, spectrometer and altimeter as well as uncorrected GPS coordinates were recorded digitally on disk at a sample rate of ten times per second by the HS-GFCS-II system. Line number, GPS time and system time were also recorded for use during subsequent differential GPS correction.

3.3 Ground Monitoring System

3.3.1 Magnetometer

A GSM19 optically pumped cesium magnetometer was operated as a base station to record diurnal variations of the Earth's magnetic field. Readings with a resolution of 0.1 nT were recorded digitally every second, and synchronized with GPS time for accurate correction of the airborne data.

3.3.2 GPS Monitor

A Magnavox 9200 twelve-channel receiver with a fixed antenna was also active at the base of operations. Raw satellite data was digitally recorded to enable differential correction of the corresponding airborne data.

3.3.3 Recording

The output of the magnetic and GPS monitors was recorded digitally on a dedicated PC. A visual record of the last forty minutes of activity is graphically maintained on the computer screen to provide an up to date appraisal of magnetic activity. At the conclusion of each production flight raw GPS and magnetic data were transferred to the main compilation computer.

3.4 Field Compilation System

A Pentium PC computer system and a HP colour plotter were used for field data processing and presentation. Processing software and procedures were developed by High-Sense Geophysics Limited, and include the Geopak RTICAD imaging system.

4. PERSONNEL

4.1 Field Operations

Kennecott Canada Exporation Inc. Representatives:	Andrew Cole
	James Fueg
High-Sense Geophysicists:	Elizabeth Bowslaugh
Helicopter Pilot:	Barry Guthier

4.2 Project Management

Kennecott Canada Exporation Inc. Representative:	Andrew Cole
High-Sense, Toronto:	Ted Urquhart

4.2 Office Processing and Compilation

Processing:	Darrick Wagg
Compilation:	Darrick Wagg

5. SURVEY PARAMETERS

Traverse Line spacing:	200 m
Control Line spacing:	200 m
Nominal Terrain clearance:	30 m (mag sensor height)
Navigation:	Global Positioning System
Traverse Line direction:	E-W
Control Line direction:	N-S
Measurement interval:	Magnetics 0.1 s Radiometrics 1 s
Airspeed (nominal):	100 – 120 km/h
Measurement spacing (nominal):	3 m at 0.1 s sample interval
Airborne Digital Record:	GPS time GPS latitude, longitude UTM easting, northing and elevation above ellipsoid. Raw magnetic total field Four radiometric channels (TC, K, U, Th) Radiometric spectrum Calibrated radar altimeter output
Base Station Record:	GPS time (used as fiducial number) GPS raw satellite range information Raw total magnetic field

6. OPERATIONS AND PROCEDURES

6.1 Flight Planning

Kennecott Canada Exploration Inc. specified the survey block coordinates (section 2.0) which were used to generate pre-calculated navigation files. These, in turn, were used by the airborne data acquisition system to plan flights at the designated line spacing of 200 m.

6.2 Base Station

The GPS and magnetics base station was located at an accurately surveyed position point, since positional errors are carried through to the differentially corrected data. The base station location is:

64° 2′ 24.32" N	349.35m asl
139° 22′ 4.36" W	(WGS 84 spheroid)

6.3 Data Compilation

Data recorded by the airborne and base station systems was transferred to the field compilation system. As each flight was completed, the following compilation operations were carried out.

6.3.1 Flight Path Correction

The GPS data was differentially corrected to remove errors introduced by 'selective availability', an intentional accuracy degradation method used by the military. The correction process uses the known fixed location of the base station to calculate the error associated with each satellite. These errors are then removed from the survey GPS data enabling a position to be calculated with accuracy in the order of three meters, with four or more satellites in view. Satellite visibility and coverage were good throughout field operations. Both GPS receivers were generally tracking a minimum of eight satellites.

The navigational correction process yields a flight path expressed in WGS 84 Latitude-Longitude coordinates. Transformation to local NAD 27 (Yukon) UTM coordinates used the following projection parameters :

	Semi-major axis (a)	Flattening (f)
(WGS 84)	6378137.0000	298.2572201
(NAD 27)	6378206.4000	294.9786982

Local datum shift applied:

ΔX: 7
ΔY: -139
ΔZ: -181

UTM central meridian = 141° W (Zone 7)
False Easting: 500,000
False Northing: 0

6.3.2 Magnetic Corrections

Diurnal variations recorded by the base station were subtracted directly from the aeromagnetic measurements to provide a first order diurnal correction. When the magnetic variations are noted to occur due to man-made causes, such as equipment passing by the sensor, they are edited out prior to applying the diurnal correction.

Optically pumped magnetic sensors have an inherent heading error, typically several nT peak-to-peak, as the sensor is rotated through 360°. On reciprocal flight line directions the heading error is reasonably predictable; corresponding corrections were made on the basis of aircraft heading.

Control lines perpendicular to the traverse line direction were flown to provide level correction. Residual differences between control and traverse lines were used to carry out a further refinement of diurnal and heading errors. Any apparent cultural effects noted in the magnetic maps were not removed from either preliminary or final map products.

6.3.3 Radiometric Corrections

Radiometric data, recorded in the raw state as a 256 channel spectrum, are separated into five energy windows representing contributions from Total Count, K, U, Th and cosmic sources (see Appendix D for details). To determine fully corrected radiometric results, the data is subjected to additional reduction steps.

Airborne background components caused by airborne radon daughter products, aircraft frame, etc., were removed using data from 2500′ background measurement lines. *Compton Stripping* corrections remove cross-channel effects due to the radiometric phenomena of Compton Scatter. *Altitude attenuation* corrections are required to compensate for variations in terrain clearances. Finally, a *sample interaction* (or *Savitsky-Golay*) filter is applied to reduce sample overlap. Final corrected data was presented in corrected counts-per-second (cps).

6.3.4 Map Products and Digital Data

Following processing in the High-Sense Toronto office, three (3) copies of all final map products at a scale of 1:25,000 (see below for details), three (3) copies of the digital data (CD-ROM), and three (3) copies of this logistics report were delivered to Kennecott Canada Exploration Inc..

1. Flight path map
2. Flight path map on mylar
3. Total field magnetics colour contour map
4. Pole reduced magnetics colour contour map
5. Calculated first vertical derivative colour contour map
6. Radiometric total count colour contour map
7. Radiometric potassium colour contour map
8. Radiometric uranium colour contour map
9. Radiometric thorium colour contour map

Respectfully submitted by,
High-Sense Geophysics Limited.

Darrick Wagg
14 September 1999

APPENDIX A: SURVEY STATISTICS

Traverse Line-km	Control Line-km	Total Line-km
591.3	54.5	645.8

See APPENDIX B: DAILY LOG for more details.

APPENDIX B: DAILY LOG

Date (Fill in for each day and each flight.)	Area or Block Name (Abbreviate as required.)	Operating Base (Abbreviate as required.)	Flight Number (Does not need to be reset.)	Aircraft Hours (All Inclusive.)	Survey Hours (Product. only.)	Km Flown (estim. Per flight)	Km accptd (estim. per flight)	HSGL Crew (Fill in For each day.)	Weather/equipment problems/lines flown
28-Jul-99	Kenn							EB	Toronto-Vancouver-Whitehorse
29-Jul-99	Kenn							EB	Pick up cargo, purchase batteries, etc., cash advance on VISA
30-Jul-99	Kenn							EB	hotel reservations changed in Whitehorse and dawson, talked to Fireweed, Andrew Cole, Tom T
31-Jul-99	Kenn							EB	
1-Aug-99	Kenn							EB	Whitehorse-Dawson, find Fireweed, try to put up base there, call Tom T, find B&B
2-Aug-99	Kenn	Dawson	1		0.2	0	0	EB	put together and install equipment, heli power is reversed, power cable switched, base gps and base mag separate, gain calibration, test flight for bird, solder iron does not get hot enough, no 12V inverter
			2		0.65	0	0	EB	altimeter calibration, cosmic attenuation, baro is not working, process altimeter data, cosmic data
3-Aug-99	Kenn	Dawson	3		0.5	0	0	EB	configuration file changed for baro to look at the right ADC channel, baro calibration, gps satellites very active

			4		4.5	73.3	0	EB	gain calibration and sample check, pilot off on survey, called in with lost GPS, landed and rebooted, had problem again, fins of bird hit tree, tail pipe broken beyond repair, all equipment appears functional, talked with office, 30m too low for flying altitude
4-Aug-99	Kenn	Dawson						EB	talk to Zbynek, Jim B, James Fueg (client), move base GPS slightly, new GPS almanac, finish processing yesterdays data, temperature calibration, talk to Emily
5-Aug	Kenn	Dawson	5		0.2	0	0	EB	tail pipe arrived, no holes drilled, no sleeve insert, take old broken remnant to machine shop, bird put back together, radar calibration
			6		6.3	311.9	294.8	EB	survey, starting where Barry left off, some reflights
6-Aug-99	Kenn	Dawson	7		7.3	303.7	283.7	EB	survey, remaining lines plus some reflights, attempted altitude attenuation, redo tomorrow, day cut short due to weather moving through
7-Aug-99	Kenn	Dawson	8		0.6			EB	rain, rain, rain, break in which alt. atten. flown, can't create bdb, email EF, JC, RW, Roger from Kennecott in town, shown preliminaries
8-Aug-99	Kenn	Dawson	9		4.9	84.1	84.1	EB	last flight, picking up remnants and reflights, altitude attenuation, problems with this attenuation files as well
TOTAL:				0	25.15	773	662.6		

APPENDIX C: RADIOMETRIC DATA REDUCTION

Radiometric data, recorded in its raw state as a 256-channel spectrum, are initially integrated into five elemental energy windows as defined below:

Window	Energy Range	Channel Range
Total Count	410 – 2810 keV	35 – 240
Potassium	1370 – 1570 keV	117 – 134
Uranium	1660 – 1860 keV	142 – 159
Thorium	2410 – 2810 keV	206 – 240
Cosmic	3000 – ∞ keV	256

Table C1. Radiometric Regions of Interest (ROI).

The data is subsequently subjected to the following data reduction steps to yield fully corrected radiometric data in the Total Count, Potassium, Uranium and Thorium energy windows.

1. Radiometric Background correction

A background component resulting from airborne radon daughter-products, down-scattered Cosmic radiation, and contamination associated with the aircraft frame and equipment, remains in each of the radioelement windows. While Cosmic and Aircraft background components remain reasonably constant, the airborne component is expected to vary temporally and spatially since the distribution of airborne sources is dependent on factors such as atmospheric and local ground conditions. The traditional method of monitoring radon related background conditions is to periodically acquire data over a reasonably large body of water, where ground sources of radiation are effectively screened. In areas where suitable bodies of water do not exist, high-altitude (2500′ clearance) background test-lines are substituted under the assumption that ground-based levels of radiation will have attenuated to negligible levels, and given a well-mixed atmosphere, that the radon distribution is constant to the 2500′ level.

Control points are formed by calculating the average count-rates and time of acquisition in each of the radioelement channels from data recorded during the high altitude background monitor lines. Background values for each data point are subsequently calculated by linearly interpolating on the basis of time between each control point, and applying this value as a subtractive correction, i.e.,

$$N^2_n = N^1_n - BKG_n$$

where:

N^2_n: atmospheric background corrected count-rate for channel ‘n’ (‘n’ is any of TC, K, U or Th)

N^1_n: Raw, uncorrected count-rate for channel ‘n’

BKG_n: time interpolated background value for channel ‘n’

2. Compton Scatter correction

A gamma ray photon of a particular energy that collides with an electron may impart some of its energy to that electron, and be scattered as a lower energy photon. This phenomena is known as Compton Scattering, and will cause some incident photons to be inadvertently included in a lower energy window. The practical result of this phenomena is that, for example, a fraction of incoming Thorium radiation will appear in the Uranium and Potassium energy windows, and a fraction of incoming Uranium radiation will appear in the Potassium window. A very small amount of Uranium radiation may also be 'back-scattered' to the Thorium window. Effectively a channel interaction, this is corrected for by the application of Compton Stripping ratios. Corrected Potassium, Uranium and Thorium count-rates are calculated by application of the following relations:

$$
\begin{aligned}
N^3_{Th} &= (N^2_{Th} - a*N^2_U) / (1 - a*\alpha) \\
N^3_U &= (N^2_U - \alpha*N^2_{Th}) / (1 - a*\alpha) \\
N^3_K &= (N^2_K - \beta*N^3_{Th} - \gamma*N^3_U) \\
N^3_{TC} &= N^2_{TC}
\end{aligned}
$$

where:

- N^3_n: Compton corrected count-rate for channel 'n' ('n' is TC, K, U or Th - as indicated)
- N^2_n: background corrected count-rate for channel 'n' ('n' is TC, K, U or Th - as indicated)
- α: Th → U stripping ratio
- β: Th → K stripping ratio
- γ: U → K stripping ratio
- a: U → Th stripping ratio ("back-scatter")

Values for each of the four Compton stripping ratios can be determined by formal calibration on standardized radiometric calibration pads. Typical values were used in the data reduction.

3. Altitude Attenuation Correction

Within the terrain clearances normally encountered in airborne radiometric surveys, ground-originating radiation is assumed to attenuate exponentially with distance from source, i.e.

$$N_h = N_0 e^{-\mu h}$$

where :

- N_h : count-rate at height = h
- N_0 : count-rate at height = 0
- μ : altitude attenuation coefficient

The attenuation coefficients, which are specific to each of the four radioelement windows, are evaluated using data from a special calibration exercise - see Addendum B/1: 'Altitude Attenuation Coefficients'.

Variation due to terrain clearance is removed from the data by applying the simple relationship noted above in the following manner:

$$N^4_n = N^3_n * e^{-\mu n(hs - h)}$$

where :

N^4_n: height corrected count-rate for channel 'n' ('n' is any of TC, K, U or Th)

N^3_n: Compton corrected count-rate for channel 'n'

μ_n: altitude attenuation coefficient for channel 'n'

h_s: nominal survey terrain clearance

h: actual terrain clearance

Note that when interpreting height corrected data, care should be taken where terrain clearances significantly exceed the nominal (or programmed) survey clearance since count-rates tend to be artificially boosted due to the exponential nature of the correction algorithm.

4. Sample Interaction filter

As recommended by the Geologic Survey of Canada, final corrected data is filtered by an optimized filter, sometimes referred to as a 'Savitsky-Golay' filter, designed to reduce sample overlap effects. This is a five-point convolution filter with following (normalized) coefficients:

-0.0857 0.3429 0.4857 0.3429 -0.0857

ADDENDUM C-1: ALTITUDE ATTENUATION COEFFICIENTS HELICOPTER RADIOMETRICS

1. Introduction

In the range of altitudes normally encountered in airborne radiometric operations, the decay with altitude of counts originating from the ground is assumed to follow a simple exponential drop-off, i.e.

$$N = N_0 e^{-\mu h}$$

where :

N: count-rate at some height, h
N_0: count-rate at h = 0
μ: altitude attenuation coefficient

The attenuation coefficients, which are specific to each of the four standard energy windows (Total Count, Potassium, Uranium and Thorium), are used in the height correction procedure in the process of radiometric data reduction.

Values for each of the four attenuation coefficients (μ_{TC}, μ_K, μ_U, μ_{Th}) may be determined experimentally by performing the calibration procedure described below.

2. Procedure

The calibration exercise is best performed adjacent to a reasonably large body of water - ensuring the measurement of high quality atmospheric radiometric background data. Frequently, however, a suitable body of water is not available. In such cases background levels of radiation may be determined by acquiring data at high altitude (2500′) where radiation due to ground sources has attenuated to negligible levels. Note: this method requires a well mixed atmosphere up to the background monitoring altitude, and should not be attempted under conditions of thermal inversion).

A test location is established, ideally offering a moderate and fairly uniform radiometric response in each channel. The aircraft then commences a vertical ascent to a maximum of 700′ mean terrain clearance, pausing to acquire data for approximately two minutes at a series clearance ‘steps’ (100′ altitude intervals is sufficient).

The data acquisition phase is completed by measuring local atmospheric background, either over-water or by climbing to altitude. Averaged data is subsequently used to determine numeric values for the attenuation coefficients.

The following series of measurements were acquired during altitude attenuation calibration.

LINE	Avg. Alt. (ft.)	TC (corr.cps)	K (corr.cps)	U (corr.cps)	Th (corr.cps)
1011	81.700	810.058	113.556	11.988	17.494
1021	166.969	706.844	93.303	10.779	15.831
1031	248.034	604.413	76.449	9.022	13.326
1041	343.569	480.310	57.038	6.650	11.409
1052	442.931	392.188	43.176	6.752	8.966

3. Analysis

Since height corrections to radiometric data are applied after Compton correction, data must first be corrected for ambient background and Compton stripping before being used to calculate attenuation coefficients. Thus, data is pre-processed by applying the measured background count-rates followed by application of the stripping factors.

