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KENNECOTT CANADA INC.

**1995 GEOLOGICAL, GEOCHEMICAL
ASSESSMENT REPORT**

**Kuyakuz Mountain Property
Project 50477**

AUTHOR **D.B. Fleming**

CLAIMS **Kuya 3-5**

WORK PERIOD **September 17 & 19, 1995**

COMMODITY **Au, Cu, Mo**

LOCATION

- Area **Interior Plateau, Central British Columbia**
- Coordinates **UTM Zone 10 5894000 N NAD 27
392000 E
Lat- Long 53 11' N
124 37' E**
- NTS **93 F/ 2E**
- Mining Division **Omineca**

FILMED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

OWNER **Kennecott Canada Inc.**

OPERATOR **Kennecott Canada Inc.**

24,325

KENNECOTT VANCOUVER OFFICE

February, 1996

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SUMMARY

This report documents a September, 1995 program of till sampling and limited geological mapping conducted on the west flank of Kuyakuz Mountain, located in the Nechako Ranges of the Interior Plateau, 102 kilometres south-southwest of Vanderhoof, British Columbia. The Kuya 3-5 claims (54 units subsequently reduced to 27) were staked November 27-29, 1994 by Kennecott Canada Inc.. The objective of the field program was to identify the source of gold in pan concentrate detected in the course of 1994 reconnaissance exploration. A coincident GSC airborne magnetic anomaly and elevated molybdenum and gold in RGS lake bottom sediments from Kuyakuz Lake, suggested an intrusive-related target.

The Interior Plateau is within the Intermontane geomorphological belt and in the south-central part of the Stikine Terrane. Regionally, the Kuyakuz property is situated within basement rocks of the Nechako Uplift, consisting of island arc-related felsic to mafic volcanics, volcanoclastics and tuffaceous sediments of the Lower to Middle Jurassic Hazelton Group and Middle Jurassic to Mid-Cretaceous clastic sediments of the Skeena Group. Intrusions of Middle Jurassic, Late Cretaceous and Eocene age are scattered throughout the uplift. Outliers of Eocene volcanic rocks and extensive glacial and glaciofluvial deposits locally cover lithologies of interest. The eastern half of the claims are underlain by quartz-feldspar crystal tuffs, lapilli tuffs and fine grained tuffaceous sediments of the Kuyakuz Mountain Assemblage, a recently defined subdivision of the Hazelton Group. These rocks have been pervasively hornfelsed and locally sulphidized by a northerly trending, composite granodiorite to quartz-diorite body exposed to the west. Three rock samples were taken in the course of limited geological mapping and prospecting, one returning weakly anomalous molybdenum (8 ppm) from sulphidized hornfels. No alteration or mineralization of significance was noted.

Basal till sampling was conducted in the central and eastern half of the property to test for the mechanical down-ice dispersion of mineralization from the glaciofluvial covered central and western part of the claim block. A total of ten samples were collected on roughly 500 by 600 metre centres. One sample is moderately anomalous in antimony (2.4 ppm) while two others were weakly elevated in arsenic (13.4 ppm) and copper (33.6 ppm).

CONCLUSIONS

The 1995 Kuyakuz field program has successfully defined a northerly trending contact between a composite granodiorite to quartz-diorite pluton of suspected Eocene age (Chutanli-type), and volcanoclastics of the Lower Jurassic Hazelton Group. Although the composite, multi-phase nature of the intrusion and pervasive hornfelsing and sulphidation of tuffaceous host rocks is considered positive for exploration potential, no mineralization of significance was located on or adjacent to the claims. Till sampling failed to detect the presence of mineralization under the cover of younger basalt and glaciofluvial cover to the west.