Individual test lines form a set of coincident data measured at the indicated series of terrain clearances. To calculate the attenuation coefficients, averaged count-rates and heights for each of the individual lines are determined, followed by regression analysis (first order 'Least Squares Fit') to calculate the gradient and intercept factors of the ln(radiometric channel) and altitude dependency, i.e., the data is assumed to be constrained by the following relation:

$$\ln(Nh) = m*h + \ln(N0)$$

where, for each individual channel (TC, K, U, Th):

ln(Nh): log of averaged count-rate for the channel at height h

m: slope or gradient, the altitude attenuation factor for the channel

h: averaged altitude

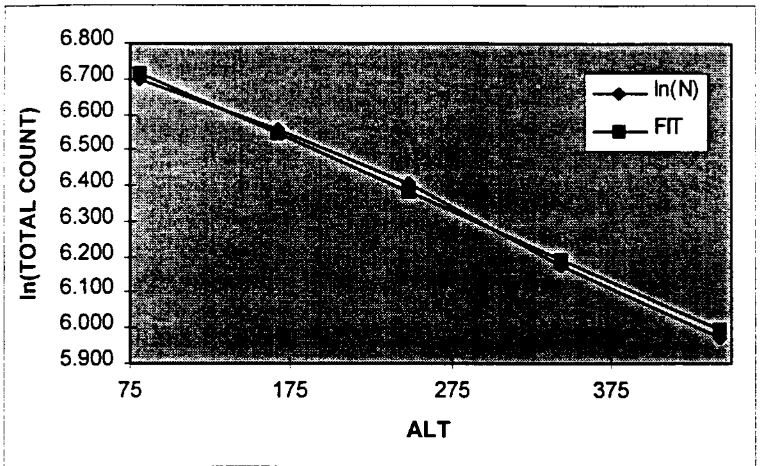
ln(N0): intercept factor, the log of the predicted count-rate for the channel at h = 0

Results of LSQ TO $\ln(N) = ALT \times \mu + \ln(N_o)$ relation:

TC	$\mu_{TC}=$	-0.002	**$\ln(N_0)_{TC}$**	6.878
K	$\mu_{K}=$	-0.003	**$\ln(N_0)_{K}$**	4.962
U	$\mu_{U}=$	-0.002	**$\ln(N_0)_{U}$**	2.713
Th	$\mu_{Th}=$	-0.002	**$\ln(N_0)_{Th}$**	3.014

Graphical and tabular results for measured and fitted data for Total Count, Potassium, Uranium and Thorium follow:

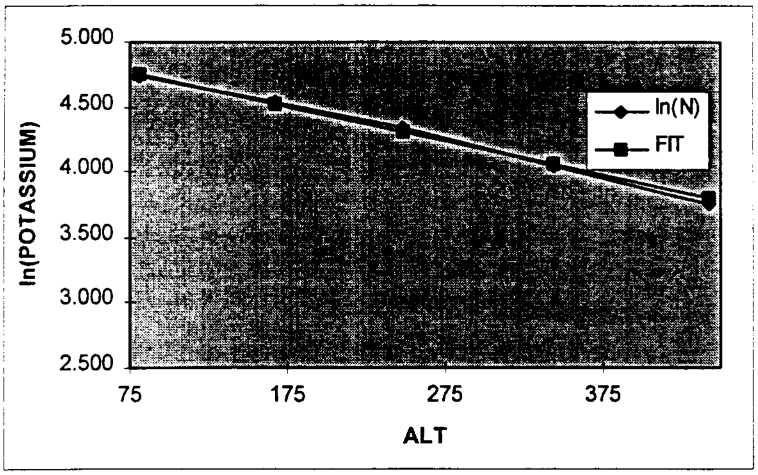
ALTITUDE DEPENDENCE: TOTAL COUNT



ALT	ln(N)	FIT
82	6.697	6.715
167	6.561	6.545
248	6.404	6.383
344	6.174	6.193
443	5.972	5.995

Slope -0.002
Intercept 6.878

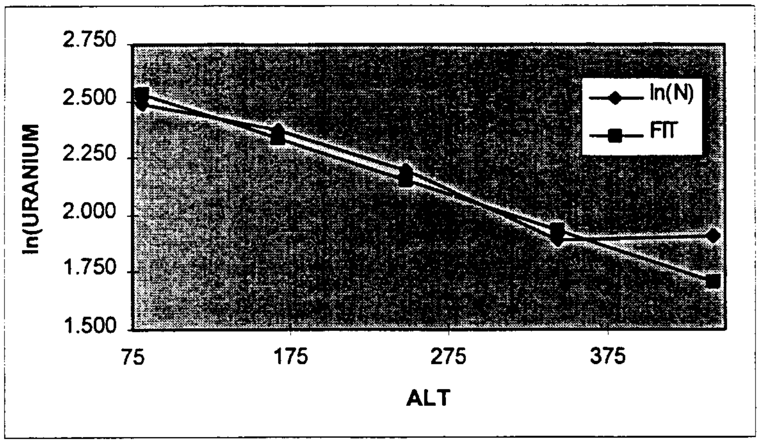
ALTITUDE DEPENDENCE: POTASSIUM



ALT	ln(N)	FIT
82	4.732	4.748
167	4.536	4.525
248	4.337	4.313
344	4.044	4.062
443	3.765	3.802

Slope -0.003
Intercept 4.962

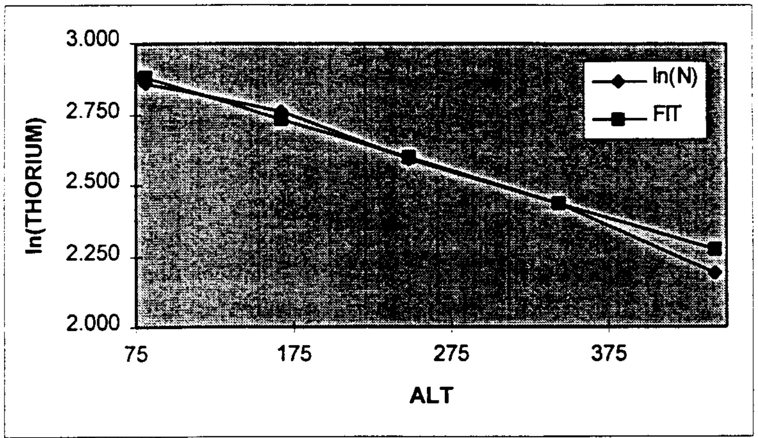
ALTITUDE DEPENDENCE:
URANIUM



ALT	ln(N)	FIT
82	2.484	2.529
167	2.378	2.336
248	2.200	2.153
344	1.895	1.938
443	1.910	1.713

Slope -0.002
Intercept 2.713

ALTITUDE DEPENDENCE: THORIUM



ALT	ln(N)	FIT
82	2.862	2.877
167	2.762	2.734
248	2.590	2.598
344	2.434	2.438
443	2.193	2.271

Slope -0.002
Intercept 3.014

ADDENDUM C-2: SUMMARY OF RADIOMETRIC PROCESSING COEFFICIENTS

Compton Stripping Factors	
α	0.239
β	0.386
γ	0.764
a	0.050

Table C2. Compton stripping factors

Altitude Attenuation Coefficients (ft^{-1})	
μ_{TC}	-0.002
μ_{K}	-0.003
μ_{U}	-0.002
μ_{Th}	-0.002

Table C3. Altitude attenuation coefficients

APPENDIX D: DIGITAL DATA ARCHIVES

1) CD ROM Subdirectory Structure

The CD ROM has the following subdirectories:

\xyz contains the .XYZ ASCII line profile archives and this document (Readme.doc)
\grids contains the Geosoft .GRD files

2) Line Profile Archive Structure

The line profile archives have been created as standard ASCII .XYZ

MAG.XYZ - Mag line profile archives
SPEC.XYZ - Spec line profile archives

The following is a detailed description of the line profile Archives which have been archived at a sample rate of 0.1 second (i.e. 10 readings per second) for the mag and at a sample rate of 1 second (i.e. 1 reading per second) for the spec:

Mag data

COLUMN	FORMAT	UNITS	DESCRIPTION
1	i8		flight number
2	i8		date yymmdd
3	f9.1	seconds	Fiducial
4	f9.1	metres	X = easting
5	f10.1	metres	Y = northing
6	f9.2	nT	Raw magnetics
7	f9.2	nT	Diurnal
8	f9.2	nT	Corrected magnetics
9	f9.2	nT	Final magnetics
10	f6.1	metres	Radar altimeter

Spec data

COLUMN	FORMAT	UNITS	DESCRIPTION
1	i8		flight number
2	i8		date yymmdd
3	f9.1	seconds	Fiducial
4	f9.1	metres	X = easting
5	f10.1	metres	Y = northing
6	f7.1	cps	Final corrected total count
7	f6.1	cps	Final corrected potassium
8	f6.1	cps	Final corrected uranium
9	f6.1	cps	Final corrected thorium
10	f7.1	feet	Radar altimeter

3) Grid Files

All grids have been written to CD-ROM as standard Geosoft grids
The following grids have archived for each of the areas:

MAG.GRD - total field magnetics
VDV.GRD - calculated first vertical derivative of the total field intensity
POLE.GRD - reduced to pole total field intensity
TC.GRD - total count radiometrics
K.GRD - potassium radiometrics
U.GRD - uranium radiometrics
Th.GRD - thorium radiometrics

4. Reports

REPORT.DOC -Microsoft Word97 format

APPENDIX I

1999 AMEROK REPORT

AMEROK GEOSCIENCES LTD.

SURVEY LOG
KENNECOTT CANADA EXPLORATION INC.
JOB 98-35 SIXTY MILE GRAVITY SURVEY
OCTOBER 30 - NOVEMBER 5, 1998

Personnel:	Mike Power - geophysicist Andrew Davis - geophysicist
Fri 30 OCT 98	Mobe to Dawson leaving circa 1100 hrs.
Sat 31 OCT 98	Set up control network; begin surveying on north end of grid. Wx: clear and cool. Production: 9 stations
Sun 01 NOV 98	Move control point to C4. Surveying in northeast portion of map area. Wx: Turning cloudy and windy. Production: 9 stations
Mon 02 NOV 98	A. Cole working with MP. Surveying in east and southeast portion of the grid. Wx: Cloudy, warmer. Production: 11 stations
Tue 03 NOV 98	Surveyed along Sixty Mile towards border and in southern portion of project area. Wx: Low clouds and windy. Production: 13 stations
Wed 04 NOV 98	Weather improved a bit with clouds lifting; very windy up top. Surveyed the area of Kennecott's property and environs to complete project. Production: 14 stations

Production Summary: Total Stations: 56

File copy

MEMORANDUM

AMEROK GEOSCIENCES LTD.

Box 5808 Whitehorse, YT, Y1A 5L6 Phone: (867) 668-7672 Fax:(867) 393-3577 amerok@yknet.yk.ca

To: Andrew Cole, Kennecott Canada Exploration **Date:** 05 NOV 98

From: Mike Power

Re: Field Report - Sixty Mile Gravity Survey

This memorandum is a field report describing survey procedures and data processing for the Sixty Mile gravity survey.

a. Instruments and equipment. The survey was conducted by the undersigned with the assistance of Andrew Davis, (Geophysicist). The crew was equipped with the following instruments and equipment:

Instruments:
- Scintrex CG-3 Autograv gravimeter
- 2 - Trimble 4000SSE dual frequency survey GPS receivers
- Impulse Laser rangefinder

Other:
- F250 truck
- 2 - Laptop computer
- 1 - printer
- Repair and office gear, VHF radios

b. Topographic survey control. A topographic survey network consisting of points at stations 60M_94, 60M_33, 60M_34, 60M_69 and 60M_55 was established. Base lines were closed with Fast Static surveys over a 20 minute reading interval. The control station at 60M_55 was not closed to the network but was surveyed on a single base line as a check on survey elevation accuracy. The control network was tied into geodetic monuments at 60M_55, 60M_93 and 60M_33. A description of the network and verification of elevation control accuracy is appended as Appendix A. In evaluating the accuracy of the elevation tie-in, it should be kept in mind that the accuracy of the geodetic elevation control and the datum used to calculate the elevation varies for different control points. The two geodetic points with the most recent elevation surveys or adjustments were selected to verify the elevation control. The elevation verification established that ordinary elevations measured in the network should be accurate to within ± 30 cm.

c. National Gravity Network tie-in. Station 60M_69 ties to GSC gravity station 1006691 within the bounds of quoted horizontal measurement error. Station 60M_55 is within 100 m of GSC gravity station 1006591 and has the same elevation as the geodetic marker; this strongly suggests that the measurement was taken at the border monument at 60M_55. No field markers indicating the location of a GSC reading station were found at either site.

d. Field procedures. The following procedures were used in the gravity survey:

1. Gravity readings were conducted over hubs consisting of 10 cm flagged nails driven into the ground. Station pickets were left at each site.

2. The height of the base of the gravimeter and the phase centre of the antenna above the hub was measured. All station elevations and gravity data are corrected to hub elevation. In the case of a pin which was not fully seated flush with ground level, the notation "high pin" appears.

3. The gravity readings were stacked over a 60 second interval and readings with excessive standard deviations (generally in excess of 80 microGal) were repeated.

4. Drift corrections were performed using on-board software incorporating the Longman correction for tidal variation and an internal drift correction based on a measured drift constant. In addition, conventional tie-in drift measurements were performed at the beginning, the middle and the end of the survey day. The time of all gravity readings was recorded and linear interpolation was used to perform residual drift corrections.

5. GPS surveys were performed using a base station dual frequency GPS receiver sited at a control station and cycled at a maximum 6 second interval in the static survey mode. At each gravity station, a second dual frequency receiver was installed over the hub and cycled for 8 minutes in the Fast Static mode. Antenna elevations were recorded with respect to the hubs using a base plate also used to measure the height of the base of the gravimeter. All final elevations are with respect to the top of the hub.

6. Near station terrain corrections were performed using a laser range finder to the mean terrain elevation with respect to the reading station. These

measurements were performed in 6 - 60° sectors surrounding the site at three radial distance intervals: 2-20, 20 - 50 and 50 - 200m. Where terrain could not be observed, the operator was forced to make a best estimate of mean terrain elevation difference using slopes. All elevation differences are corrected for the height of the operator above ground level.

e. Data processing. The following data processing was performed to produce the coordinates, gravity readings and corrections contained in the summary spread sheet:

1. All raw gravity readings were corrected to hub elevation using the Free Air correction.

2. Raw gravity was corrected for remnant drift by linear interpolation of measured drift from tie-in readings prior to and after the reading during the same survey day.

3. Terrain corrections were calculated using the relations used in the construction of Hammer Charts and contained in standard texts (eg. Telford *et. al.*). A Bouguer density of 2.67 g/cm^3 was used to calculate the terrain correction.

4. Station locations and elevations were calculated in WGS-84 coordinates using base line solutions from the control points on the survey network. All processing was conducted with Trimble's GPSurvey. The locations and elevations of the control points were fixed to those described in Appendix A. These were calculated in a separate processing session to determine their accuracy before using these reference coordinates in the gravity station elevation calculations.

5. Station locations were transformed to NAD 1927 using GSRUG, a program produced by the Geodetic Survey of Canada.

f. Products. The following products are attached to this report:

1. Summary spreadsheet in Excel 5.0 format (GRAVITY.XLS) containing gravity measurements, station locations, corrections and abbreviated operator notes.

2. Terrain correction file (TERRAIN.DAT) in the following format:

Line Station
Elevation differences 2-20 m: S1 S2 S3 S4 S5 S6

Elevation differences 20-50 m: S1 S2 S3 S4 S5 S6
Elevation differences 50-200 m: S1 S2 S3 S4 S5 S6

3. Drift measurement summary in Excel 5.0 format (DRIFT.XLS) containing daily tie-in measurements showing time and gravity readings for pin height at the control stations.

Thank you for the opportunity to work with you on this interesting project. If you have any questions or need any further information, please contact me at the above number.

Respectfully submitted,
AMEROK GEOSCIENCES LTD.

Mike Power M.Sc. P.Geoph.
Geophysicist

/attach.

APPENDIX A ELEVATION CONTROL NETWORK

1.0 Fixed Reference Points

The following points were used to establish the control network:

Control Point	Reference	Elevation (m ASL)	Remarks
C1 / 60M_93	Geodetic 078013	1435.913	Miller Geodetic monument (1907). Elevation not adjusted and location only accurate to nearest second.
C2 / 60M_33	Geodetic 8387001	685.800	1986 Geodetic Survey monument with adjusted elevations.
C3 / 60M_69	Gravity 1006691	1143.45	GSC gravity station with no markings. Site relocated with NDGPS to within ± 30 m on flat ridge top. Quoted error in horizontal locations is ± 15 m. Not used as a horizontal control in base line solution.
C4 / 60M_34	None	None quoted	Control mark established for this survey.
C5 / 60M_55	Geodetic 078012	1164.793	Border monument 129. Gravity site is 2.1 m N of monument. Elevation adjusted; year of adjustment not quoted.

Of the points listed above, C2 and C5 were selected as controls for the elevation accuracy test. C1 was shown to introduce a consistent 1.5 m error in elevation closure in any solution where it was fixed. The error in vertical and horizontal location for the gravity station (C3) renders it useless for elevation control checks.

2.0 Elevation closure check

As a check on the accuracy of the elevations, C2 was fixed as the only reference in the network and the elevation of C5 was calculated using C4 as a reference. The calculated elevation of C5 is 1165.078 and the discrepancy (28.5 cm) is within the bounds of acceptable measurement error. This is also a valid check of the overall measurement accuracy since the reference point (C4) used to locate C5 was not directly tied to a geodetic control points and C4-C5 was one of the longest base lines used in the survey (16 km).

3.0 Final reference locations and elevations

The following are the adjusted coordinates of the control network used to determine elevations of reading stations in the network:

Point	Latitude	Longitude	Elevation
C1	64 01' 13.73516"	140 58' 14.01799"	1434.361
C2	64 01' 29.16852"	140 44' 58.40695"	685.800
C3	63 56' 26.33553"	140 45' 36.11212"	1141.691
C4	64 01' 30.12653"	140 41' 36.56768"	661.295
C5	63 58' 19.51842"	141 00' 04.84025"	1165.078

Most of the stations were surveyed relative to point C4 as this was the lowest station on the grid and closest to the majority of the points. Many of the base lines to points in the western portion of the grid were consequently quite long but the elevation closure check indicates that the elevations are probably accurate within the bounds of acceptable error.

APPENDIX J

1999 WHOLE ROCK GEOCHEMISTRY REPORT

KENNECOTT CANADA EXPLORATION INC.

1999 Sixtymile Project, Yukon Territory, NTS: 115N/15 & 116C/2
By: Rob Duncan, M.Sc.
Date: November 30, 1999

SIXTY MILE LITHOGEOCHEMISTRY

Introduction

Lithogeochemical sampling and analysis can be an effective tool in helping to establish cogenetic relationships between igneous units (both intrusive and extrusive) and determining the intensity and chemical nature of hydrothermal alteration within them.

Establishment of cogenesis allows determination of whether igneous units at the property or regional scale are part of one magma production system or several discreet systems. This can help to determine the size of mineralizing systems and whether discreet soil anomalies or styles of mineralization at the property scale are related to the same mineralizing system or several independent mineralizing systems.

A lithogeochemical orientation survey consisting of 17 samples (**Figure 1**), Table 1, 2) was carried out on the Sixty Mile property to test possible cogenetic relationships between, and the nature of hydrothermal alteration of, several Late Cretaceous andesite/dacite flows, postulated high level dacitic plugs, diorites, weakly foliated leucocratic granites, the nearest mapped mid-Cretaceous granodioritic stock, and possible intrusive equivalents in the Klondike District.

Trace and Rare Earth Elements

Trace and rare earth element spider diagrams can be used to investigate cogenesis in a sample suite based on similarities of sample patterns. Patterns that are identical for samples suggest cogenesis, while systematic variations between patterns that correspond to specific mineral processes such as fractionation can also suggest cogenesis between samples.

Chondrite normalized rare earth element (REE_{CN}) plots of Carmacks group andesites are light rare earth element (LREE) enriched and have moderately steep patterns that flatten in the heavy rare earth elements (HREE) (Fig 2a). Patterns have a weak negative Eu anomaly and slightly humped middle REEs that indicates feldspar and amphibole/pyroxene fractionation respectively. Fresh and altered andesite examples have near identical patterns with slightly higher LREE enrichment and HREE depletion. Comparison of fresh and altered andesites on primitive mantle normalized trace element spider diagrams reveal varied depletions in Rb, Sr, and Th suggesting feldspar destruction in altered samples (Fig 3a).

REE_{CN} plots and trace element spider diagrams comparing possible intrusive and extrusive equivalents based on field characteristics on the property reveals broad similarities in patterns (Fig 2b, 3b). Diorite sample (VR83225A) has a parallel REE_{CN} pattern to the field of fresh andesites, but with higher REE concentrations. This pattern is consistent with REEs being incorporated into early crystallizing REE bearing mineral phases such as apatite, zircon, and monazite and strongly suggests cogenesis between the diorite and Carmacks andesite samples. Other samples including dacite flow, feldspar hornblende hypabysaal porphyry, and quartz feldspar porphyry samples have more dissimilar patterns to the andesites but these are quite small and, although not conclusive, are likely cogenetic with the andesite flows.

The peraluminous Wy Gulch granite and pegmatite sample have very distinct REE_{CN} patterns when compared with the nearest mid Cretaceous intrusion, Carmacks andesites, and intrusives from the Klondike (Fig 2c). This suggests that these two intrusions are not cogenetic with these other intrusive examples and is consistent with an observed weak foliation in the Wy Gulch granite that suggests an Early (?) Jurassic age. Similarities between the granite and pegmatite suggest that these two are likely cogenetic. Close similarities in the other groups reveal that it would be difficult to distinguish mid-Cretaceous intrusive examples from Late Cretaceous volcanics using REEs. These similarities are likely due to source region characteristics and tectonic environments that were similar through Cretaceous time. The mid Cretaceous intrusion sampled is currently being dated by Jim Mortenesen at UBC and there is a possibility that this may actually return a Late Cretaceous age which would be consistent with the strong similarities in geochemistry outlined above.

Trace element patterns for all samples share Nb and Ni dips that indicate a mantle component in the primary melts with variable moderate crustal involvement revealed by elevated U and Th in some samples (Fig. 3).

Pearce Element Ratio Analysis

Introduction

Pearce element ratio (PER) analysis is a tool that can be used to investigate geochemical variation in rocks. PER analysis allows testing of cogenesis, igneous processes responsible for the diversity of chemical compositions and textures observed in rocks, and the nature and intensity of hydrothermal alteration associated with mineralizing systems.

PER's are based on molar ratio values instead of mass values. A ratio is created to avoid the problem of closure in geochemical analysis. Closure is a mathematical artifact that results from rock compositions that are expressed as part of a whole that sums to 100% (Stanley and Madeisky, 1996). This results in apparent gains and loses in element concentrations if the total size of the system has changed. Thus, if the size of the system increases by net mass gain processes, the concentrations of elements not involved in mass transfer will decrease even though they did not participate in material transfer processes. Creating molar ratios whose denominator is a conserved element in the system conquers this problem.

A conserved element is a constituent of the rock that does not participate in any material transfer process that has affected the system (Stanley and Madeisky, 1996). This includes primary igneous processes like fractionation and secondary hydrothermal processes. The conserved element allows the creation of a stable reference frame against which material transfer effects can be created. Plotting two possible conserved elements against each other identifies a conserved element. If they are conserved, they will plot so that a line passing through the data and the origin can be constructed. If the data clusters in a tight group this indicates that there has be no significant change in the system size (no mass gain or mass loss), while if the data is spread along the line that passes through the origin then there has been a significant size change in the system (Stanley and Madeisky, 1996). If the system size has not changed the absolute value of one conserved element to another should not change and the data will plot as a single point within measurement error. If the system size has changed, then this change in size should have the same effect on two conserved elements so that their relative values to each other are the same, and they will be spread out along a line that passes through the origin.

Before undertaking Pearce Element Ratio analysis, the rocks under investigation must be cogenetic. This is tested on the conserved element plots described above. A set of samples may be cogenetic if they from one data group on the conserved element plot. If two or more clusters of data are apparent then there is the possibility of having more than one cogenetic set of samples.

The creation of molar ratios instead of a mass type ratio has several powerful advantages. Primarily, it allows the investigation of precise stoichiometric relationships related to chemical reactions and mineral formulae. PER diagrams are created so that a specific geological process can be investigated. For example, if samples contain feldspar phenocrysts we have evidence that feldspar fractionation may have been a primary process occurring in the sample suite. Next a PER diagram is constructed so that feldspar fractionation is represented by a line with a particular slope on the diagram.

These plots can be modified to investigate different mineral processes by modifying the axes of the diagram.

Pearce Element Ratio diagrams can ultimately be used to look at hydrothermal alteration processes. Different alteration processes will be expressed as various displacements from the fractionation line on the diagram.

PER Cogenesis Testing

Conserved element testing reveals mobility of moderately incompatible trace elements Ti, P, Y, suggesting possible intense hydrothermal alteration. Zr and La are the best candidates as conserved elements for samples postulated to be cogenetic based on trace and REE spider diagrams (Fig. 4).

Mid Cretaceous intrusive samples appear to be cogenetic with Late Cretaceous Carmacks samples (Fig. 4a). This corroborates the possibility that these intrusions may actually be Late Cretaceous in age. As expected, the Permian granite sample from the Klondike is clearly not cogenetic with Late Cretaceous samples from the Sixty Mile area (Fig. 4a). The Late Cretaceous syenite sample from the Klondike is also not cogenetic with samples from the Sixty Mile area indicating that the two areas represent two magmatic production systems of the same age. The Early Jurassic (?) Wy Gulch intrusive is not cogenetic with the Late Cretaceous volcanic samples from Sixty Mile as expected. However, the pegmatite sample thought to be cogenetic with the Wy Gulch intrusion based on REE plots has a La/Zr ratio that indicates that it could be cogenetic with the suite of Late Cretaceous volcanics on the property (Fig. 4a). This seems rather far fetched based on its field characteristics and REE values.

The remaining samples appear to be cogenetic based on trace elements, REEs, and the Zr versus La conserved element plot (Fig. 4b). Only sample VR83248A, a feldspar +/- hornblende dacitic porphyry, falls significantly off the data trend outside of measured 2 sigma error based on analytical precision from Chemex labs and percent difference calculations based on field duplicates. However, this sample was still retained for the subsequent PER analysis, and Zr was chosen as the conserved element.

PER Analysis

Samples collected from the Sixty Mile area are feldspar, augite, or hornblende phyric indicating that these mineral phases could have participated in primary igneous fractionation processes. Using Zr as a conserved element, a plot differentiating plagioclase fractionation from clinopyroxene fractionation was constructed to investigate the relative importance of mafic mineral or feldspar fractionation at Sixty Mile. The plot (not shown) reveals 60-85% plagioclase fractionation allowing use of feldspar fractionation only plots to investigate possible hydrothermal alteration in the Sixty Mile system (Fig. 5).

The feldspar fractionation diagram incorporates the effects of plagioclase and K-feldspar fractionation together, with samples plotting along a line with slope of one if they have only undergone feldspar fractionation (Fig. 5). Vertical displacements from this line indicate hydrothermal alteration of samples. Samples that plot above the fractionation line indicate excess Ca for feldspar fractionation and characterize carbonate altered samples. Carbonate effects can be tested for if CO_2 analyses are available. Samples that plot below the fractionation line indicate alteration towards a sericite assemblage (slope = 1/3) and chlorite (slope = 0). Samples from Sixty Mile show alteration to clays and sericite. Therefore, displacement of samples closer towards the X axis should be thought of as more intensely hydrothermally altered and not necessarily altered to a chlorite assemblage (Fig. 5). Minor displacement of fresh and very weakly altered samples (Table 2) around the feldspar fractionation line may be due to subordinate pyroxene fractionation resulting in some Na and Ca mobility during fractionation not accounted for in this diagram.

Plots that investigate specific element behaviour from within the PER reference frame reveal that altered samples have undergone extreme Na depletion (Fig. 6a), moderate K depletion (Fig. 6b), and progressive Ca depletion with the exception of the carbonate altered sample that has the highest Ca concentration of all samples (Fig. 6c). Depletion of these elements corresponds to feldspar destruction in these samples. Altered samples also display loss in total Fe and Mg (Fig. 6d, e) with the exception of the carbonate altered sample that has the highest Fe concentration of all samples, but an Mg concentration similar to fresh samples. These element depletions correspond to destruction of mafic minerals in these samples, and the predominance of iron carbonates over dolomite in the carbonate altered sample. Samples show little depletion or enrichment of Si indicating that silicification has not been an important process at Sixty Mile (Fig. 6f).

The spatial distribution of altered samples at Sixty Mile suggests that the core of the hydrothermal system associated with the Late Cretaceous volcanics is located in the Sixty Mile river valley and consists of a predominantly iron carbonate assemblage associated with weakly Au mineralized quartz – carbonate veins. Peripheral sericite – weak argillic alteration extends to the north with little or no expression of mineralization. The lack of extensive silicification also suggests that the Sixty Mile system may lack the hydrothermal intensity required for a large productive mineralizing system within the valley.

Conclusions

- Several diverse examples of high level andesitic and dacitic plugs and andesite and dacite flows on the Sixty Mile property form a cogenetic suite of rocks.

- A weakly foliated (early Jurassic?) granite on the property is not cogenetic with any other igneous units supporting the possibility that there are two mineralizing systems on the property. An Early Jurassic intrusion related system responsible for the Miller Creek anomaly, and a Late Cretaceous system responsible for epithermal mineralization in the Sixty mile valley.

- A mapped, but un-dated, mid Cretaceous intrusion to the south of the property has geochemical characteristics suggesting cogenesis with Late Cretaceous igneous units at Sixty Mile. This raises the possibility that this intrusion may in fact be Late Cretaceous in age.

- A Permian intrusion from the Klondike district is not cogenetic with any igneous units from the Sixty Mile property as expected.

- A Late Cretaceous intrusion from the Klondike district is not cogenetic with any igneous units from the Sixty Mile property indicating that these are two independent magmatic production systems of the same age.

- Feldspar fractionation processes can largely explain compositional diversity present in cogenetic Late Cretaceous samples from the Sixty Mile area.

- Altered samples at Sixty Mile show evidence for destruction of feldspars to clays, sericite, and carbonate assemblages.

- Plots of element behavior during alteration reveals that altered samples have experienced Na, K, and Ca loss corresponding to feldspar destruction.

- Altered samples also show loss of Ca, Mg, and Fe indicating destruction of mafic minerals.

- The single carbonate altered sample shows Ca, Fe, addition corresponding to the presence of iron carbonate minerals in the alteration assemblage.

- Si plots in a sub-horizontal array suggesting little silicification has occurred in the various altered samples.

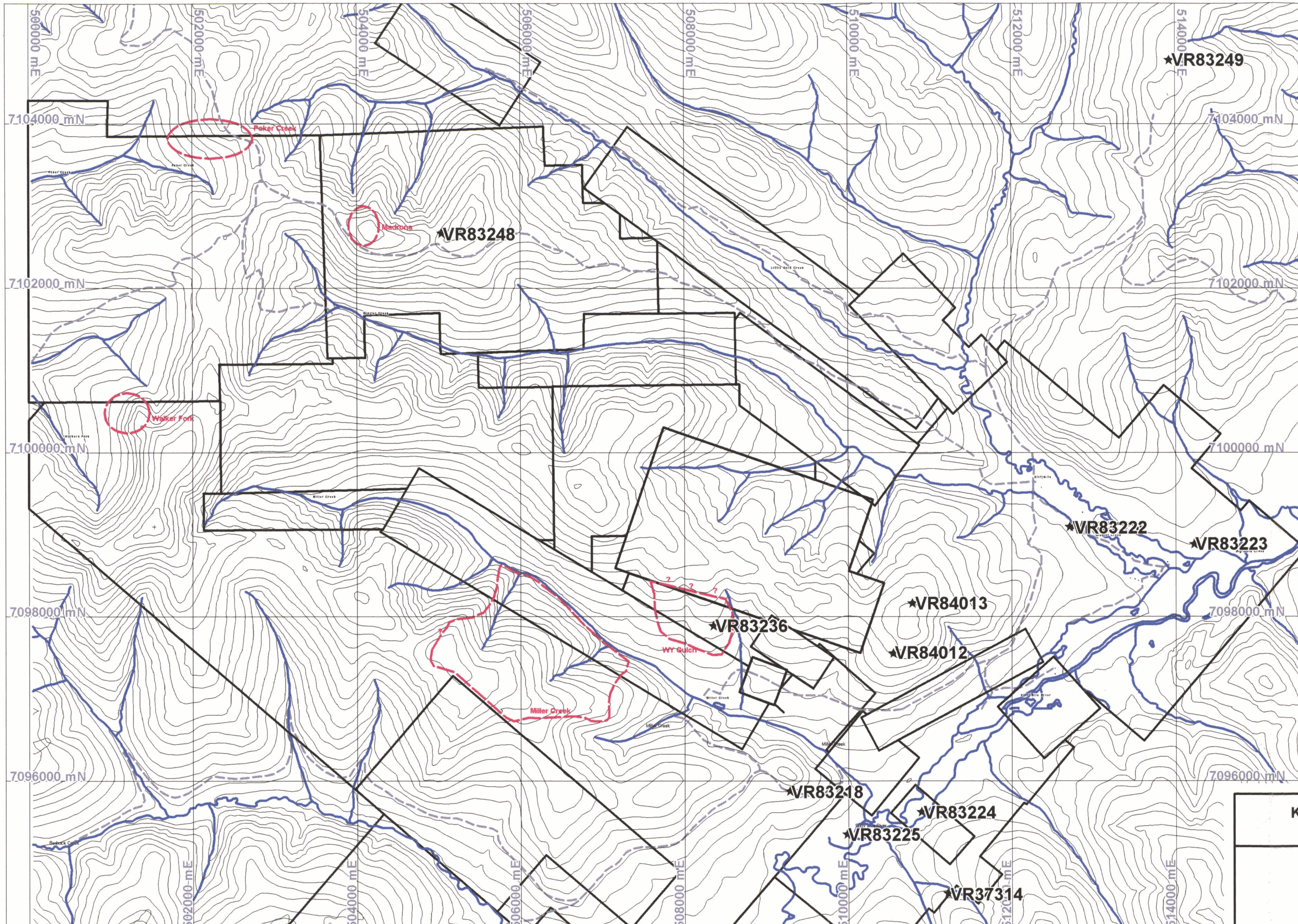
- The core of the Late Cretaceous Carmacks hydrothermal system is located in the Sixty Mile river valley and consists of a predominantly iron carbonate assemblage associated with weakly Au mineralized quartz – carbonate veins.

- Peripheral sericite – weak argillic alteration extends to the north with little or no expression of mineralization.

- The lack of silicification suggests that the Late Cretaceous Carmacks Sixty Mile system may lack the hydrothermal intensity required for a large productive mineralizing system within the valley.

References

Stanely, C. R. and Madeisky, H. E., 1996. Lithogeochemical exploration for metasomatic zones associated with hydrothermal mineral deposits using Pearce Element Ratio analysis. Mineral Deposit Research Unit Lithogeochemical Exploration Research Project, Short Course Notes on Pearce Element Ratio Analysis.



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KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

SIXTY MILE PROJECT

WHOLE ROCK SAMPLE LOCATIONS

YUKON TERRITORY, CANADA

Date: Dec. 15, 1999	Author: RH/RD	NTS: 115N/15&116C/2
File: Sixty	Scale: 1:50,000	Figure: 1

Table 1. Lithogeochemical data for igneous units from the Sixty Mile property and Klondike district. Major elements are measured by XRF. Trace elements are measured by ICP – MS.

SAMPLE #	VR83218A	VR83220A	VR83221A	VR83222A	VR83223A	VR83224A
UTM Zone	7	7	7	7	7	7
Easting	509284	512706	512706	512753	514225	510895
Northing	7095876	7099096	7099097	7099097	7098887	7095621
SiO_2	56.00	54.84	55.18	70.17	57.65	49.48
Al_2O3	16.36	14.65	14.98	16.66	14.78	12.93
CaO	6.65	3.48	3.82	0.25	5.95	7.57
MgO	3.34	5.28	5.03	0.12	2.41	3.82
Na_2O	3.49	3.13	3.52	0.01	3.08	0.01
K_2O	2.00	3.18	2.78	0.22	1.98	1.14
TiO_2	0.89	0.70	0.72	0.43	0.46	0.85
Fe_2O_3(T)	7.39	6.97	6.89	4.19	4.96	8.10
MnO	0.15	0.16	0.16	0.04	0.12	0.16
P_2O_5	0.38	0.40	0.40	0.21	0.26	0.45
Total	**96.65**	**92.80**	**93.48**	**92.30**	**91.65**	**84.51**
Zr	115.5	100.0	103.0	124.5	100.5	88.5
Y	20.5	18.0	19.0	14.0	15.0	17.0
Er	2.5	2.1	2.1	1.7	1.8	2.0
Eu	1.6	1.4	1.5	1.2	1.2	1.2
Gd	5.2	4.5	4.7	3.6	3.8	4.2
Ga	19	17	17	18	17	15
Hf	3	3	3	4	3	3
Ho	0.8	0.7	0.7	0.5	0.5	0.6
La	27.0	22.5	25.5	32.5	28.0	19.0
Lu	0.4	0.3	0.3	0.3	0.3	0.3
Nd	23.0	20.5	23.0	21.5	19.0	19.5
Nb	10	7	7	10	8	8
Pr	6.2	5.3	5.9	6.2	5.4	4.9
Rb	56.6	83.8	74.8	12.2	55.0	50.6
Sm	5.4	4.6	4.7	3.9	3.5	4.3
Sr	858.0	546.0	641.0	140.0	790.0	119.5
Tb	0.8	0.7	0.7	0.5	0.5	0.7
Th	4	3	3	5	4	2
Tm	0.4	0.3	0.3	0.2	0.3	0.3
W	5	5	4	9	4	14
U	2.0	1.0	1.0	2.0	1.5	1.5
V	185	160	165	65	90	180
Yb	2.3	1.9	2.1	1.6	1.8	1.9
Zn	80	70	70	70	60	70

Table 1. (continued)