INTRODUCTION

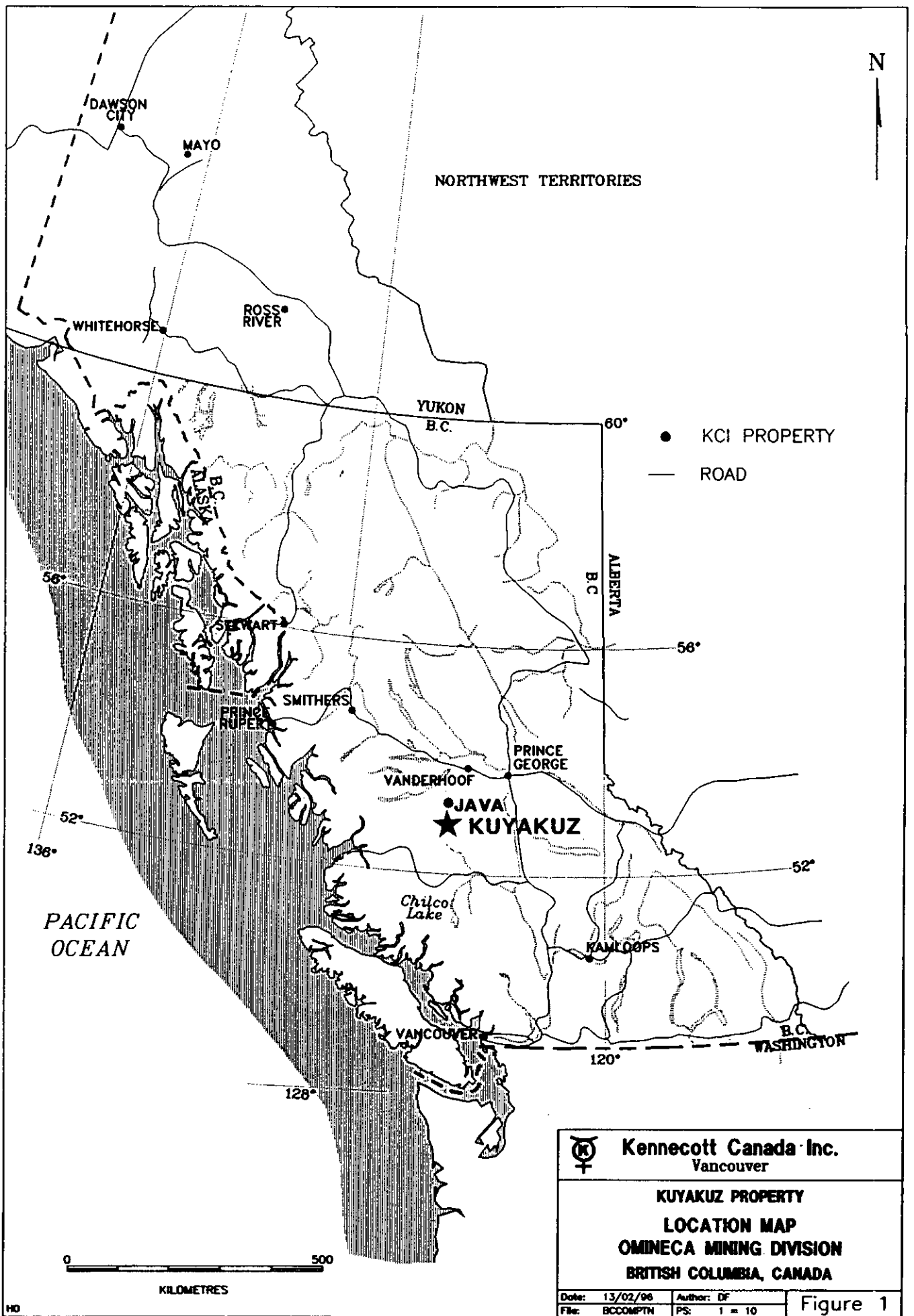
General Statement


This report documents the results of basal till sampling (Figure 3) and 1:10,000 scale geological mapping (Figure 3) with limited rock and stream sediment sampling conducted on September 17 and 19, 1995 at Kuyakuz Mountain (Kuya 3-5 claims) in the Interior Plateau of Central British Columbia. Pan concentrate, stream sediment and outcrop geologic data collected in the course of reconnaissance mineral exploration in 1994, prior to staking, has been incorporated. The objective of the program was to locate the source of gold in pan concentrate anomalies from middle and lower reaches of creeks draining the west flank of Kuyakuz Mountain. An outcrop of biotite monzonite located in 1994 and a coincident airborne magnetic high from November, 1994 GSC Open File 2785 suggested a porphyry or intrusion-related target. Anomalous gold and molybdenum in lake sediments from Kuyakuz Lake (BCGS Open File 1994-19) further supported the target.

Location, Access and Physiography

The Kuya claims are situated 102 kilometres south-southwest of Vanderhoof, B.C. (Figure 1), and were accessed on foot from the northern tip of Kuyakuz Lake. Kuyakuz Lake is road accessible via the Kluskus Main and Kluskus Blue Forest Service Roads south from Vanderhoof. A boat launch is situated at the B.C. Forest Service camp site on the southern shore of Kuyakuz Lake. A boat with a shallow draft and short shank motor is required to navigate the northern and western part of the lake. The historic Missou wagon trail provides access to the northern tip of the lake but is motor vehicle restricted.

The property lies within the southern limit of the Nechako Range in the west-central part of the Interior Plateau physiographic region of Central British Columbia. Elevations along the broad, glacially modified Fawnie and Nechako Ranges approach and locally exceed 6000 feet with large, open valleys draining north to elevations below 2800 feet at the Nechako Reservoir. The claims are situated on the gentle to moderate west dipping slope of Kuyakuz Mountain between 3600 and 5000 feet elevation. Vegetation consists of open to moderately dense lodgepole pine with some spruce and balsam fir. The open nature of the forest cover is believed to be a function of well drained glaciofluvial sands at lower elevations and perched glaciofluvial material at higher elevations.



 Kennecott Canada Inc. Vancouver	
KUYAKUZ PROPERTY LOCATION MAP OMINECA MINING DIVISION BRITISH COLUMBIA, CANADA	
Date: 13/02/96	Author: DF
File: BCCOMPTN	PS: 1 = 10
Figure 1	

HD

Claims

The Kuyakuz property consists of 27 units in three four-post claims staked November 27-29, 1994(Figure 2). The claims are located within NTS map sheet 93 F/2E. Relevant claims data is provided below.

Claim	Units	Mineral Tenure No.	Expiry Date*
Kuya 3	9	332919	November 29,1996
Kuya 4	9	332920	November 29,1996
Kuya 5	9	332921	November 29, 1996

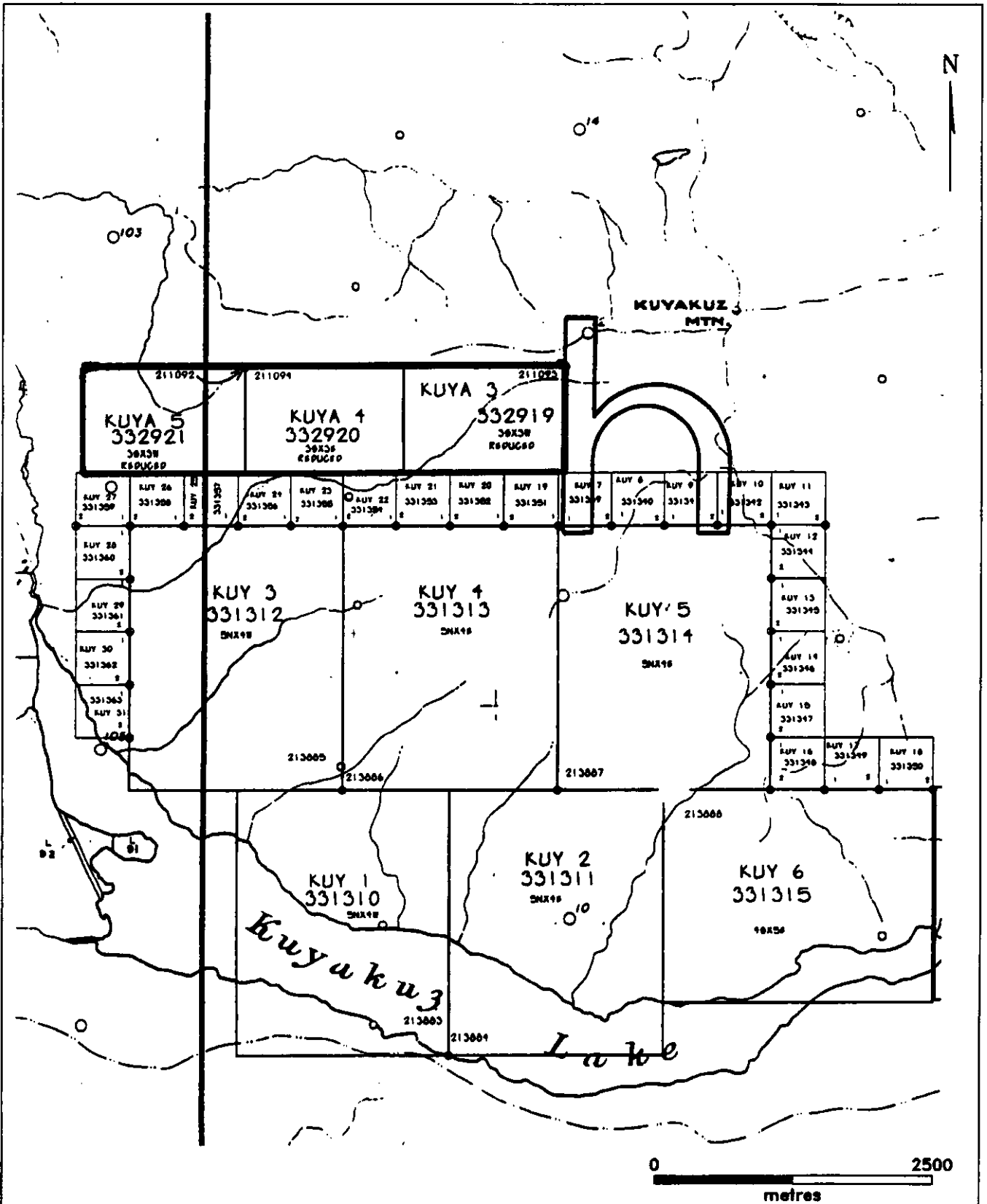
* expiry date upon acceptance of 1995 assessment work


1995 Program

Field work was conducted on September 17 and September 19,1995, by a crew of 4 geologists. The field crew worked from a base camp established at Tatelkuz Lake, located roughly 60 kilometres by road to the northwest. The program consisted primarily of basal till sampling at 500 metre intervals along lines 600 -700 metres apart. A total of 10 till samples were collected along chained lines oriented at 315 degrees azimuth, roughly perpendicular to glacial ice direction (051 degrees).

Limited outcrop sampling and geological mapping was conducted in the course of till sampling. One rock sample was collected on the property and two immediately north of the claim boundary. Although outcrop exposure is poor, the eastern contact of a northerly trending intrusive body was defined.

A single stream sediment sample was collected in the course of till sampling.



 Kennecott Canada Inc. Vancouver	
KUYAKUZ PROPERTY CLAIM MAP NTS 93 F/2E OMNECA MINING DIVISION BRITISH COLUMBIA, CANADA	
Date: 13/02/96	Author: DF
File: BCCLFRM	PS: 1=50,000
Figure 2	

REGIONAL GEOLOGY

The Kuyakuz Property is within Intermontane Belt rocks in the south-central part of the Stikine Terrane, the largest crustal block within the Canadian Cordillera. Stikine Terrane rocks in the central Interior Plateau can be divided into four tectono-stratigraphic elements: 1) Upper Triassic to Middle Jurassic volcanic island arc assemblage rocks, 2) Middle Jurassic to Mid-Cretaceous molasse assemblage, 3) Late Cretaceous and Eocene continental arc volcanics, and 4) plateau basalt volcanism from late Eocene to Recent.

Intrusive rocks in the Interior Plateau include Mid-Jurassic augite porphyries, gabbros and diorites, Lower Cretaceous porphyritic diorite, late Cretaceous (?) quartz monzonite of the Capoose Batholith and Eocene age granite to granodiorite of the Chutanli pluton affinity.

Regional geologic mapping was conducted in 1949-1953 by H.W. Tipper and published as GSC Map 1131A covering the Nechako River map sheet (NTS 93F). Recent 1:50,000 geological mapping by the BCGS (Open File 1995-16), under the direction of L.J. Diakow, has determined Middle to Lower Jurassic Hazelton Group to be divisible into a lower felsic eruptive sequence and upper augite porphyritic submarine flows and interflow sediments. In the Lower Jurassic, the volcanic arc is interpreted to have been emergent to the west in the Fawnie Ranges and more distal marine to the east in the Nechako Ranges.

PROPERTY GEOLOGY

General Statement

Outcrop exposure on the property is extremely poor and restricted to the central Kuya 4 claim area (Figure 3). Bedrock geological interpretation is aided by 1:50,000 scale outcrop mapping north and east of the property, conducted in the course of 1994 Kennecott reconnaissance exploration and recent BCGS mapping. The property is underlain by felsic tuffs and tuffaceous sediments of presumed Lower Jurassic age, intruded by a northerly trending, composite granodiorite to quartz-diorite body to the west. Composition and airborne magnetic signature suggest the pluton is a Chutanli type intrusion, which is exposed 15 kilometres to the north and recently dated at 49 ma. All lithologies on the property have been hornfelsed and variably sulphidized with disseminated pyrite and pyrrhotite. Intrusive rocks are fresh and appear unaltered. Post intrusive vesicular basalt and Quaternary glaciofluvial outwash obscure the western half of the property.

Lithologies (Figure 3)

NRat Andesite Tuff

This unit is exposed east of the claim boundary and consists of fine to medium grained, light to mid green andesite tuff. This unit may be, in part, epiclastic. Sub-angular lapilli (?) fragments are visible on weathered surfaces but strong northerly trending foliation and pervasive induration due to hornfelsing has obscured textures. Vague feldspar and locally dark mafic crystals are characteristic.

Nrvs Felsic Tuff, Sediments

Interbedded dark grey shale, conglomerate and feldspar-quartz rich crystal tuff and lithic tuff are characteristic lithologies for this unit. Angular, light coloured felsic fragments were noted locally within crowded crystal tuff. Wispy banding in the shale suggests a tuffaceous component. Proximity to the intrusion has resulted in a strong, pervasive hornfelsing and sulphidation of these rocks.

MPCv Basalt

A single subcrop of vesicular, olivine bearing basalt was mapped immediately south of the Kuya 4 claim. It is light brown to green, fined grained and unaltered. The basalt is in juxtaposition with hornfelsed shale subcrop and is interpreted to overly the shale and perhaps the intrusive contact at this locality.