SAMPLE #	VR83225A	VR84012A	VR84013A	VR37314A	VR37316A	VR37317A
UTM Zone	7	7	7	7	7	7
Easting	509950	510554	510785	511216	511202	511202
Northing	7095330	7097558	7098166	7094633	7086728	7086728
SiO_2	64.27	68.13	70.68	71.70	67.17	64.60
Al_2O_3	15.56	15.81	15.62	15.06	15.10	15.94
CaO	3.72	1.45	1.03	0.68	3.37	4.02
MgO	1.92	0.32	0.06	0.07	1.36	1.56
Na_2O	2.54	0.01	0.19	2.59	3.41	3.59
K_2O	3.32	1.34	2.75	6.52	3.53	3.35
TiO_2	0.63	0.42	0.29	0.05	0.46	0.54
Fe_2O_3(T)	4.96	3.52	2.58	0.88	3.78	4.63
MnO	0.11	0.13	0.09	0.02	0.07	0.08
P_2O_5	0.33	0.21	0.12	0.03	0.18	0.20
Total	**97.36**	**91.34**	**93.41**	**97.60**	**98.43**	**98.51**
Zr	166.5	137.0	125.0	20.5	126.0	150.0
Y	20.5	13.5	9.5	4.5	15.0	16.5
Er	2.4	1.6	1.0	0.4	1.3	1.6
Eu	2.3	1.2	0.9	0.3	1.4	1.5
Gd	6.7	3.2	2.3	0.7	3.6	3.8
Ga	23	18	16	23	19	20
Hf	5	4	4	1	4	5
Ho	0.9	0.5	0.3	0.1	0.5	0.5
La	39.5	36.0	35.0	4.0	30.5	32.5
Lu	0.5	0.3	0.2	-0.1	0.2	0.2
Nd	34.0	20.0	16.5	3.0	23.0	26.0
Nb	16	10	8	4	13	12
Pr	9.4	6.3	5.6	0.7	6.3	7.2
Rb	99.0	55.2	83.0	198.0	139.0	134.5
Sm	6.7	3.9	2.8	0.7	4.0	4.6
Sr	695.0	416.0	156.5	131.0	683.0	769.0
Tb	1.1	0.5	0.4	0.1	0.5	0.5
Th	1	9	7	1	8	11
Tm	0.5	0.3	0.1	-0.1	0.2	0.2
W	6	11	4	1	3	3
U	4.0	3.0	2.5	1.0	5.0	5.5
V	100	45	35	10	80	90
Yb	2.1	1.6	1.2	0.3	1.3	1.6
Zn	70	120	55	10	40	40

Table 1. (continued)

SAMPLE #	VR83236A	VR37341A	VR37342A	VR83248A	VR83249A
UTM Zone	7	7	7	7	7
Easting	508350	598654	602573	505110	513929
Northing	7097893	7095137	7093058	7102810	7104776
SiO_2	69.49	59.05	57.48	62.05	64.64
Al_2O_3	13.89	16.85	15.78	16.64	14.55
CaO	3.42	4.75	4.85	4.46	3.41
MgO	1.05	1.81	2.12	2.10	1.39
Na_2O	2.96	3.15	3.77	4.15	0.09
K_2O	1.54	2.59	2.70	1.81	4.35
TiO_2	0.07	0.54	0.59	0.43	0.42
Fe_2O_3(T)	0.89	6.11	5.95	4.29	2.80
MnO	0.03	0.11	0.11	0.11	0.13
P_2O_5	0.02	0.34	0.35	0.23	0.15
Total	**93.36**	**95.30**	**93.70**	**96.27**	**91.93**
Zr	56.0	118.5	133.5	131.5	178.0
Y	2.5	30.5	21.0	16.5	19.5
Er	0.1	2.9	2.1	1.5	1.9
Eu	0.1	1.8	2.0	1.6	1.3
Gd	0.5	6.1	5.2	3.6	4.3
Ga	19	19	19	18	18
Hf	2	1	2	1	4
Ho	-0.1	1.1	0.7	0.6	0.7
La	4.0	42.0	41.0	39.0	40.5
Lu	-0.1	0.3	0.3	0.2	0.3
Nd	2.5	36.0	35.0	26.5	28.0
Nb	1	8	10	7	12
Pr	0.8	10.2	9.7	7.9	8.4
Rb	33.0	50.0	70.8	41.4	177.5
Sm	0.5	7.3	6.8	4.9	5.7
Sr	395.0	1005.0	674.0	954.0	189.5
Tb	-0.1	1.1	0.9	0.6	0.7
Th	-1	1	1	1	3
Tm	-0.1	0.4	0.3	0.2	0.3
W	3	8	5	4	3
U	0.5	-0.5	0.5	0.5	4.5
V	20	140	145	105	85
Yb	0.2	2.4	2	1.6	1.9
Zn	25	75	60	65	110

Table 2. Sample descriptions for igneous units from the Sixty Mile property and Klondike district.

Sample #	Rock Type	Age	Description
VR83218A	Andesite Flow	Late Cretaceous Carmacks	Massive feldspar – augite +/- hornblende phyric flow. Fresh
VR83220A	Andesite Block Flow	Late Cretaceous Carmacks	Feldspar – augite +/- hornblende phyric block flow. Fresh, duplicate of VR83221A
VR83221A	Andesite Block Flow	Late Cretaceous Carmacks	Feldspar – augite +/- hornblende phyric block flow. Fresh, duplicate of VR83220A
VR83222A	Andesite Block Flow	Late Cretaceous Carmacks	Feldspar – augite +/- hornblende phyric block flow. Moderately altered example of VR83220/21A. Weak argillic/clay alteration of feldspars, limonite fracture coatings, and weak clay/chlorite alteration of mafics.
VR83223A	Andesite Flow	Late Cretaceous Carmacks	Massive feldspar – augite +/- hornblende phyric flow. Weakly altered with chalky white feldspars and slight chlorite alteration of mafics.
VR83224A	Andesite Block Flow	Late Cretaceous Carmacks	Feldspar – augite +/- hornblende phyric block flow. Strongly altered with carbonate – sericite alteration of feldspars, silicification, and 5% disseminated pyrite.
VR83225A	Diorite	Late Cretaceous Carmacks equivalent?	Equigranular, Feldspar – hornblende diorite. Mafics are weakly chlorite altered.
VR84012A	Andesite Flow	Late Cretaceous Carmacks	Massive feldspar –hornblende phyric flow. Moderately altered with clay/sericite alteration of feldspars.
VR84013A	Dacite Flow	Late Cretaceous Carmacks equivalent?	Feldspar +/- hornblende phyric flow. Moderately altered with clay/sericite alteration of feldspars.
VR37314A	Pegmatitic Granite	mid Cretaceous?/Early Jurassic?	Coarse grained, locally pegmatitic feldspar – muscovite granite. Weakly sericite altered.
VR37316A	Granodiorite	mid Cretaceous	Biotite hornblende feldspar megacrystic granodiorite. Fresh, duplicate of VR37317A
VR37317A	Granodiorite	mid Cretaceous	Biotite hornblende feldspar megacrystic granodiorite. Fresh, duplicate of VR37316A
VR83236A	Granite	Early Jurassic?	Medium to coarse grained equigranular feldspar +/- muscovite granite. Weakly foliated and strongly bleached with limonite coated fractures.
VR37341A	Granite	Permian	Medium grained seriate biotite magnetic granite. Weakly altered/weathered.
VR37342A	Monzonite/Syenite	Late Cretaceous (Carmacks equivalent?)	Feldspar hornblende megacrystic magnetic monzonite/syenite. Fresh.
VR83248A	Hypabyssal Dacitic Porphyry	Late Cretaceous Carmacks equivalent?	Feldspar hornblende phyric dacitic porphyry. Fresh.
VR83249A	Hypabyssal Dacitic Porphyry	Late Cretaceous Carmacks equivalent?	Feldspar quartz +/- hornblende +/- biotite phyric non-magnetic porphyry. Moderate oxidation and sericite alteration.

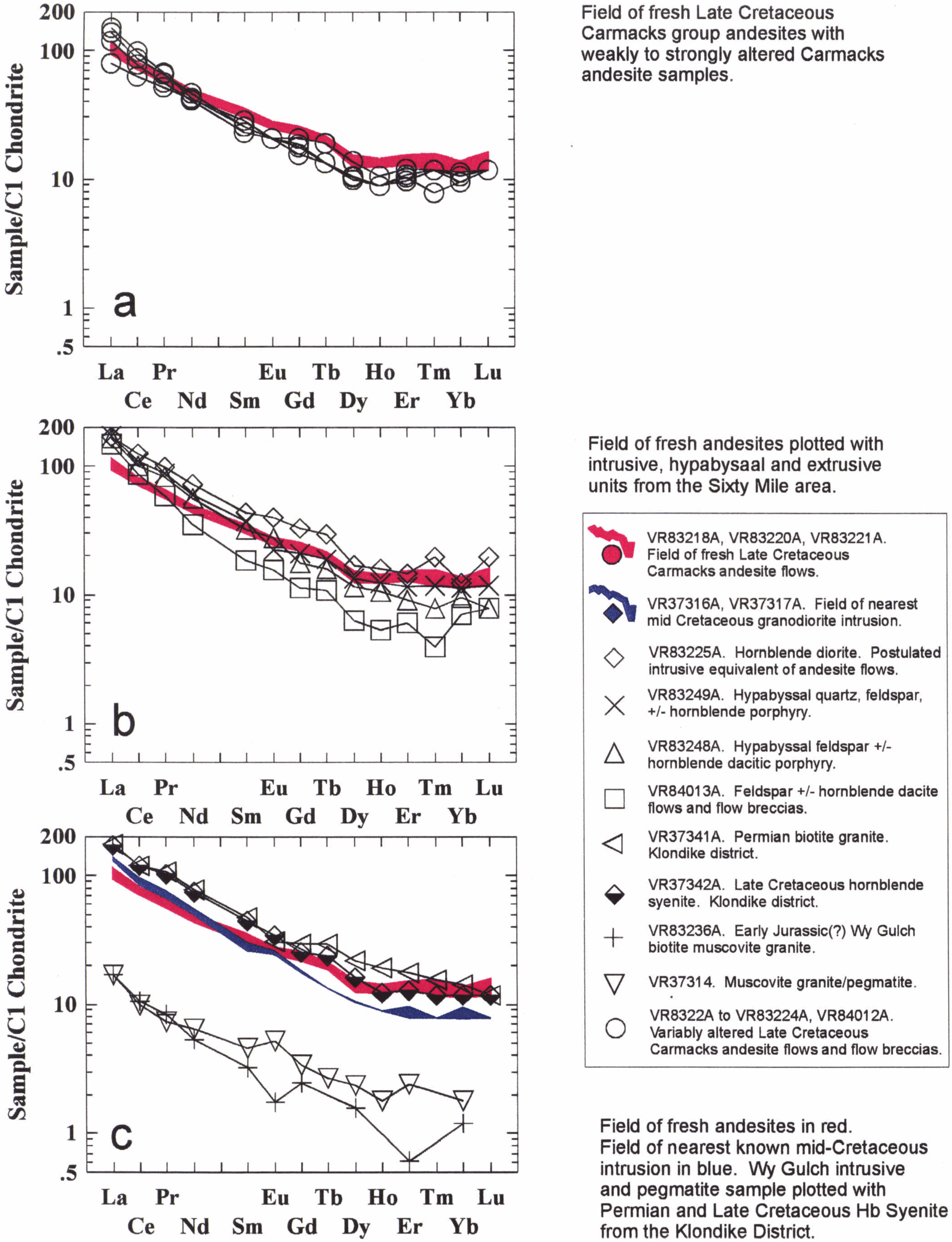

Figure 2. Chondrite normalized rare earth element plots for Sixty Mile and Klondike area samples.

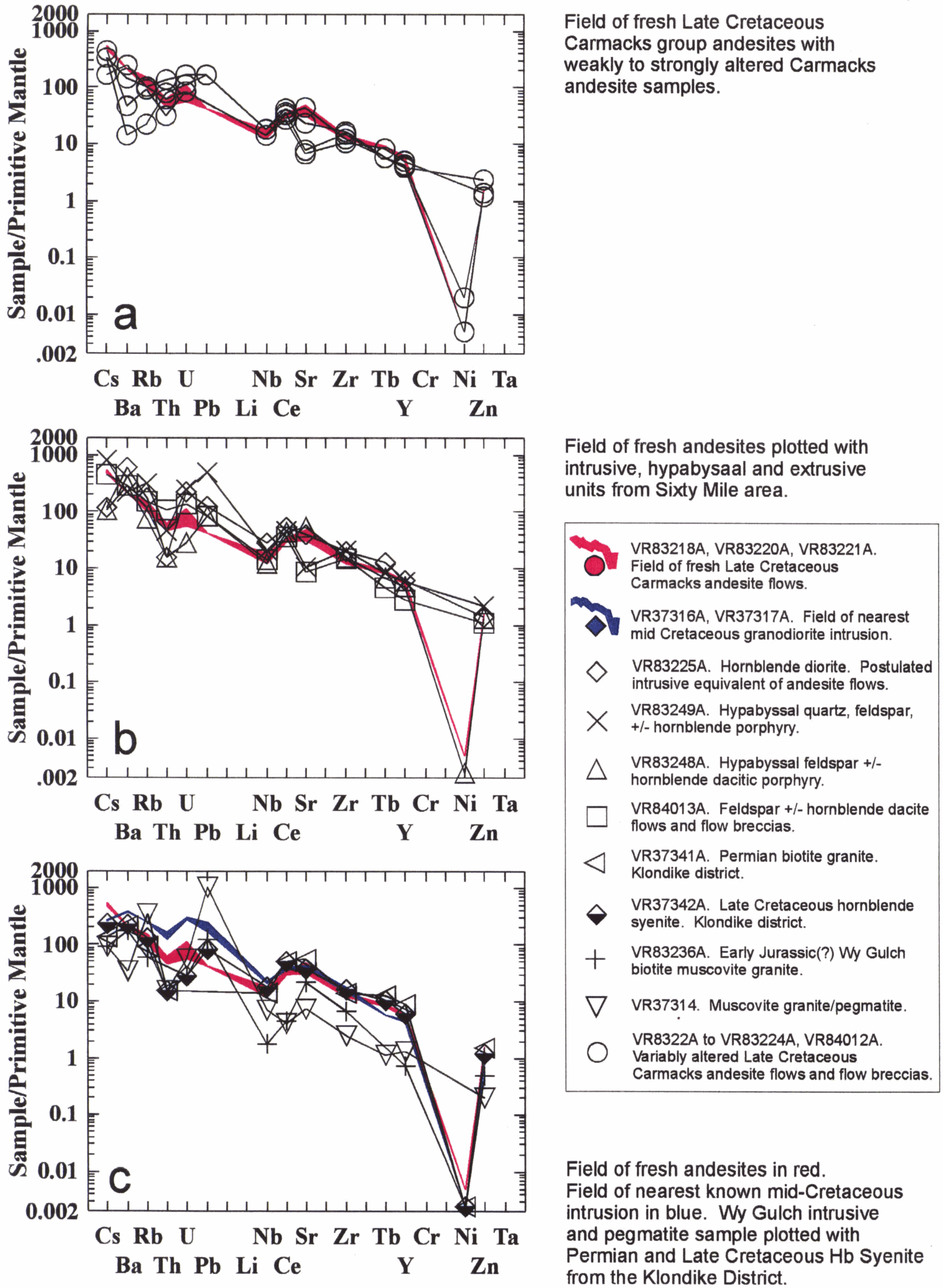

Figure 3. Primitive mantle normalized trace element plots for Sixty Mile and Klondike area samples

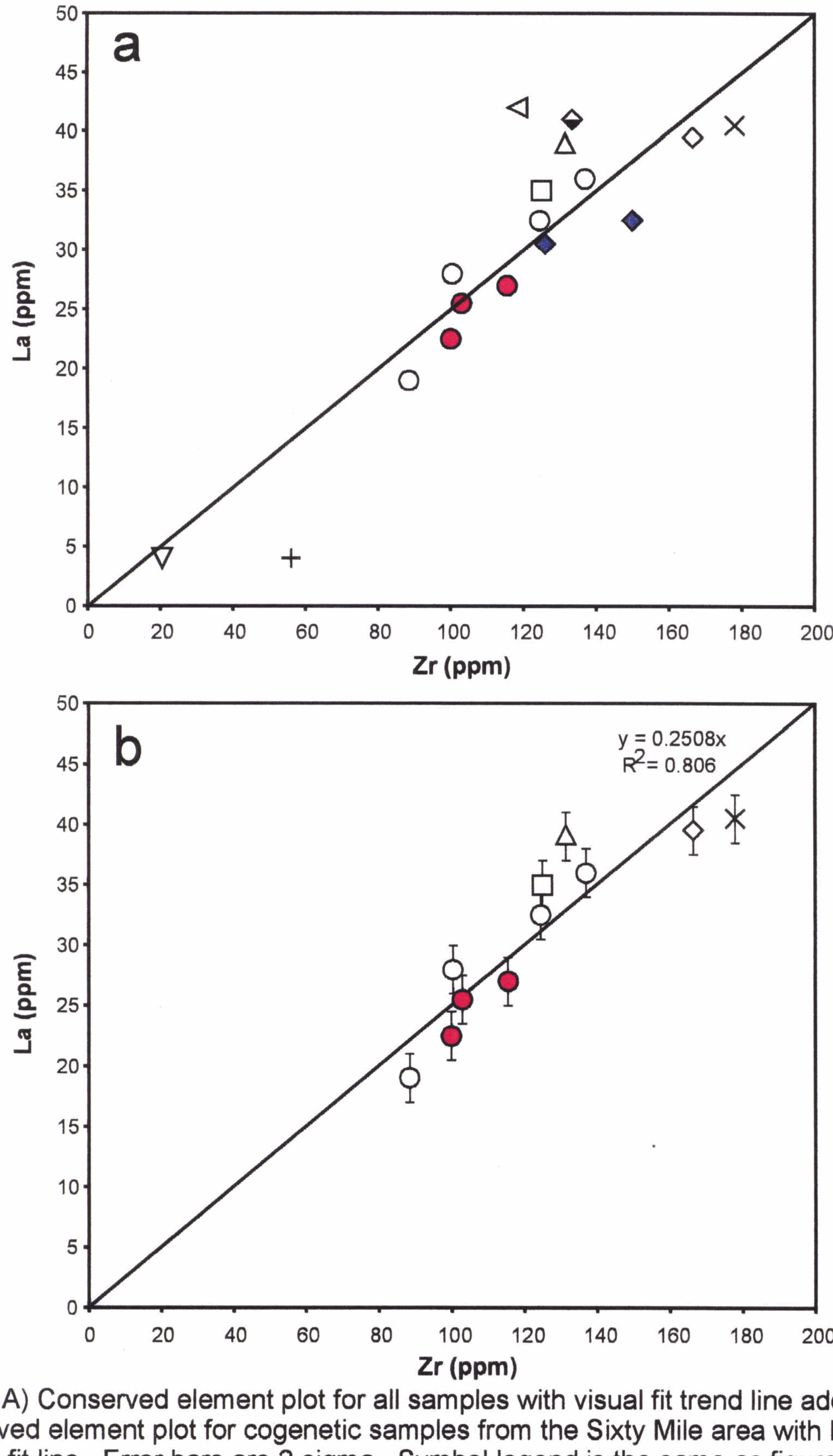

Figure 4. A) Conserved element plot for all samples with visual fit trend line added.
B) Conserved element plot for cogenetic samples from the Sixty Mile area with linear regression fit line. Error bars are 2 sigma. Symbol legend is the same as figure 1 and 2.

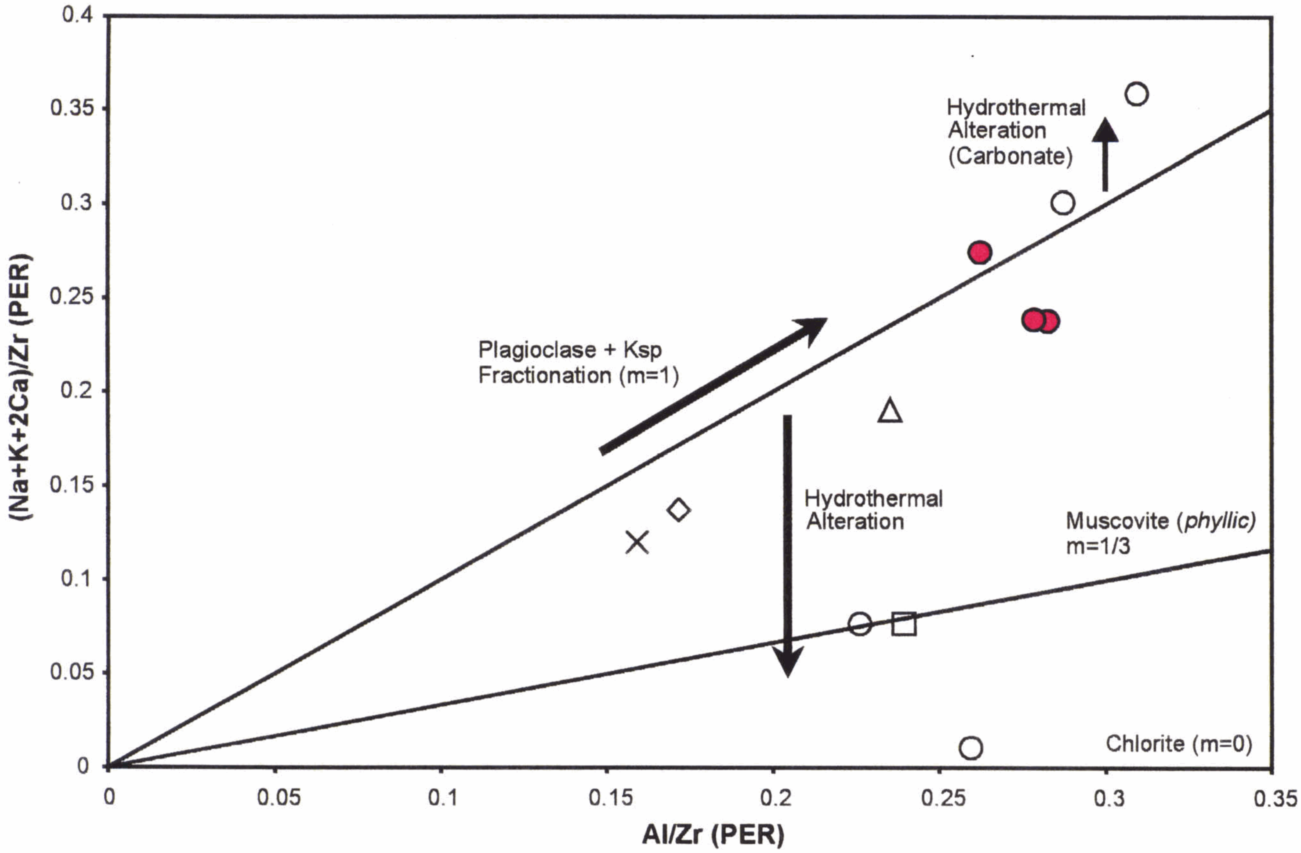

Figure 5. PER diagram with feldspar fractionation corresponding to a line with slope = 1. Altered samples are displaced vertically above and below this line depending on alteration style. Symbol legend is the same as figure 1 and 2.

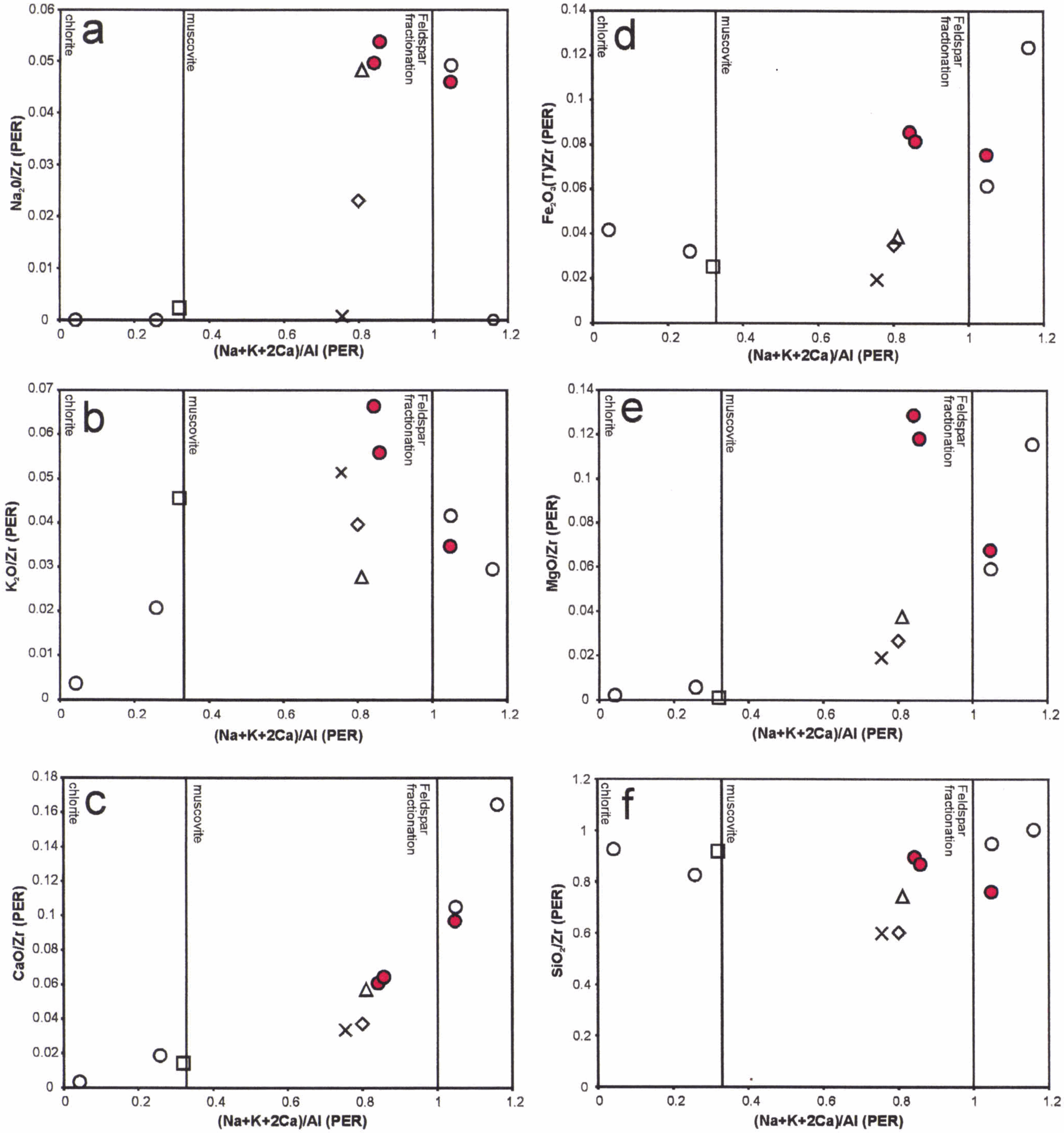

Figure 6. PER element behaviour maps in which information from figure 5 has been projected onto the X axis and PER elements are plotted on the Y axis. Symbol legend is the same as figures 1 and 2.

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CERTIFICATE OF ANALYSIS A9920795

SAMPLE	PREP CODE		Al2O3 % XRF	CaO % XRF	Cr2O3 % XRF	Fe2O3 % XRF	K2O % XRF	MgO % XRF	MnO % XRF	Na2O % XRF	P2O5 % XRF	SiO2 % XRF	TiO2 % XRF	LOI % XRF	TOTAL %	Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm
VR83212A	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
VR83213A	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
VR83218A	208	226	16.36	6.65	< 0.01	7.39	2.00	3.34	0.15	3.49	0.38	56.00	0.89	2.53	99.18	1100	50.0	9.7	15.0	10	3.9
VR83220A	208	226	14.65	3.48	< 0.01	6.97	3.18	5.28	0.16	3.13	0.40	54.84	0.70	6.07	98.86	1105	43.5	9.1	18.0	25	3.2
VR83221A	208	226	14.98	3.82	< 0.01	6.89	2.78	5.03	0.16	3.52	0.40	55.18	0.72	5.72	99.20	1095	47.5	8.4	18.0	25	3.4
VR83222A	208	226	16.66	0.25	< 0.01	4.19	0.22	0.12	0.04	< 0.01	0.21	70.17	0.43	7.09	99.38	72.0	53.0	6.1	5.0	20	2.7
VR83223A	208	226	14.78	5.95	< 0.01	4.96	1.98	2.41	0.12	3.08	0.26	57.65	0.46	7.40	99.05	1250	48.0	3.0	12.0	10	2.5
VR83224A	208	226	12.93	7.57	< 0.01	8.10	1.14	3.82	0.16	< 0.01	0.45	49.48	0.85	14.17	98.67	235	38.5	8.3	16.0	10	3.5
VR83225A	208	226	15.56	3.72	< 0.01	4.96	3.32	1.92	0.11	2.54	0.33	64.27	0.63	1.99	99.35	3070	76.0	2.1	7.0	15	4.3
VR84012A	208	226	15.81	1.45	< 0.01	3.52	1.34	0.32	0.13	< 0.01	0.21	68.13	0.42	7.95	99.28	755	60.5	6.0	8.0	5	2.6
VR84013A	208	226	15.62	1.03	< 0.01	2.58	2.75	0.06	0.09	0.19	0.12	70.68	0.29	6.16	99.57	1440	52.5	8.0	4.0	5	1.6

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VR83212A	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
VR83213A	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
VR83218A	208	226	2.5	1.6	5.2	19	3	0.8	27.0	5	0.4	23.0	< 5	10	6.2	56.6	5.4	< 1	858	< 0.5	0.8
VR83220A	208	226	2.1	1.4	4.5	17	3	0.7	22.5	< 5	0.3	20.5	10	7	5.3	83.8	4.6	< 1	546	< 0.5	0.7
VR83221A	208	226	2.1	1.5	4.7	17	3	0.7	25.5	5	0.3	23.0	10	7	5.9	74.8	4.7	< 1	641	< 0.5	0.7
VR83222A	208	226	1.7	1.2	3.6	18	4	0.5	32.5	20	0.3	21.5	10	10	6.2	12.2	3.9	1	140.0	< 0.5	0.5
VR83223A	208	226	1.8	1.2	3.8	17	3	0.5	28.0	< 5	0.3	19.0	40	8	5.4	55.0	3.5	< 1	790	< 0.5	0.5
VR83224A	208	226	2.0	1.2	4.2	15	3	0.6	19.0	< 5	0.3	19.5	< 5	8	4.9	50.6	4.3	< 1	119.5	< 0.5	0.7
VR83225A	208	226	2.4	2.3	6.7	23	5	0.9	39.5	15	0.5	34.0	< 5	16	9.4	99.0	6.7	< 1	695	0.5	1.1
VR84012A	208	226	1.6	1.2	3.2	18	4	0.5	36.0	20	0.3	20.0	< 5	10	6.3	55.2	3.9	< 1	416	< 0.5	0.5
VR84013A	208	226	1.0	0.9	2.3	16	4	0.3	35.0	10	0.2	16.5	< 5	8	5.6	83.0	2.8	< 1	156.5	< 0.5	0.4

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SAMPLE	PREP CODE		Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm
VR83212A	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
VR83213A	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
VR83218A	208	226	< 0.5	4	0.4	1	5	2.0	185	2.3	20.5	80	115.5
VR83220A	208	226	< 0.5	3	0.3	3	5	1.0	160	1.9	18.0	70	100.0
VR83221A	208	226	< 0.5	3	0.3	< 1	4	1.0	165	2.1	19.0	70	103.0
VR83222A	208	226	< 0.5	5	0.2	1	9	2.0	65	1.6	14.0	70	124.5
VR83223A	208	226	< 0.5	4	0.3	< 1	4	1.5	90	1.8	15.0	60	100.5
VR83224A	208	226	< 0.5	2	0.3	3	14	1.5	180	1.9	17.0	70	88.5
VR83225A	208	226	< 0.5	1	0.5	8	6	4.0	100	2.1	20.5	70	166.5
VR84012A	208	226	< 0.5	9	0.3	6	11	3.0	45	1.6	13.5	120	137.0
VR84013A	208	226	< 0.5	7	0.1	< 1	4	2.5	35	1.2	9.5	55	125.0

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SAMPLE	PREP CODE		Al2O3 % XRF	CaO % XRF	Cr2O3 % XRF	Fe2O3 % XRF	K2O % XRF	MgO % XRF	MnO % XRF	Na2O % XRF	P2O5 % XRF	SiO2 % XRF	TiO2 % XRF	LOI % XRF	TOTAL %	Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm
VR83236	208	226	13.89	3.42	< 0.01	0.89	1.54	1.05	0.03	2.96	0.02	69.49	0.07	6.13	99.49	878	6.5	1.7	2.0	5	0.4

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VR83236	208	226	0.1	0.1	0.5	19	2	< 0.1	4.0	15	< 0.1	2.5	5	1	0.8	33.0	0.5	< 1	395	< 0.5	< 0.1

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SAMPLE	PREP CODE		Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm
VR83236	208	226	< 0.5	< 1	< 0.1	< 1	3	0.5	20	0.2	2.5	25	56.0

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SAMPLE	PREP CODE	Al_2O_3 % XRF	CaO % XRF	Cr_2O_3 % XRF	Fe_2O_3 % XRF	K_2O % XRF	MgO % XRF	MnO % XRF	Na_2O % XRF	P_2O_5 % XRF	SiO_2 % XRF	TiO_2 % XRF	LOI % XRF	TOTAL %	Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm
VR37314	208 226	15.06	0.68	< 0.01	0.88	6.52	0.07	0.02	2.59	0.03	71.70	0.05	1.35	98.95	174.0	6.0	1.7	< 0.5	< 5	0.6
VR37316	208 226	15.10	3.37	< 0.01	3.78	3.53	1.36	0.07	3.41	0.18	67.17	0.46	0.73	99.16	1910	51.5	5.0	5.5	10	2.6
VR37317	208 226	15.94	4.02	< 0.01	4.63	3.35	1.56	0.08	3.59	0.20	64.60	0.54	0.60	99.11	1975	58.5	4.8	6.0	15	2.7

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SAMPLE	PREP CODE		Er ppm	Eu ppm	Gd ppm	Ga ppm	Hf ppm	Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm	Rb ppm	Sm ppm	Ag ppm	Sr ppm	Ta ppm	Tb ppm
VR37314	208	226	0.4	0.3	0.7	23	1	0.1	4.0	125	< 0.1	3.0	< 5	4	0.7	198.0	0.7	< 1	131.0	< 0.5	0.1
VR37316	208	226	1.3	1.4	3.6	19	4	0.5	30.5	30	0.2	23.0	5	13	6.3	139.0	4.0	< 1	683	0.5	0.5
VR37317	208	226	1.6	1.5	3.8	20	5	0.5	32.5	20	0.2	26.0	5	12	7.2	134.5	4.6	< 1	769	0.5	0.5

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SAMPLE	PREP CODE		Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm
VR37314	208	226	0.5	1	< 0.1	1	1	1.0	10	0.3	4.5	10	20.5
VR37316	208	226	< 0.5	8	0.2	5	3	5.0	80	1.3	15.0	40	126.0
VR37317	208	226	0.5	11	0.2	2	3	5.5	90	1.6	16.5	40	150.0

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Project : YUKON GOLD
Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

Page Number : 1-A
Total Pages : 1
Certificate Date: 19-AUG-1999
Invoice No. : I9924150
P.O. Number : V080
Account : KAVD

CERTIFICATE OF ANALYSIS A9924150

SAMPLE	PREP CODE		Al2O3 % XRF	CaO % XRF	Cr2O3 % XRF	Fe2O3 % XRF	K2O % XRF	MgO % XRF	MnO % XRF	Na2O % XRF	P2O5 % XRF	SiO2 % XRF	TiO2 % XRF	LOI % XRF	TOTAL %	Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm
VR37341	208	294	16.85	4.75	< 0.01	6.11	2.59	1.81	0.11	3.15	0.34	59.05	0.54	3.36	98.66	1105	73.5	2.5	8.0	< 5	5.6
VR37342	208	294	15.78	4.85	< 0.01	5.95	2.70	2.12	0.11	3.77	0.35	57.48	0.59	4.86	98.56	1165	72.5	4.2	6.5	< 5	4.1
VR83248	208	294	16.64	4.46	< 0.01	4.29	1.81	2.10	0.11	4.15	0.23	62.05	0.43	3.09	99.36	1455	62.0	1.9	7.0	10	2.9
VR83249	208	294	14.55	3.41	< 0.01	2.80	4.35	1.39	0.13	0.09	0.15	64.64	0.42	7.45	99.38	1130	66.5	14.4	4.5	10	3.4

CERTIFICATION:

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

Project : YUKON GOLD
Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

Page Nu...er : 1-B
Total Pages : 1
Certificate Date: 19-AUG-1999
Invoice No. : I9924150
P.O. Number : V080
Account : KAVD

CERTIFICATE OF ANALYSIS A9924150

SAMPLE	PREP CODE		Er ppm	Eu ppm	Gd ppm	Ga ppm	Hf ppm	Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm	Rb ppm	Sm ppm	Ag ppm	Sr ppm	Ta ppm	Tb ppm
VR37341	208	294	2.9	1.8	6.1	19	1	1.1	42.0	< 5	0.3	36.0	5	8	10.2	50.0	7.3	< 1	1005	< 0.5	1.1
VR37342	208	294	2.1	2.0	5.2	19	2	0.7	41.0	10	0.3	35.0	5	10	9.7	70.8	6.8	< 1	674	< 0.5	0.9
VR83248	208	294	1.5	1.6	3.6	18	1	0.6	39.0	10	0.2	26.5	5	7	7.9	41.4	4.9	< 1	954	< 0.5	0.6
VR83249	208	294	1.9	1.3	4.3	18	4	0.7	40.5	60	0.3	28.0	< 5	12	8.4	177.5	5.7	< 1	189.5	0.5	0.7

CERTIFICATION:________________________

Chemex Labs Ltd.
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Project : YUKON GOLD
Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