Tg Intrusive Rocks

A variety of fine to coarse grained intrusive rocks were mapped as isolated outcrops that regional airborne magnetics suggest to be compositional and textural variations of a single intrusive complex. All intrusives mapped appear unaltered. Outcrops of quartz diorite and feldspar-biotite porphyry are massive and blocky with 5-10 % groundmass quartz and accessory hornblende. The porphyry has a crowded texture with feldspar phenocrysts to 6mm. Pyrite occurs in trace amounts as clots with biotite and magnetite. Fine to medium grained, equigranular biotite granodiorite has a salt and pepper texture with abundant groundmass quartz. The most felsic end member is a fine grained to aphanitic quartz porphyry in subcrop immediately north of the northern claim boundary. Phenocrysts up to 3mm are sparsely disseminated up to 5% in a buff groundmass of quartz and feldspar. This exposure is east of the intrusive contact and most probably a dike. Other dikes include medium grained hornblende-feldspar-biotite porphyry, observed in outcrop striking 290 degrees azimuth, with up to 5% quartz in the groundmass.

Lkd Diorite

This intrusive is scattered regionally along the Nechako Ranges. Several outcrops mapped in 1994, in the southeast corner of the map area are light green, blocky, medium to coarse grained, equigranular diorite. White to greenish feldspar, hornblende and chlorite are distinctive.

Alteration

The most significant alteration observed on the property consists of recrystallization and sulphidation associated with hornfelsing adjacent to the intrusion. All lithologies are indurated and dark brown to weakly maroon in colour, indicating the presence of finely disseminated biotite. The more felsic rock types approach a brown-orange colour. Disseminated pyrite and lesser pyrrhotite are ubiquitous, varying from trace amounts in the felsic tuffs to 2% in hornfelsed shale. Locally, felsic clasts in the lithic tuffs are replaced, in part, by clots of pyrrhotite.

SURFICIAL GEOLOGY

The oldest surficial deposits in the map area is Quaternary clay rich basal till that covers most of the eastern portion of the claims i.e. elevations above 3900 feet. This material is relatively compact, fissile and contains locally derived clasts that often display flattening and elongation. Till covers the west side of Kuyakuz Mountain as an extensive but locally thin blanket. Colluviated basal till was encountered in the course of till sampling and consists of a mix of rock talus fragments and disrupted clay rich basal till. Basal deposits are locally derived and are most desirable for geochemical sampling.

Elevations below 3900 feet are covered by glaciofluvial outwash deposits of sand and gravel. A major glaciofluvial channel may have existed in the Kuyakuz Lake-Chedakuz Valley drainage basin. A perched fluvial bench was encountered at 4500 feet in elevation, central to the Kuya 5 claim, in the course of till sampling. Sand and gravel deposits here are likely deposited as kame terraces along the range front.

GEOCHEMISTRY

General Statement

Due to glaciofluvial cover on the western portion of the property, basal till sampling was selected as a geochemical exploration method over conventional soil sampling. The objective was to sample C horizon till for mechanical down-ice dispersion of bedrock mineralization. A total of 10 samples of till were collected at roughly 500 metre spacing, along chain and compass lines 600-700 metres apart (Figure 3). Lines were oriented NW-SE, roughly perpendicular to ice direction.

Methods

Till sample pits were hand dug with short-handled shovels and tree planter spades to depths ranging from 0.6 to 1.1 metres. The material collected was, ideally, from the compacted, fissile, clay-rich portion of the till. Samples locally consisted of disturbed, colluviated till and talus, as well as silty-sandy till, reworked by glaciofluvial processes. Sample characteristics were noted (see table below). The somewhat sporadic distribution of sample sites is due to the inability to collect basal till in areas underlain by glaciofluvial sand and gravel with thicknesses beyond reach of a shovel (1.2 metres). Roughly three kilograms of till was collected from the bottom of each pit and placed in a 12" by 20" plastic bag for shipment to Chemex Labs, North Vancouver, B.C., for geochemical analysis. Samples were dry sieved to -150 mesh (105 microns). A 30 gram split was fire assayed for Au, 0.5 grams for 24 element ICP-AES (Al, Ba, Be, Bi, Ca, Cd, Cr, Co, Cu, Fe, Pb, Mg, Mo, Ni, P, K, Ag, Sr, Ti, W, V, Zn) and 2.0 grams for organic extraction ICP ultra trace method for Sb, As, Bi, Cd, Cu, Pb, Mo, Ag, Zn. Mercury was treated separately by cold vapour AA on a 1.0 gram sample.

Rock outcrop grab samples were collected from sulphidized hornfels exposure mapped in the course of till sampling and geological mapping. Random chips were placed in 7" by 11"

cloth bags, for a total weight of roughly 1.5 kilograms, and shipped to Chemex Labs for analyses. Each sample was crushed to 60% -10 mesh and pulverized, with a 30 gram split fire assayed for Au and 1.0 grams analyzed by 32-element ICP-AES (Al,Ag,As,Ba, Be,Bi,Ca,Cd,Co,Cr,Cu, Fe,Ga,K,La,Mg,Mn,Mo,Na,Ni,P,Pb,Sb,Sc,Sr,Ti,Th,U,V,W,Zn,Hg). Mercury was analyzed by cold vapour AA.

A single stream sediment sample was collected. The sample was placed in a 4" by 6" kraft paper sample bag and shipped to Chemex. The sample was dried and sieved to -80 mesh with a 30 gram split fire assayed for Au and 1.0 grams analyzed by 32-element ICP-AES.

The analytical procedures for all of the above mentioned methods are included with the sample results in Appendix III.

Results

Till sample characteristics are listed below:

Sample #	Depth metres	Clay Content	Moisture	Density	Avg. Clast Size cm.	Comments
VR12976	1.1	moderate	wet	low	3	poor site
VR12977	1.0	low	dry	low	25	poor site
VR12978	1.2	high	moist	moderate	4	moderate
VR12979	1.0	moderate	moist	moderate	5	moderate
VR32930	0.5	high	moist	high	8	good site
VR32931	0.6	moderate	dry	moderate	6	colluviated
VR32932	1.0	high	dry	high	8	good site
VR32933	0.9	high	wet	high	5	fluvial
VR32934	0.8	high	dry	high	4	good site
VR32935	1.0	high	dry	high	3	good site

Anomalous till geochemistry has been determined by inspection of Kuyakuz and Kennebec regional till data in the Nechako Uplift. Geochemical thresholds for UT 10 ICP data for elements of interest are: Cu-35 ppm, Mo-1.0 ppm, As-15.0 ppm, Sb-0.2 ppm. Results for these elements are plotted on Figure 3 and sample results for all elements are included in Appendix III.