Page Number : 1-C
Total Pages : 1
Certificate Date: 19-AUG-1999
Invoice No. : I9924150
P.O. Number : V080
Account : KAVD

CERTIFICATE OF ANALYSIS A9924150

SAMPLE	PREP CODE		Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm
VR37341	208	294	< 0.5	1	0.4	1	8	< 0.5	140	2.4	30.5	75	118.5
VR37342	208	294	< 0.5	1	0.3	1	5	0.5	145	2.0	21.0	60	133.5
VR83248	208	294	< 0.5	1	0.2	1	4	0.5	105	1.6	16.5	65	131.5
VR83249	208	294	1.5	3	0.3	3	3	4.5	85	1.9	19.5	110	178.0

CERTIFICATION:

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V6C 1S4

Project : YUKON GOLD
Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

Page Number : 1-A
Total Pages : 1
Certificate Date: 19-AUG-1999
Invoice No. : I9925737
P.O. Number : V080
Account : KAVD

CERTIFICATE OF ANALYSIS A9925737

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
84055	205	226	50	0.85	3.8	372	190	0.25	0.08	< 10	0.14	0.11	59	3.0	33.0	5.0	< 0.1	2.10	< 10	6	0.60
84056	205	226	15	0.18	1.4	46.4	110	0.20	20.5	< 10	1.44	0.18	92	2.2	21.0	0.7	< 0.1	0.95	< 10	752	0.06
84057	205	226	15	0.31	4.1	92.8	70	0.10	0.20	< 10	0.16	0.12	69	1.4	50.6	0.5	< 0.1	1.17	< 10	14	0.01
84058	205	226	10	0.33	5.6	102.5	70	0.25	0.13	< 10	0.20	0.07	80	2.2	64.8	0.4	< 0.1	1.54	< 10	12	0.01
84059	205	226	20	0.25	5.4	87.2	60	0.10	0.09	< 10	0.08	0.04	69	1.2	44.4	0.4	< 0.1	1.18	< 10	12	0.01
84060	205	226	< 5	0.29	0.4	6.0	190	0.05	0.19	< 10	0.42	0.22	77	3.6	44.8	0.8	< 0.1	1.95	< 10	6	0.17
84061	205	226	< 5	0.30	0.1	6.6	130	0.05	0.16	< 10	0.66	0.80	75	7.0	53.7	0.9	< 0.1	1.64	< 10	4	0.56
84062	205	226	< 5	0.32	0.3	39.4	140	0.15	0.17	< 10	0.16	0.31	82	5.8	36.0	0.9	< 0.1	2.13	< 10	8	0.25
84063	205	226	15	0.31	12.6	113.0	230	0.15	0.12	< 10	1.12	0.34	76	7.0	77.0	1.1	< 0.1	2.83	< 10	34	0.03
84064	205	226	5	0.28	1.3	34.4	420	0.20	0.12	< 10	0.30	0.01	89	1.0	25.8	0.9	< 0.1	0.94	< 10	14	0.03
84065	205	226	15	0.31	1.8	295	250	0.10	0.18	< 10	0.38	0.03	74	1.8	68.3	0.7	< 0.1	1.63	< 10	6	0.02

CERTIFICATION:

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212 Brooksbank Ave., North Vancouver
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To: KENNECOTT CANADA, INC.
ATTN: ROGER HULSTEIN
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VANCOUVER, BC
V6C 1S4

Project : YUKON GOLD
Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

Page Number : 1-B
Total Pages : 1
Certificate Date: 19-AUG-1999
Invoice No. : I9925737
P.O. Number : V080
Account : KAVD

CERTIFICATE OF ANALYSIS A9925737

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
84055	205	226	220	0.03	1.2	10	300	0.13	4	3.0	0.94	< 0.01	8	0.92	0.05	0.12	< 0.01	1.65	0.75	23	20
84056	205	226	405	0.01	1.8	15	880	0.04	< 1	3.0	10.50	0.01	20	0.04	0.55	0.08	< 0.01	1.50	0.75	6	50
84057	205	226	25	0.03	1.0	16	820	0.06	< 1	< 0.5	0.40	0.01	13	0.01	0.05	0.06	< 0.01	2.60	1.80	7	32
84058	205	226	35	0.05	1.4	20	580	0.06	< 1	0.5	0.36	< 0.01	8	0.01	< 0.05	0.02	< 0.01	3.50	2.20	8	44
84059	205	226	20	0.03	1.0	15	360	0.06	< 1	0.5	0.40	< 0.01	13	0.02	0.05	0.06	< 0.01	2.75	1.35	6	26
84060	205	226	450	0.03	2.2	18	230	0.14	< 1	1.5	0.36	0.01	13	0.31	0.15	0.12	< 0.01	1.10	0.60	14	84
84061	205	226	875	0.01	3.4	22	490	0.15	< 1	2.0	0.40	0.01	23	0.40	0.10	0.06	< 0.01	0.85	1.40	8	52
84062	205	226	575	0.01	2.2	21	340	0.16	1	1.0	0.22	0.01	13	0.52	0.05	0.18	< 0.01	0.90	0.70	11	44
84063	205	226	490	0.07	3.8	61	1940	0.13	1	1.5	0.88	0.01	19	< 0.01	0.15	0.16	< 0.01	15.90	1.60	34	322
84064	205	226	140	0.06	3.8	11	180	0.12	< 1	2.5	0.68	0.01	6	< 0.01	0.05	0.14	< 0.01	1.10	0.90	17	44
84065	205	226	95	0.01	1.8	18	320	0.10	< 1	0.5	0.84	0.01	7	0.09	0.10	0.08	< 0.01	0.70	1.65	13	60

CERTIFICATION:

APPENDIX K

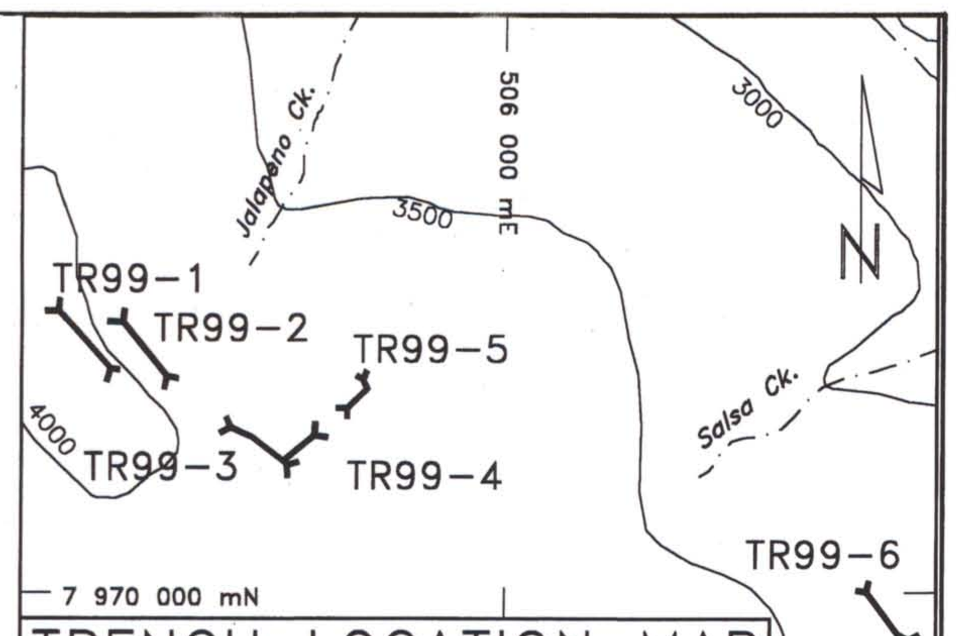
1999 TRENCH MAPS

Results.

1999

Trench_ID	Point (metres)	UTM_East	UTM_North
1	0	505177	7097521
1	140	505273	7097413
2	0	505296	7097500
2	120	505378	7097399
3	0	505600	7097238
3	86	505533	7097290
3	126	505495	7097306
4	0	505593	7097246
4	73	505650	7097291
5	0	505710	7097340
5	52	505747	7097375
5	72	505739	7097392
6	0	506742	7096913
6	20	506722	7096925
6	118	506665	7097002

505200E
505400E
505600E
505800E
7097600N
7097400N
7097200N
TR99-2
TR99-5
TR99-4
TR99-3
Kennecott Canada Exploration Inc.
Sixty Property
NTS 115N/15 & 116C/2
Excavator Trenches TR99-1 → 5
Sample Locations
Excavated July 25-28, 1999
by: Frank Hawker, Hitachi 300 EX (2yd bucket)
Avg depth 1.8m, width 1.5m
Plotted: July 31, 1999 by: R.H.
Survey by GPS - Garmin 12XL (NON DIFF.)
Accurate ±20+m



TRENCH LOCATION MAP

LEGEND

STRUCTURAL SYMBOLS

- Foliation: inclined
- Joint: inclined, vertical
- Fault or shear
- Structural locator dot

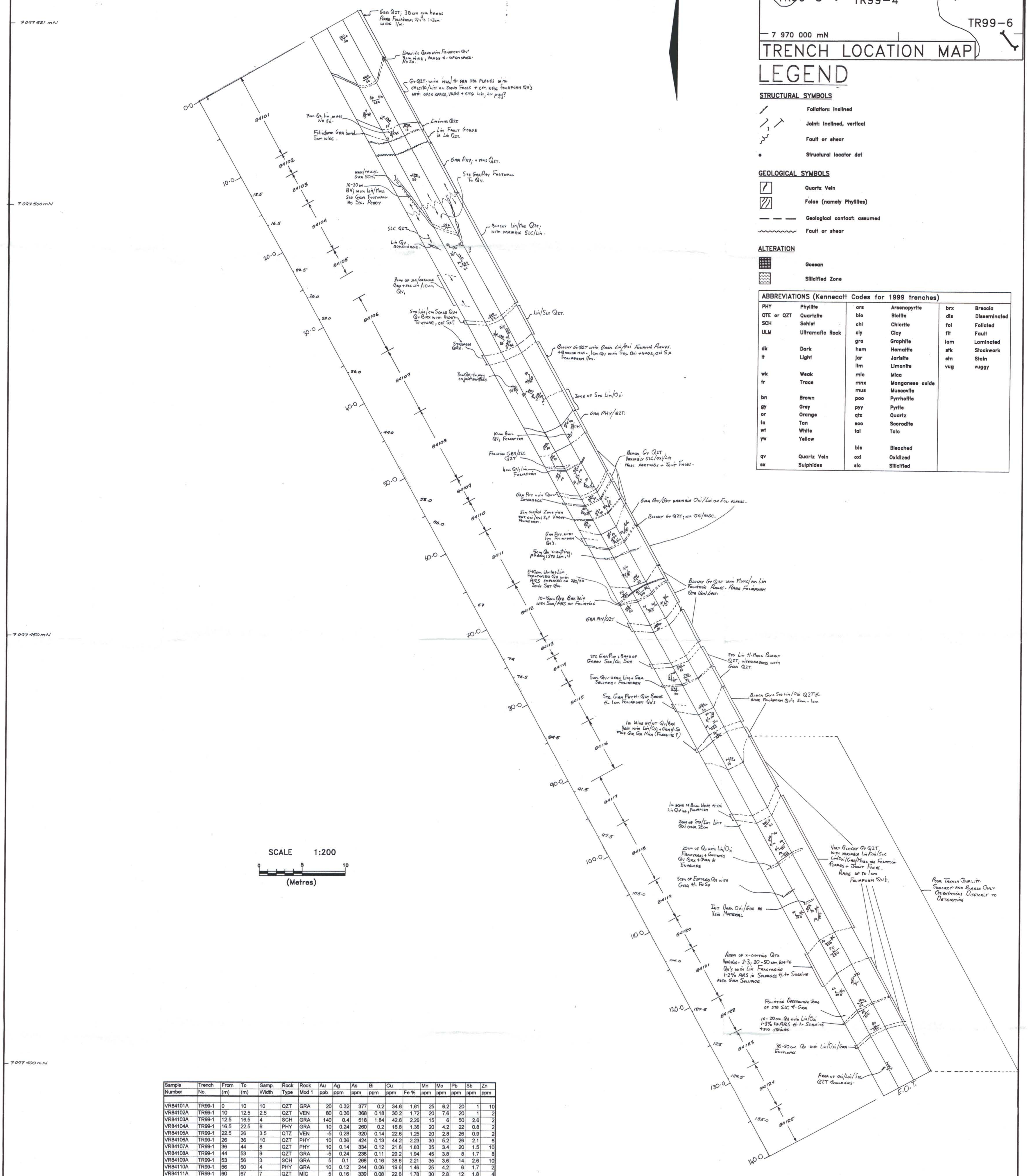
GEOLOGICAL SYMBOLS

- Quartz Vein
- Folae (namely Phyllites)
- Geological contact: assumed
- Fault or shear

ALTERATION

- Gossan
- Silicified Zone

ABBREVIATIONS (Kennecott Codes for 1999 trenches)					
PHY	Phyllite	ars	Arsenopyrite	brx	Breccia
QTE or QZT	Quartzite	bio	Biotite	dis	Disseminated
SCH	Schist	chl	Chlorite	fol	Foliated
ULM	Ultramafic Rock	cly	Clay	flt	Fault
		gra	Graphite	lam	Laminated
dk	Dark	hem	Hematite	stk	Stockwork
lt	Light	jar	Jarisite	stn	Stain
		lim	Limonite	vug	vuggy
wk	Weak	mic	Mica		
tr	Trace	mnx	Manganese oxide		
		mus	Muscovite		
bn	Brown	poo	Pyrrhotite		
gy	Grey	pyy	Pyrite		
or	Orange	qtz	Quartz		
tn	Tan	sco	Scorodite		
wt	White	tal	Talc		
yw	Yellow				
		ble	Bleached		
qv	Quartz Vein	oxi	Oxidized		
sx	Sulphides	slc	Silicified		



Sample Number	Trench No.	From (m)	To (m)	Samp. Width	Rock Type	Rock Mod 1	Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm
VR84101A	TR99-1	0	10	10	QZT	GRA	20	0.32	377	0.2	34.6	1.61	25	6.2	20	1	10
VR84102A	TR99-1	10	12.5	2.5	QZT	VEN	80	0.36	368	0.18	30.2	1.72	20	7.6	20	1	2
VR84103A	TR99-1	12.5	16.5	4	SCH	GRA	140	0.4	518	1.84	42.6	2.26	15	6	50	2.6	2
VR84104A	TR99-1	16.5	22.5	6	PHY	GRA	10	0.24	260	0.2	16.8	1.36	20	4.2	22	0.8	2
VR84105A	TR99-1	22.5	26	3.5	QTZ	VEN	-5	0.28	320	0.14	22.6	1.25	20	2.8	26	0.9	2
VR84106A	TR99-1	26	36	10	QZT	PHY	10	0.36	424	0.13	44.2	2.23	30	5.2	26	2.1	6
VR84107A	TR99-1	36	44	8	QZT	PHY	10	0.14	334	0.12	21.8	1.63	35	3.4	20	1.5	10
VR84108A	TR99-1	44	53	9	QZT	GRA	-5	0.24	238	0.11	29.2	1.94	45	3.8	8	1.7	8
VR84109A	TR99-1	53	56	3	SCH	GRA	5	0.1	268	0.16	38.6	2.21	35	3.6	14	2.6	10
VR84110A	TR99-1	56	60	4	PHY	GRA	10	0.12	244	0.06	19.6	1.46	25	4.2	6	1.7	2
VR84111A	TR99-1	60	67	7	QZT	MIC	5	0.16	339	0.08	22.6	1.78	30	2.8	12	1.8	4
VR84112A	TR99-1	67	74	7	SCH	GRA	15	0.24	568	0.17	26.4	1.9	70	4.6	34	1.7	10
VR84113A	TR99-1	74	76.5	2.5	QZT	VEN	120	1.22	7150	0.3	13.2	1.57	35	3.2	62	2.6	6
VR84114A	TR99-1	76.5	80	3.5	QZT	GRA	40	0.32	758	0.12	15.4	1.24	50	5	54	1.4	4
VR84115A	TR99-1	80	84.5	4.5	QZT	BRX	5	0.12	279	0.12	32.2	1.67	75	3	126	2.6	8
VR84116A	TR99-1	84.5	91.5	7	QZT	GRA	10	0.12	209	0.11	39	1.59	25	4.2	18	1.2	2
VR84117A	TR99-1	91.5	97.5	6	QZT	GRA	15	0.16	888	0.26	47.4	2.89	40	3	60	3.3	8
VR84118A	TR99-1	97.5	105	7.5	PHY	GRA	20	0.18	728	1.14	44	1.89	30	4.6	54	2.1	6
VR84119A	TR99-1	105	110	5	QZT	BLK	5	0.22	758	0.12	45.6	2.85	35	3.2	28	1.6	6
VR84120A	TR99-1	110	114	4	QZT	VEN	15	0.96	4160	0.18	34.8	1.96	40	4.2	52	3.1	6
VR84121A	TR99-1	114	120.5	6.5	QZT	BLK	10	0.24	466	0.12	38.4	2.14	35	3.6	32	2.6	6
VR84122A	TR99-1	120.5	125	4.5	VEN	PHY	10	0.48	1220	0.56	14.6	1.08	45	4.8	200	3.5	8
VR84123A	TR99-1	125	129.5	4.5	QZT	GRA	-5	0.26	395	0.04	17.8	1.54	50	3.6	60	3.1	8
VR84124A	TR99-1	129.5	135	5.5	QZT	VEN	10	6.22	412	4.89	18.4	0.93	50	4.2	694	3.2	6
VR84125A	TR99-1	135	140	5	QZT	GRA	-5	0.26	191	0.1	12.8	0.98	50	3.2	14	1.2	2

Note: UTM's obtained with GPS; ± 20m accuracy

094055

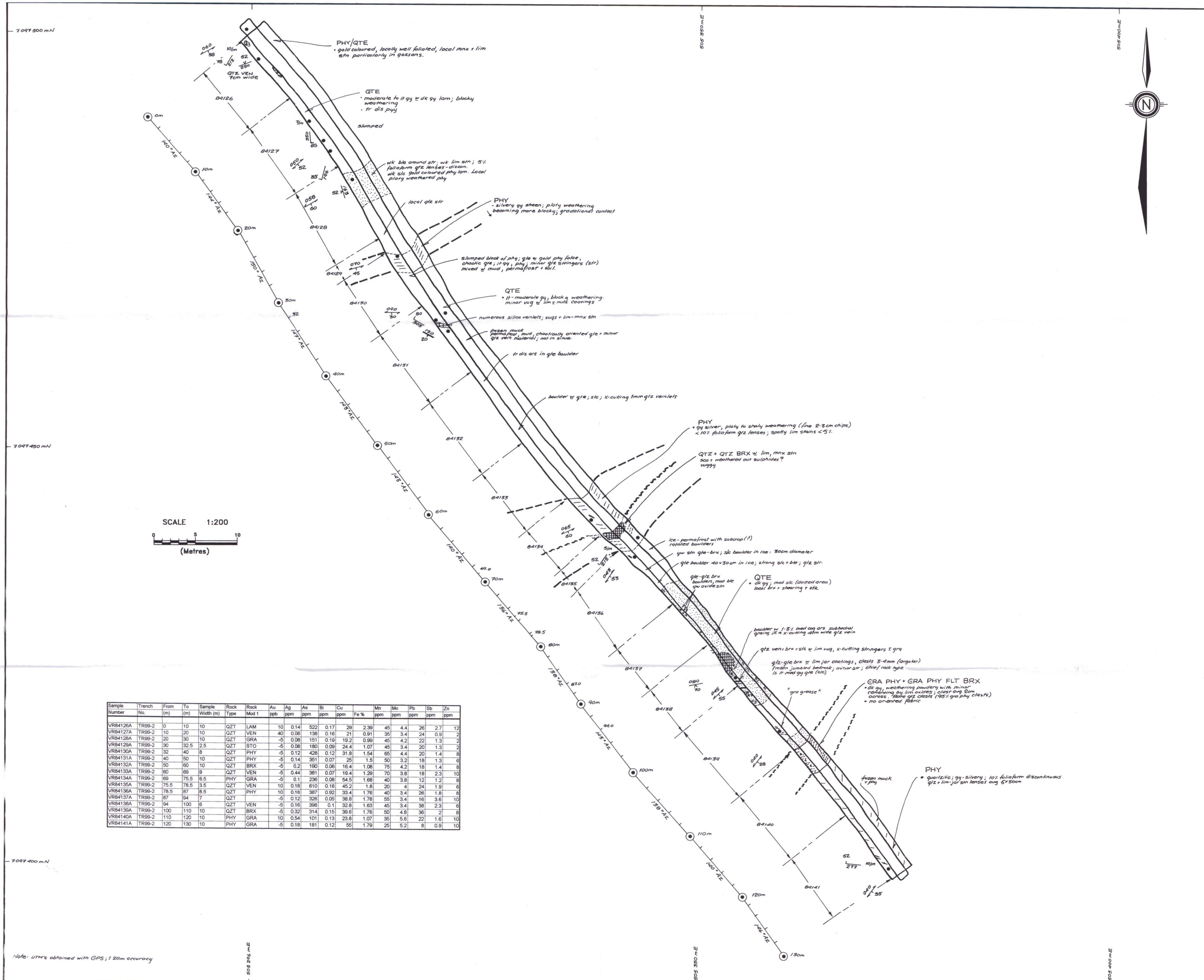
KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

SIXTY MILE GOLD PROJECT

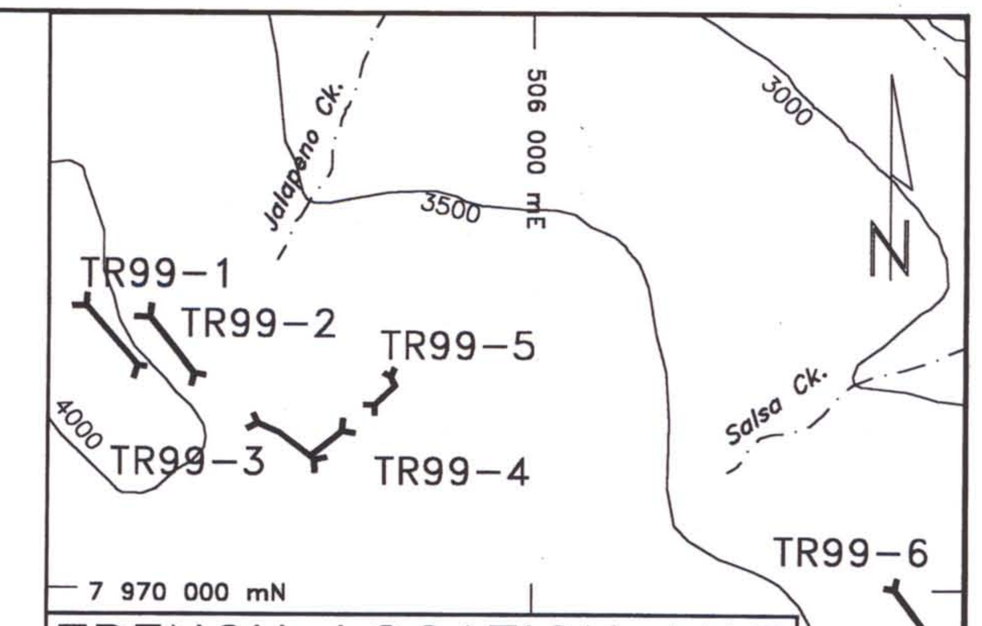
TRENCH TR99-1

YUKON TERRITORY, CANADA

Date: 2/11/99	Geology by: R. Duncan.	NTS: 116 C/2
Scale: 1:200	Drawn by: R. Zuran	Figure:



Note: UTM's obtained with GPS; ± 20m accuracy



TRENCH LOCATION MAP

LEGEND

STRUCTURAL SYMBOLS

- Foliation: inclined
- Joint: inclined, vertical
- Fault or shear
- Structural locator dot

GEOLOGICAL SYMBOLS

- Quartz Vein
- Folae (namely Phyllites)
- Geological contact: assumed
- Fault or shear

ALTERATION

- Gossan
- Silicified Zone

ABBREVIATIONS (Kennecott Codes for 1999 trenches)					
PHY	Phyllite	ars	Arsenopyrite	brx	Breccia
QTE or QZT	Quartzite	bio	Biotite	dis	Disseminated
SCH	Schist	chl	Chlorite	fol	Foliated
ULM	Ultramafic Rock	cly	Clay	flt	Fault
		gra	Graphite	lam	Laminated
dk	Dark	hem	Hematite	stk	Stockwork
lt	Light	jar	Jarisite	stn	Stain
		lim	Limonite	vug	vuggy
wk	Weak	mic	Mica		
tr	Trace	mnx	Manganese oxide		
		mus	Muscovite		
bn	Brown	poo	Pyrrhotite		
gy	Grey	pyy	Pyrite		
or	Orange	qtz	Quartz		
ta	Tan	sco	Scorodite		
wt	White	tal	Talc		
yw	Yellow				
		ble	Bleached		
qv	Quartz Vein	oxi	Oxidized		
sx	Sulphides	slc	Silicified		

Sample Number	Trench No.	From (m)	To (m)	Sample Width (m)	Rock Type	Rock Mod 1	Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm
VR84126A	TR99-2	0	10	10	QZT	LAM	10	0.14	522	0.17	29	2.39	45	4.4	26	2.7	12
VR84127A	TR99-2	10	20	10	QZT	VEN	40	0.08	138	0.16	21	0.91	35	3.4	24	0.9	2
VR84128A	TR99-2	20	30	10	QZT	GRA	-5	0.08	151	0.19	19.2	0.99	45	4.2	22	1.3	2
VR84129A	TR99-2	30	32.5	2.5	QZT	STO	-5	0.08	180	0.09	24.4	1.07	45	3.4	20	1.3	2
VR84130A	TR99-2	32	40	8	QZT	PHY	-5	0.12	428	0.12	31.8	1.54	65	4.4	20	1.4	8
VR84131A	TR99-2	40	50	10	QZT	PHY	-5	0.14	351	0.07	25	1.5	50	3.2	18	1.3	6
VR84132A	TR99-2	50	60	10	QZT	BRX	-5	0.2	190	0.06	16.4	1.08	75	4.2	18	1.4	8
VR84133A	TR99-2	60	69	9	QZT	VEN	-5	0.44	381	0.07	19.4	1.29	70	3.8	18	2.3	10
VR84134A	TR99-2	69	75.5	6.5	PHY	GRA	-5	0.1	236	0.08	54.5	1.68	40	3.8	12	1.2	8
VR84135A	TR99-2	75.5	78.5	3.5	QZT	VEN	10	0.18	610	0.16	45.2	1.8	20	4	24	1.9	6
VR84136A	TR99-2	78.5	87	8.5	QZT	PHY	10	0.16	387	0.92	33.4	1.76	40	3.4	26	1.8	8
VR84137A	TR99-2	87	94	7	QZT		-5	0.12	326	0.05	38.8	1.78	55	3.4	16	3.6	10
VR84138A	TR99-2	94	100	6	QZT	VEN	-5	0.16	398	0.1	32.8	1.63	45	3.4	38	2.3	6
VR84139A	TR99-2	100	110	10	QZT	BRX	-5	0.32	314	0.15	39.6	1.76	50	4.8	36	2	8
VR84140A	TR99-2	110	120	10	PHY	GRA	10	0.54	101	0.13	23.8	1.07	35	5.6	22	1.6	10
VR84141A	TR99-2	120	130	10	PHY	GRA	-5	0.18	181	0.12	55	1.79	25	5.2	8	0.9	10

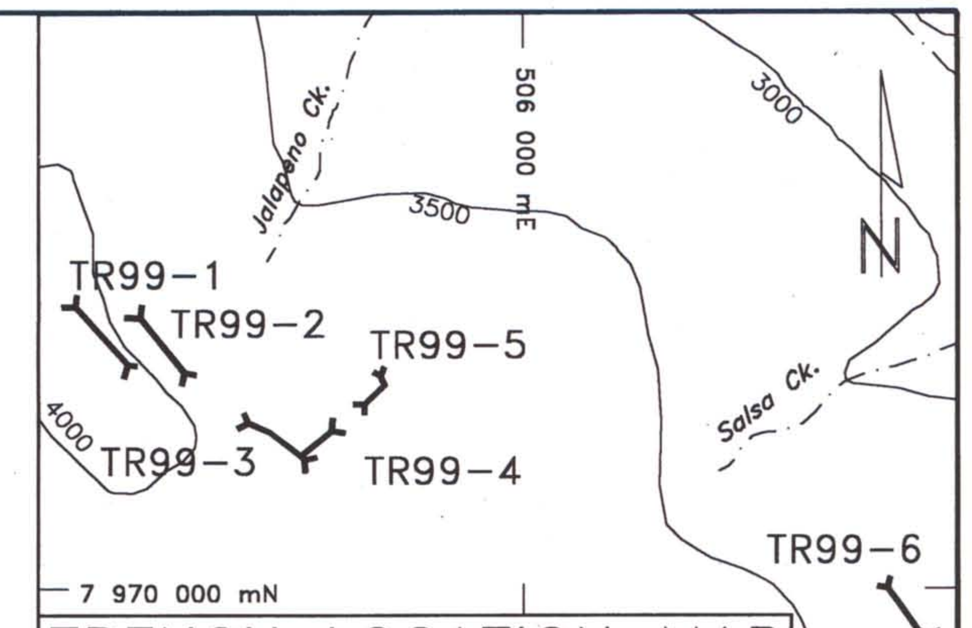
KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

SIXTY MILE GOLD PROJECT

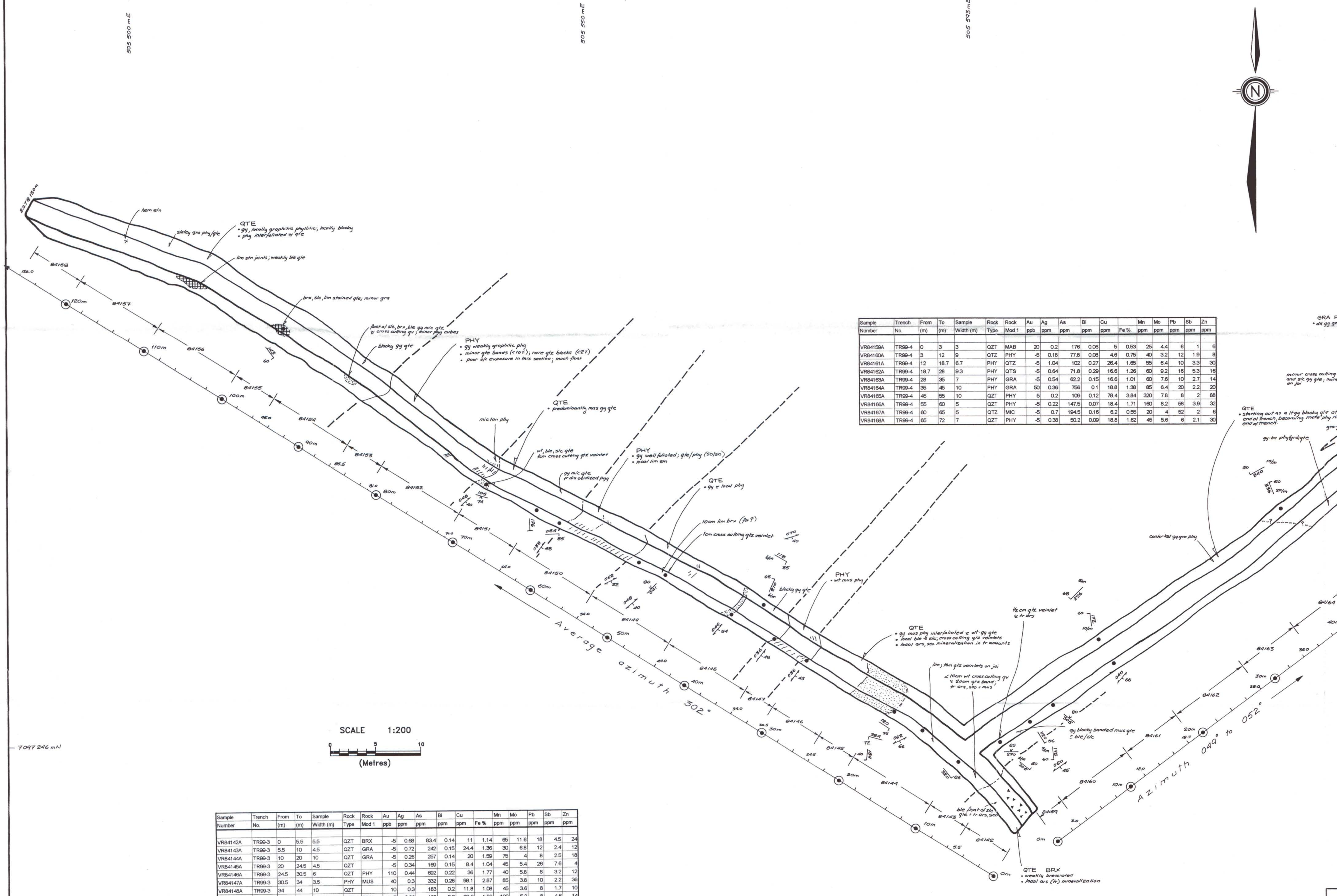
TRENCH TR99-2

YUKON TERRITORY, CANADA

Date: 2/11/99	Geology by: R. Zuran	NTS: 116 C/2
Scale: 1:200	Drawn by: R. Zuran	Figure:



TRENCH LOCATION MAP



Note: UTM's obtained with GPS; ± 20m accuracy.

Sample Number	Trench No.	From (m)	To (m)	Sample Width (m)	Rock Type	Rock Mod 1	Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm
VR84159A	TR99-4	0	3	3	QZT	MAB	20	0.2	176	0.06	5	0.53	25	4.4	6	1	6
VR84160A	TR99-4	3	12	9	QTZ	PHY	-5	0.18	77.8	0.08	4.6	0.75	40	3.2	12	1.9	8
VR84161A	TR99-4	12	18.7	6.7	PHY	QTZ	-5	1.04	102	0.27	26.4	1.65	55	6.4	10	3.3	30
VR84162A	TR99-4	18.7	28	9.3	PHY	QTS	-5	0.64	71.8	0.29	16.6	1.26	60	9.2	16	5.3	16
VR84163A	TR99-4	28	35	7	PHY	GRA	-5	0.54	62.2	0.15	16.6	1.01	60	7.6	10	2.7	14
VR84164A	TR99-4	35	45	10	PHY	GRA	50	0.36	756	0.1	18.8	1.38	85	6.4	20	2.2	20
VR84165A	TR99-4	45	55	10	QZT	PHY	5	0.2	109	0.12	78.4	3.84	320	7.8	8	2	88
VR84166A	TR99-4	55	60	5	QZT	PHY	-5	0.22	147.5	0.07	18.4	1.71	160	8.2	58	3.9	32
VR84167A	TR99-4	60	65	5	QTZ	MIC	-5	0.7	194.5	0.16	6.2	0.55	20	4	52	2	6
VR84168A	TR99-4	65	72	7	QZT	PHY	-5	0.38	50.2	0.09	18.8	1.62	45	5.6	6	2.1	30

Sample Number	Trench No.	From (m)	To (m)	Sample Width (m)	Rock Type	Rock Mod 1	Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm
VR84142A	TR99-3	0	5.5	5.5	QZT	BRX	-5	0.68	83.4	0.14	11	1.14	65	11.6	18	4.5	24
VR84143A	TR99-3	5.5	10	4.5	QZT	GRA	-5	0.72	242	0.15	24.4	1.36	30	6.8	12	2.4	12
VR84144A	TR99-3	10	20	10	QZT	GRA	-5	0.26	257	0.14	20	1.59	75	4	8	2.5	18
VR84145A	TR99-3	20	24.5	4.5	QZT		-5	0.34	169	0.15	8.4	1.04	45	5.4	26	7.6	4
VR84146A	TR99-3	24.5	30.5	6	QZT	PHY	110	0.44	692	0.22	36	1.77	40	5.8	8	3.2	12
VR84147A	TR99-3	30.5	34	3.5	PHY	MUS	40	0.3	332	0.28	98.1	2.87	85	3.8	10	2.2	36
VR84148A	TR99-3	34	44	10	QZT		10	0.3	183	0.2	11.8	1.08	45	3.6	8	1.7	10
VR84149A	TR99-3	44	54	10	QZT	BRX	-5	0.36	128	0.2	29.6	1.82	100	5.2	8	4.6	14
VR84150A	TR99-3	54	64	10	PHY	QTZ	-5	0.44	125	0.16	26.6	2.01	85	5	10	3.1	32
VR84151A	TR99-3	64	71	7	QZT		-5	0.96	123	0.17	64.6	1.98	40	3.6	10	5.6	6
VR84152A	TR99-3	71	81	10	QZT	GRA	-5	0.54	131	0.2	56.5	2.46	40	5.6	26	10.3	12
VR84153A	TR99-3	81	85.5	4.5	QZT		10	0.92	88.8	0.15	27.8	1.5	50	7	14	6.1	10
VR84154A	TR99-3	85.5	95	9.5	PHY	QTZ	15	0.26	422	0.21	24.6	2.22	45	2.8	42	8.6	10
VR84155A	TR99-3	95	100	5	QZT	PHY	15	0.06	334	0.08	25.8	2.08	30	4.4	28	8.7	8
VR84156A	TR99-3	100	110	10	QZT	PHY	130	0.08	330	0.1	29	2.1	45	4	36	19.7	6
VR84157A	TR99-3	110	120	10	QZT	GRA	20	0.1	194.5	0.2	16.6	1.16	35	4	28	5.8	2
VR84158A	TR99-3	120	126	6	QZT	GRA	25	0.08	328	0.1	26.4	1.93	20	3	8	4.5	4