The only strongly anomalous sample is VR32933A which returned 2.4 ppm Sb. Sample VR32931A is elevated in As (13.4 ppm) and VR32930A is weakly anomalous in Cu and Mo (33.6 and 1.0 ppm respectively).

Rock sample data is presented below and plotted on Figure 3:

Sample #	Type	Description	Analytical Results				
			Au(ppb)	As(ppm)	Sb(ppm)	Cu(ppm)	Mo(ppm)
VR32480	grab	fine gr. Pyritic (2%) hornfels tuff	>5	12	2	4	<1
VR32481	grab	pyritic (2%), brown hornfels lapilli tuff	>5	2	<2	22	8
VR32482	grab	pyritic (1%) hornfels shale and lapilli tuff	>5	2	<2	21	<1

Sample VR32481A is the only anomalous rock sample returning 8 ppm molybdenum.

In the course of 1994 regional exploration, anomalous gold in pan concentrate was returned from the middle and lower parts of the creek central to the property. A single stream sediment sample was collected from the creek in 1995. This sample returned low geochemical values in all elements of significance.

REFERENCES

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- Cook, S.J. and Jackaman, W. (1993) : Regional Lake Sediment and Water Geochemistry of Part of the Nechako River Map Area (93F/02,03,06,11,12,13,14) ; British Columbia Geological Survey Branch Open File 1994-19.
- Diakow, L.J. and Webster, I.C.L. (1993) : Geology of the Fawnie Creek Map Area (93F/03) in Geological Fieldwork 1993; British Columbia Geological Survey Branch Open Paper 1994-1 , p. 15-26.
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- Diakow, L.J., Webster, I.C.L., Whittles, J.A., Richards, T.A., Levson, V.M., and Giles, T.R. (1995) : Bedrock and Surficial Geology of the Tsacha Lake Map Area - NTS 93F/2; British Columbia Geological Survey Branch Open File 1995-16.
- Levson, V.M., Giles, T.R., Cook, S.J. and Jackaman W.(1993) : Till Geochemistry of the Fawnie Creek Map Area (93F/03) ; British Columbia Geological Survey Branch Open File 1994-18.
- Tipper, H.W. (1963) : Nechako River Map-Area, British Columbia; Geological Survey of Canada Memoir 324.

APPENDIX I


STATEMENT OF QUALIFICATIONS

Statement of Qualifications

I, DAVID B. FLEMING, of 5435 Paton Drive, Ladner in the Province of British Columbia, DO HEREBY CERTIFY:

1. That I am a Project Geologist employed by Kennecott Canada Inc. with offices at Suite 354 - 200 Granville Street, Vancouver, British Columbia.
2. That I am a graduate of the University of British Columbia with a Bachelors Degree in Geological Sciences (1979).
3. That I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia.
4. That this report is based on fieldwork carried out by myself and field crews of Kennecott Canada Inc., under my supervision.

Dated at Vancouver, British Columbia, this 22 day of February, 1996.


David B. Fleming, P. Geo



APPENDIX II

STATEMENT OF COSTS

Statement of Costs

For field work on the Kuya 3-5 claims in the period September 17 and 19, 1995.

Salaries

- D. Fleming : Project Geologist - 8 man days total
- A. Davies : Geologist
- D. Green : Geologist
- J. Whittles : Geologist

1590.00

Room and Board - 8 man days @ 50.00

400.00

Truck Rental - 2 days @ 65.00

130.00

Boat Rental - 2 days @ 50.00

100.00

Geochemical Analyses - 10 till samples @ 31.54

315.40

Materials and Supplies

150.00

Report Preparation

197.42

TOTAL

\$ 2872.82

APPENDIX III

ANALYTICAL PROCEDURES AND CERTIFICATES OF ANALYSES



Ring Grinding

Chemex Code: 208 Assay samples

A crushed sample split is ground using a ring mill pulverizer with a chrome steel ring set. The Chemex specification for this procedure is that greater than 90% of the ground material passes a 150 mesh screen. Grinding with chrome steel will impart trace amounts of iron and chromium to a sample.

Crushing

The entire sample is passed through TM Rhino crusher to yield a crushed product where greater than 60% of the sample passes a -10 mesh screen. A split in the range of 200-250g (weight depends on parameters requested) is then taken using a stainless steel Jones riffle splitter.

Different crushing codes are used depending on the weight of the original sample:

Chemex Code	Sample Weight
226	0 - 6 lbs (Small rock chip samples packed in porous bags only)
294	7 - 15 lbs
276	16 - 25 lbs
273	26 - 40 lbs
270	41 - 60 lbs



Gold

Fire Assay Collection/ Atomic Absorption Spectroscopy (FA-AA)

Chemex Code: 983

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

These beads are digested for 30 mins in 0.5ml diluted 75% nitric acid, then 1.5ml of concentrated hydrochloric acid are added and the mixture is digested for 1 hr. The samples are cooled, diluted to a final volume of 5ml, homogenized and analyzed by atomic absorption spectroscopy.

Detection limit: 5 ppb

Upper Limit: 10,000 ppb

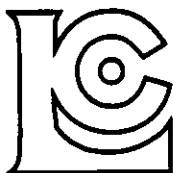
Chemex Code: 998 (oz/T)

Gold analyses are done by standard fire assay techniques. A prepared sample (1 assay ton (29.166 grams)) is fused with a neutral flux inquarted with 5 mg of Au-free silver and then cupelled. Silver beads for AA finish are digested for 1/2 hour in 1 ml diluted 75% nitric acid, then 3 ml of hydrochloric is added and digested for 1 hour. The samples are cooled and made to a volume of 10 ml, homogenized and analyzed by atomic absorption spectroscopy.

Any samples which assay over 0.4 oz/T (13.6 g/t) are automatically re-fire assayed using gravimetric finish. The gravimetrically determined gold content is substituted into the certificate of analysis.

Detection Limit: 0.001 oz/T

Upper Limit: 20 oz/T



32-Element Geochemistry Package (32-ICP)
Inductively-Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES)

A prepared sample (1.0g) is digested with concentrated nitric and aqua regia acids at medium heat for two hours. The acid solution is diluted to 25ml with demineralized water, mixed and analyzed using a Jarrell Ash 1100 plasma spectrometer after calibration with proper standards. The analytical results are corrected for spectral inter-element interferences.

Chemex Codes	Element	Detection Limit	Upper Limit
229	Digestion		
2119	• Aluminum	0.01 %	15 %
2118	Silver	0.2 ppm	0.02 %
2120	Arsenic	2 ppm	1 %
2121	• Barium	10 ppm	1 %
2122	• Beryllium	0.5 ppm	0.01 %
2123	Bismuth	2 ppm	1 %
2124	* Calcium	0.01 %	15 %
2125	Cadmium	0.5 ppm	0.05 %
2126	Cobalt	1 ppm	1 %
2127	• Chromium	1 ppm	1 %
2128	Copper	1 ppm	1 %
2150	Iron	0.01 %	15 %
2130	* Gallium	10 ppm	1 %
2132	• Potassium	0.01 %	10 %
2151	* Lanthanum	10 ppm	1 %
2134	• Magnesium	0.01 %	15 %
2135	Manganese	5 ppm	1 %
2136	Molybdenum	1 ppm	1 %
2137	• Sodium	0.01 %	10 %
2138	Nickel	1 ppm	1 %
2139	Phosphorus	10 ppm	1 %
2140	Lead	2 ppm	1 %
2141	Antimony	2 ppm	1 %
2142	• Scandium	1 ppm	1 %
2143	* Strontium	1 ppm	1 %
2144	* Titanium	0.01 %	10 %
2145	• Thallium	10 ppm	1 %
2146	Uranium	10 ppm	1 %
2147	Vanadium	1 ppm	1 %
2148	• Tungsten	10 ppm	1 %
2149	Zinc	2 ppm	1 %
2131	Mercury	1 ppm	1 %

* Elements for which the digestion is possibly incomplete.



Ultra-Trace-10 (UT10)

The UT10 package combines results from two trace element procedures. Organic extraction followed by inductively coupled plasma spectroscopy is used to determine Ag, As, Bi, Cd, Cu, Mo, Pb, Sb, and Zn. Mercury is done separately by cold vapor AA to provide the lowest detection limit for this element.

Organic Extraction - Inductively-Coupled Plasma Spectroscopy

A prepared sample (2.00g) is digested with concentrated hydrochloric acid and potassium chlorate at low heat. The resulting solution is reduced to eliminate iron interference and trace elements are extracted with trioctyl-phosphine oxide into an organic solvent. The extract is then analyzed by inductively-coupled plasma spectroscopy.

This multi-element extraction is suitable for the analysis of soils, stream and lake sediments and other material which is not highly mineralized. If any element's upper limit is exceeded, the extraction capacity is exceeded and all elements for that particular sample will have to be reported as mineralized.

Chemex Codes	Element	Detection Limit	Upper Limit
1089	Antimony	0.2 ppm	0.1%
1092	Arsenic	0.2 ppm	0.5%
1094	Bismuth	0.2 ppm	0.5%
1095	Cadmium	0.1 ppm	0.01%
1097	Copper	0.2 ppm	0.5%
1933	Lead	0.5 ppm	0.5%
1939	Molybdenum	0.2 ppm	0.5%
1941	Silver	0.02 ppm	0.02%
1946	Zinc	1 ppm	0.5%

Mercury

Atomic Absorption Spectroscopy

Chemex Code: 20

A prepared sample (1.00g) is digested with concentrated nitric-aqua regia acid for two hours. The digested solution is diluted to volume and homogenized. An aliquot of the solution is transferred to a reaction flask connected to an absorption cell. Stannous chloride is added to reduce the mercury which is then measured by cold vapour atomic absorption spectroscopy.

Detection Limit: 10 ppb

Upper Limit: 0.01%



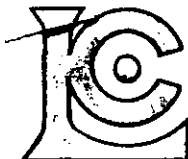
24-Element Geochemistry Package (24-ICP)

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

The 24 element rock geochemistry package provides quantitative analysis of all major elements (except silicon) as well as most important trace elements.

A prepared sample (0.50g) is digested with perchloric, nitric and hydrofluoric acids to dryness. The residue is taken up in a volume of 25ml of 10% hydrochloric acid and the resulting solution is analyzed by inductively-coupled plasma atomic emission spectroscopy. Results are corrected for spectral interelement interferences.

Chemex Code	Element	Detection Limit	Upper Limit
573	Aluminum	0.01 %	15 %
565	Barium	10 ppm	1 %
575	Beryllium	0.5 ppm	0.01 %
561	Bismuth	2 ppm	1 %
576	Calcium	0.01 %	25 %
562	Cadmium	0.5 ppm	0.05 %
569	Chromium	1 ppm	1 %
563	Cobalt	1 ppm	1 %
577	Copper	1 ppm	1 %
566	Iron	0.01 %	15 %
560	Lead	2 ppm	1 %
570	Magnesium	0.01 %	15 %
568	Manganese	5 ppm	1 %
554	Molybdenum	1 ppm	1 %
564	Nickel	1 ppm	1 %
559	Phosphorus	10 ppm	1 %
584	Potassium	0.01 %	10 %
578	Silver	0.5 ppm	0.02 %
583	Sodium	0.01 %	10 %
582	Strontium	1 ppm	1 %
579	Titanium	0.01 %	10 %
556	Tungsten	10 ppm	1 %
572	Vanadium	1 ppm	1 %
558	Zinc	2 ppm	1 %



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.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

RECEIVED OCT 11 1995

A9529435

Comments: ATTN: DAVE FLEMING CC: ERIC FINLAYSON

CERTIFICATE

A9529435

(KAVC) - KENNECOTT CANADA, INC.

Project: 50-477
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 5-OCT-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	6	Dry, sieve to -80 mesh
202	6	save reject
229	6	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
983	6	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	6	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	6	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	6	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	6	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	6	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	6	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	6	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	6	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	6	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	6	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	6	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	6	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	6	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	6	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	6	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	6	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	6	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	6	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	6	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	6	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	6	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	6	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	6	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	6	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	6	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	6	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	6	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	6	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	6	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	6	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	6	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	6	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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354 - 200 GRANVILLE ST.
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Page Number : 1
Total Pages : 1
Certificate Date: 05-OCT-95
Invoice No. : 19529435
P.O. Number :
Account : KAVC

Project : 50-477
Comments: ATTN: DAVE FLEMING CC: ERIC FINLAYSON

CERTIFICATE OF ANALYSIS A9529435

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	
	FA+AA		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%	ppm	
VR21074A	201	202																				
VR21075A	201	202																				
VR21076A	201	202	< 5	< 0.2	2.20	12	150	0.5	2	1.15	< 0.5	12	39	26	3.72	< 10	70	0.07	10	0.55	1355	
VR21362A	201	202																				
VR21363A	201	202																				
VR21153A	201	202																				

CERTIFICATION: *[Signature]*



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To: ANCENNECOTT CANADA, INC.

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V6C 1S4

Project: 50-477
Comments: ATTN: DAVE FLEMING CC: ERIC FINLAYSON

Page Number: 520
Total Pages: 1
Certificate Date: 05-OCT-95
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CERTIFICATE OF ANALYSIS A9529435

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
VR21074A	201	202														
VR21075A	201	202														
VR21076A	201	202	1	0.01	24	1170	12	< 2	6	70	0.18	< 10	< 10	82	< 10	30
VR21362A	201	202														
VR21363A	201	202														
VR21153A	201	202														

CERTIFICATION: *Y. Kai B. Ma*



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A95294

Comments: ATTN: DAVE FLEMING CC: ERIC FINLAYSON

CERTIFICATE

A9529436

(KAVC) - KENNECOTT CANADA, INC.

Project: 50-477
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 5-OCT-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	28	Geochem ring to approx 150 mesh
226	28	0-3 Kg crush and split
3202	28	Rock - save entire reject
229	28	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
983	28	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	28	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	28	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	28	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	28	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	28	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	28	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	28	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	28	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	28	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	28	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	28	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	28	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	28	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	28	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	28	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	28	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	28	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	28	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	28	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	28	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	28	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	28	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	28	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	28	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	28	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	28	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	28	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	28	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	28	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	28	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	28	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	28	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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To: TENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
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Page Number : A
Total Pages : 1
Certificate Date: 05-OCT-95
Invoice No. : 19529436
P.O. Number :
Account : KAVC

Project : 50-477
Comments: ATTN: DAVE FLEMING CC: ERIC FINLAYSON

CERTIFICATE OF ANALYSIS A9529436

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
--------	-----------	-----------------	-----------	---------	-----------	-----------	-----------	-----------	---------	-----------	-----------	-----------	-----------	---------	-----------	-----------	--------	-----------	---------	-----------

VR32480A	205	226	< 5	< 0.2	1.23	12	240	< 0.5	2	0.36	< 0.5	2	83	4	2.31	< 10	70	0.51	< 10	0.71	260
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CERTIFICATION:

Phai D'Kha



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Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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To: ENNECOTT CANADA, INC.

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VANCOUVER, BC
V6C 1S4

Project : 50-477
Comments: ATTN: DAVE FLEMING CC: ERIC FINLAYSON

Page Number : 3
Total Pages : 1
Certificate Date: 05-OCT-95
Invoice No. : 19529436
P.O. Number :
Account : KAVC

CERTIFICATE OF ANALYSIS

A9529436

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR32478A	205 226														
VR32479A	205 226														
VR32480A	205 226	< 1	0.10	1	700	4	2	7	25	0.18	< 10	< 10	24	< 10	46

CERTIFICATION: *Wai D Ma*



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 PHONE: 604-984-0221 FAX: 604-984-0218

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A9529976

Comments: ATTN: DAVE FLEMMING/ANDREW DAVIES CC: ERIC FINLAYSON

CERTIFICATE

A9529976

(KAVC) - KENNECOTT CANADA, INC.

Project: 05-477
 P.O.#:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 18-OCT-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	44	Geochem ring to approx 150 mesh
226	44	0-3 Kg crush and split
3202	44	Rock - save entire reject
229	44	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
983	44	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	44	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	44	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	44	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	44	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	44	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	44	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	44	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	44	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	44	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	44	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	44	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	44	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	44	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	44	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	44	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	44	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	44	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	44	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	44	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	44	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	44	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	44	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	44	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	44	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	44	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	44	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	44	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	44	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	44	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	44	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	44	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	44	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
306	9	Mo %: Aqua-Regia digestion	AAS	0.001	100.00



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Analytical Chemists * Geochemists * Registered Assayers

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To: ENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project: 05-477
Comments: ATTN: DAVE FLEMMING/ANDREW DAVIES CC: ERIC FINLAYSON

Page Number : 1A
Total Pages : 2
Certificate Date: 18-OCT-95
Invoice No. : 19529976
P.O. Number :
Account : KAVC

CERTIFICATE OF ANALYSIS A9529976

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
VR32481A	205 226	< 5	< 0.2	1.30	2	100	< 0.5	< 2	1.35	< 0.5	11	53	22	3.56	< 10	< 10	0.42	< 10	0.70	445
VR32482A	205 226	< 5	< 0.2	1.76	2	80	< 0.5	< 2	1.42	< 0.5	10	106	21	2.90	< 10	< 10	0.53	< 10	0.94	820

CERTIFICATION:



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Analytical Chemists * Geochemists * Registered Assayers

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Project : 05-477

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Page Number : 1
Total Pages : 2
Certificate Date: 18-OCT-95
Invoice No. : 19529976
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CERTIFICATE OF ANALYSIS

A9529976

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Mo %
VR32481A	205 226	8	0.14	5	890	2	< 2	7	44	0.23	< 10	< 10	52	< 10	62	-----
VR32482A	205 226	< 1	0.13	8	480	2	< 2	7	25	0.20	< 10	< 10	73	< 10	58	-----



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A9529438

Comments: ATTN: DAVE FLEMING CC: ERIC FINLAYSON

CERTIFICATE

A9529438

(KAVC) - KENNECOTT CANADA, INC.

Project: 50-477
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 3-OCT-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	7	Dry, sieve to -80 mesh
202	7	save reject
220	7	Transferring charge
222	7	Drying charge (0-3 Kg)
285	7	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	7	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	7	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	7	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	7	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	7	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	7	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	7	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	7	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	7	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	7	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	7	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	7	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	7	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	7	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	7	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	7	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	7	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	7	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	7	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	7	Pb ppm: 24 element, rock & core	AAS	2	10000
582	7	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	7	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	7	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	7	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	7	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: MINECOTT CANADA, INC.
 354 - 200 GRANVILLE ST.
 VANCOUVER, BC
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Total Pages: 1
 Invoice No.: 19529438
 P.O. Number:
 Account: KAVC

Project: 50-477
 Comments: ATTN: DAVE FLEMING CC: ERIC FINLAYSON

CERTIFICATE OF ANALYSIS A9529438

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
VR12975A	201 202	10	< 0.2	7.11	600	0.5	< 2	1.62	< 0.5	13	61	24	4.12	1.67	0.66
VR12976A	201 202	< 5	< 0.2	6.95	610	< 0.5	< 2	1.88	< 0.5	16	77	21	4.46	1.59	0.96
VR12977A	201 202	< 5	< 0.2	7.46	660	< 0.5	< 2	1.83	< 0.5	16	62	29	4.62	1.48	1.01
VR32930A	201 202	< 5	< 0.2	7.07	540	< 0.5	< 2	2.04	< 0.5	17	78	37	4.85	1.39	1.16
VR32931A	201 202	< 5	< 0.2	7.14	600	< 0.5	< 2	1.85	< 0.5	16	62	27	4.65	1.51	1.09
VR32932A	201 202	< 5	< 0.2	7.31	660	0.5	< 2	1.60	< 0.5	13	60	27	4.27	1.67	0.86
VR32933A	201 202	< 5	< 0.2	7.28	600	0.5	< 2	1.93	< 0.5	15	70	29	4.69	1.55	0.97

CERTIFICATION: Handwritten Signature

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brookbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: ENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
 VANCOUVER, BC
 V6C 1S4

Project: 50-477
 Comments: ATTN: DAVE FLEMING CC: ERIC FINLAYSON

Page No. :
 Total Pages : 1
 Certificate Date: 03-OCT-95
 Invoice No. : I9529438
 P.O. Number :
 Account : KAVC

CERTIFICATE OF ANALYSIS A9529438

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
VR12975A	201 202	660	1	2.06	18	980	10	297	0.72	110	< 10	90			
VR12976A	201 202	785	1	2.14	27	1030	8	313	0.82	132	< 10	74			
VR12977A	201 202	730	< 1	2.20	28	810	10	315	0.74	115	< 10	78			
VR32930A	201 202	735	3	1.88	32	820	8	292	0.71	118	< 10	76			
VR32931A	201 202	800	< 1	2.12	29	880	6	308	0.77	121	< 10	76			
VR32932A	201 202	615	< 1	2.21	21	800	10	304	0.75	121	< 10	70			
VR32933A	201 202	680	< 1	2.08	30	1120	12	325	0.81	124	< 10	86			

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.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Page Number : 1
Total Pages : 1
Certificate Date: 09-OCT-95
Invoice No : 19529439
P.O. Number :
Account : KAVC

Project : 50-477
Comments: ATTN: DAVE FLEMING CC. ERIC FINLAYSON

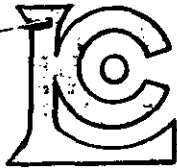
RECEIVED OCT 13 1995

CERTIFICATE OF ANALYSIS A9529439

SAMPLE	PREP CODE	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
VR12975A	2993296	0.04	5.8	0.2	< 0.1	17.9	20	0.6	9.0	< 0.2	83
VR12976A	2993296	< 0.02	3.2	< 0.2	< 0.1	15.4	10	0.6	6.5	< 0.2	69
VR12977A	2993296	0.04	6.4	0.2	< 0.1	21.0	20	1.0	8.0	< 0.2	77
VR32930A	2993296	0.04	7.0	0.2	< 0.1	33.6	30	1.0	7.0	< 0.2	80
VR32931A	2993296	0.02	13.4	0.2	< 0.1	21.0	20	0.8	7.0	< 0.2	76
VR32932A	2993296	0.02	6.8	0.2	< 0.1	20.0	40	0.6	6.5	< 0.2	64
VR32933A	2993296	0.02	6.8	0.2	< 0.1	25.8	30	0.6	6.0	2.4	80

FILE 10

CERTIFICATION: 



Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: KENNECOTT CANADA, INC.

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VANCOUVER, BC
V6C 1S4

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A9529974

Comments: ATTN: DAVE FLEMMING/ANDREW DAVIES CC: ERIC FINLAYSON

CERTIFICATE

A9529974

(KAVC) - KENNECOTT CANADA, INC.

Project: 05-477
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-OCT-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	4	Dry, sieve to -80 mesh save reject ICP - HF digestion charge
202	4	
285	4	

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	4	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	4	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	4	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	4	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	4	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	4	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	4	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	4	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	4	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	4	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	4	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	4	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	4	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	4	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	4	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	4	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	4	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	4	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	4	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	4	Pb ppm: 24 element, rock & core	AAS	2	10000
582	4	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	4	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	4	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	4	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	4	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



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: INNOCOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

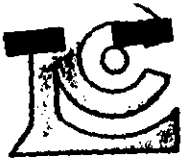
Project: 05-477
Comments: ATTN: DAVE FLEMMING/ANDREW DAVIES CC: ERIC FINLAYSON

Page Number : 4
Total Pages : 1
Certificate Date: 13-OCT-95
Invoice No. : 19529974
P.O. Number :
Account : KAVC

CERTIFICATE OF ANALYSIS A9529974

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
VR12978A	201 202	< 5	< 0.2	7.06	560	0.5	< 2	2.01	< 0.5	18	88	20	4.49	1.45	1.19
VR12979A	201 202	< 5	< 0.2	7.06	570	1.0	< 2	2.14	< 0.5	18	71	20	4.46	1.46	1.15
VR32934A	201 202	< 5	< 0.2	7.28	600	0.5	< 2	1.82	< 0.5	18	80	23	4.60	1.51	1.22
VR32935A	201 202	< 5	< 0.2	6.78	560	0.5	< 2	1.74	< 0.5	15	73	17	3.91	1.57	0.75

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: **NECOTT CANADA, INC.**

354 - 200 GRANVILLE ST.
 VANCOUVER, BC
 V6C 1S4

Page Number :
 Total Pages :
 Certificate Date: 13-OCT
 Invoice No. : 1952997
 P.O. Number :
 Account : KAVC

Project : 05-