LEGEND

STRUCTURAL SYMBOLS

- Foliation: Inclined
- Joint: Inclined, vertical
- Fault or shear
- Structural locator dot

GEOLOGICAL SYMBOLS

- Quartz Vein
- Folae (namely Phyllites)
- Geological contact: assumed
- Fault or shear

ALTERATION

- Gossan
- Silicified Zone

ABBREVIATIONS (Kennecott Codes for 1999 trenches)

PHY	Phyllite	ars	Arsenopyrite	brx	Breccia
QTE or QZT	Quartzite	bio	Biotite	dis	Disseminated
SCH	Schist	chl	Chlorite	fol	Foliated
ULM	Ultramafic Rock	cly	Clay	flt	Fault
		gra	Graphite	lam	Laminated
dk	Dark	hem	Hematite	stk	Stockwork
lt	Light	jar	Jarisite	stn	Stain
		lim	Limonite	vug	vuggy
wk	Weak	mic	Mica		
tr	Trace	mnx	Manganese oxide		
		mus	Muscovite		
bn	Brown	poo	Pyrrhotite		
gy	Grey	pyy	Pyrite		
or	Orange	qtz	Quartz		
ta	Tan	sco	Scorodite		
wt	White	tal	Talc		
yw	Yellow				
		ble	Bleached		
qv	Quartz Vein	oxl	Oxidized		
sx	Sulphides	slc	Silicified		

KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

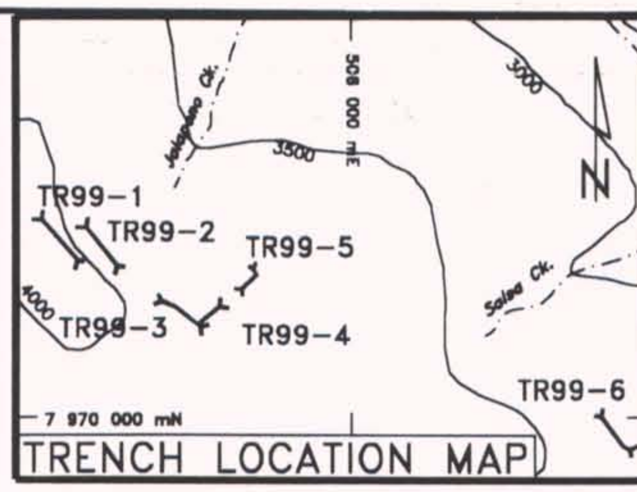
SIXTY MILE GOLD PROJECT

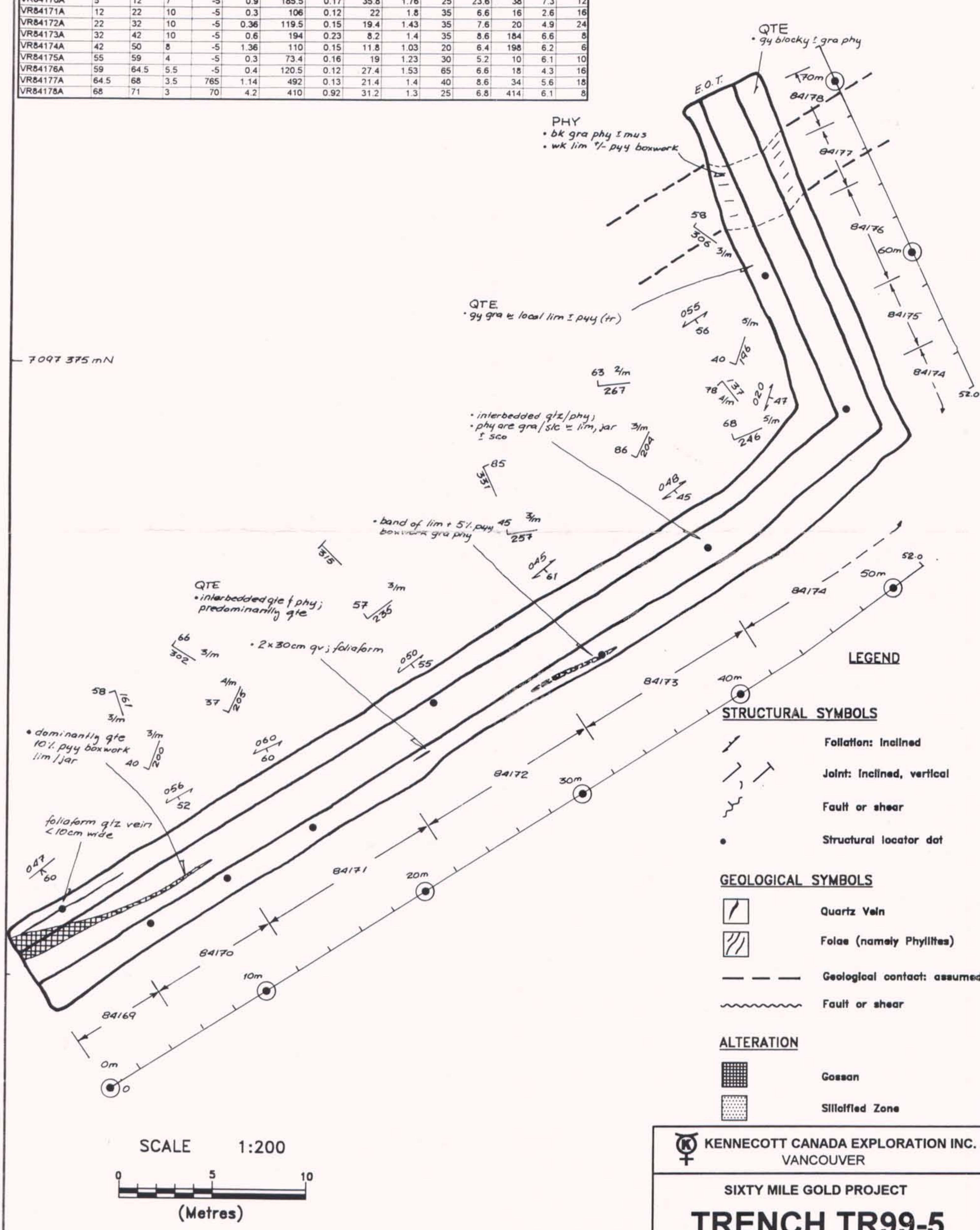
TRENCHES TR99-3 & 4

YUKON TERRITORY, CANADA

Date: 2/11/99	Geology by: R. Hulstein, R. Duncan.	NTS: 116 C/2
Scale: 1:200	Drawn by: R. Zuran	Figure:

Sample Number	From (m)	To (m)	(m)	Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm
VR84169A	0.5	5	4.5	5	0.98	191	0.15	40.4	1.98	25	6.6	14	4.9	8
VR84170A	5	12	7	-5	0.9	185.5	0.17	35.8	1.76	25	23.6	38	7.3	12
VR84171A	12	22	10	-5	0.3	106	0.12	22	1.8	35	6.6	16	2.6	16
VR84172A	22	32	10	-5	0.36	119.5	0.15	19.4	1.43	35	7.6	20	4.9	24
VR84173A	32	42	10	-5	0.6	194	0.23	8.2	1.4	35	8.6	184	6.6	8
VR84174A	42	50	8	-5	1.36	110	0.15	11.8	1.03	20	6.4	198	6.2	6
VR84175A	55	59	4	-5	0.3	73.4	0.16	19	1.23	30	5.2	10	6.1	10
VR84176A	59	64.5	5.5	-5	0.4	120.5	0.12	27.4	1.53	65	6.6	18	4.3	16
VR84177A	64.5	68	3.5	765	1.14	492	0.13	21.4	1.4	40	8.6	34	5.6	18
VR84178A	68	71	3	70	4.2	410	0.92	31.2	1.3	25	6.8	414	6.1	8





Note: UTM's obtained with GPS; ± 20m accuracy.

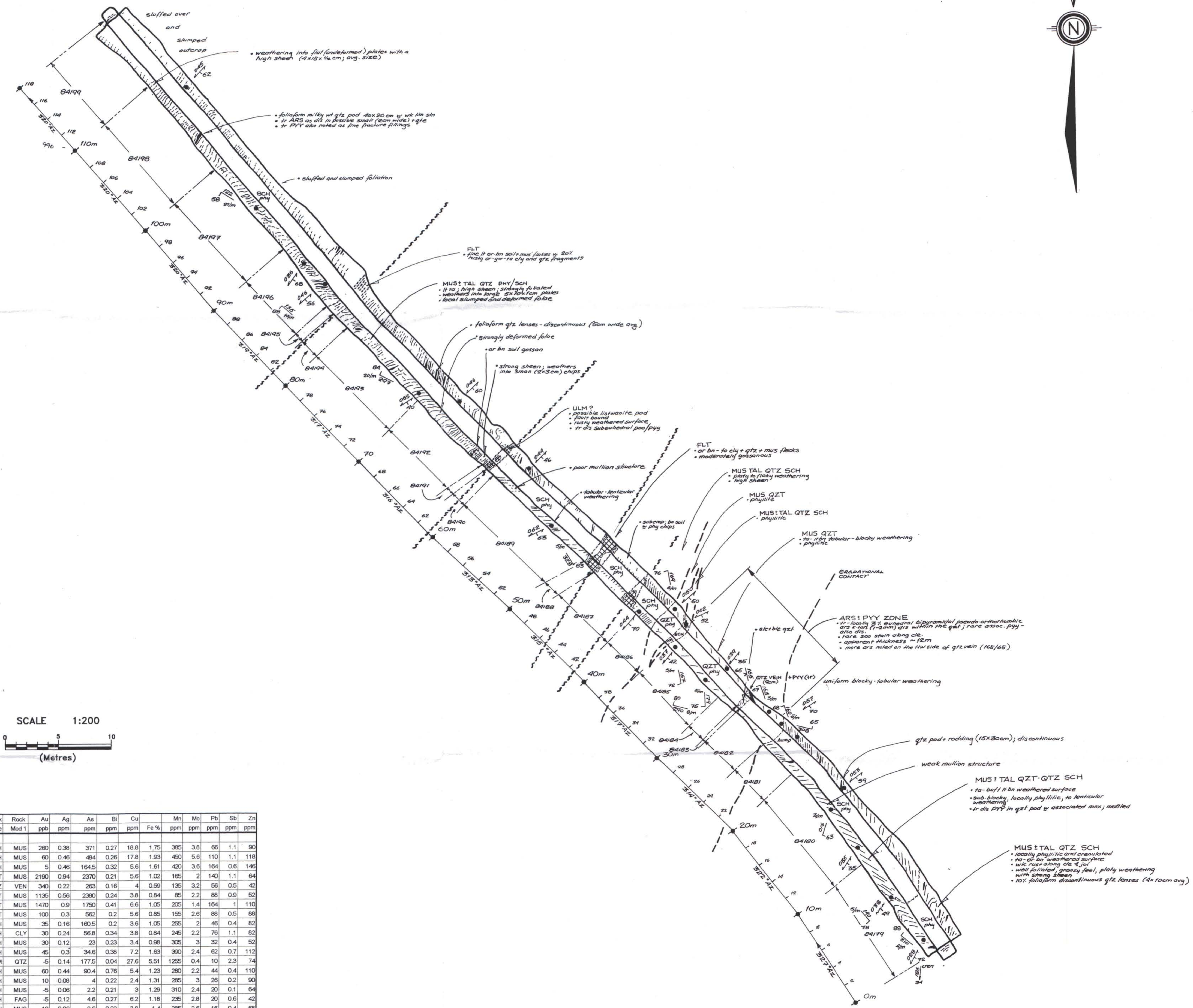
KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

SIXTY MILE GOLD PROJECT

TRENCH TR99-5

YUKON TERRITORY, CANADA

Date: 4/11/99	Geology by: R. Hulstein, R. Duncan	NTS: 116 C/2
Scale: 1:200	Drawn by: R. Zuran	Figure:



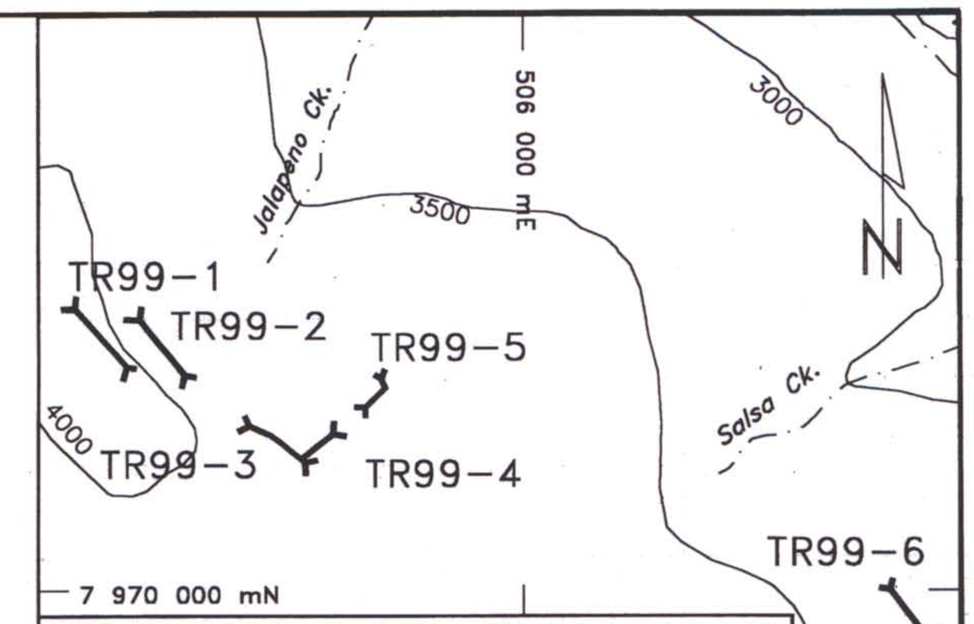
SCALE 1:200

0 5 10

(Metres)

Sample Number	From (m)	To (m)	Sample Width (m)	Rock Type	Rock Mod 1	Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm
VR84179A	0	10	10	SCH	MUS	260	0.38	371	0.27	18.8	1.75	385	3.8	66	1.1	90
VR84180A	10	20	10	SCH	MUS	60	0.46	484	0.26	17.8	1.93	450	5.6	110	1.1	118
VR84181A	20	24	4	SCH	MUS	5	0.46	164.5	0.32	5.6	1.61	420	3.6	164	0.6	146
VR84182A	24	28	4	QZT	MUS	2190	0.94	2370	0.21	5.6	1.02	165	2	140	1.1	64
VR84183A	28	28.3	0.3	QTZ	VEN	340	0.22	263	0.16	4	0.59	135	3.2	56	0.5	42
VR84184A	28.3	30	1.7	QZT	MUS	1135	0.56	2380	0.24	3.8	0.84	85	2.2	88	0.9	52
VR84185A	30	37	7	QZT	MUS	1470	0.9	1750	0.41	6.6	1.05	205	1.4	164	1	110
VR84186A	37	41	4	QZT	MUS	100	0.3	562	0.2	5.6	0.85	155	2.6	88	0.5	88
VR84187A	41	48	7	SCH	MUS	35	0.16	160.5	0.2	3.6	1.05	255	2	46	0.4	82
VR84188A	48	49.2	1.2	SCH	CLY	30	0.24	56.8	0.34	3.8	0.84	245	2.2	76	1.1	82
VR84189A	49.2	60	10.8	SCH	MUS	30	0.12	23	0.23	3.4	0.98	305	3	32	0.4	52
VR84190A	60	62.3	2.3	SCH	MUS	45	0.3	34.6	0.38	7.2	1.63	390	2.4	62	0.7	112
VR84191A	62.3	63	0.7	ULM	QTZ	-5	0.14	177.5	0.04	27.6	5.51	1255	0.4	10	2.3	74
VR84192A	63	70	7	SCH	MUS	60	0.44	90.4	0.76	5.4	1.23	280	2.2	44	0.4	110
VR84193A	70	80	10	SCH	MUS	10	0.08	4	0.22	2.4	1.31	285	3	26	0.2	90
VR84194A	80	82.2	2.2	SCH	MUS	-5	0.06	2.2	0.21	3	1.29	310	2.4	20	0.1	64
VR84195A	82.2	83	0.8	SCH	FAG	-5	0.12	4.6	0.27	6.2	1.18	235	2.8	20	0.6	42
VR84196A	83	90	7	SCH	MUS	10	0.06	2.6	0.22	3.8	1.4	285	2.6	16	0.4	68
VR84197A	90	100	10	SCH	MUS	-5	0.02	3.6	0.22	2.4	1.4	320	3	18	0.3	70
VR84198A	100	110	10	SCH	MUS	15	0.08	29.8	0.25	5.6	1.24	270	2.8	24	0.4	72
VR84199A	110	118	8	SCH	MUS	-5	0.04	13.2	0.19	6.4	1.13	250	2.6	16	0.4	36

Note: UTM's obtained with GPS ; ± 20m accuracy



TRENCH LOCATION MAP

LEGEND

STRUCTURAL SYMBOLS

Foliation: inclined

Joint: inclined, vertical

Fault or shear

Structural locator dot

GEOLOGICAL SYMBOLS

Quartz Vein

Folae (namely Phyllites)

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QTE or QZT	Quartzite	bio	Biotite	dis	Disseminated
SCH	Schist	chl	Chlorite	fol	Foliated
ULM	Ultramafic Rock	cly	Clay	flt	Fault
		gra	Graphite	lam	Laminated
dk	Dark	hem	Hematite	stk	Stockwork
lt	Light	jar	Jarisite	stn	Stain
		lim	Limonite	vug	vuggy
wk	Weak	mic	Mica		
tr	Trace	mnx	Manganese oxide		
		mus	Muscovite		
bn	Brown	poo	Pyrrhotite		
gy	Grey	pyy	Pyrite		
or	Orange	qtz	Quartz		
ta	Tan	sco	Scorodite		
wt	White	tal	Talc		
yw	Yellow				
		ble	Bleached		
qv	Quartz Vein	oxl	Oxidized		
sx	Sulphides	slc	Silicified		

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KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

SIXTY MILE GOLD PROJECT

TRENCH TR99-6

YUKON TERRITORY, CANADA

Date: 4/11/99	Geology by: R. Zuran	NTS: 116 C/2
Scale: 1:200	Drawn by: R. Zuran	Figure: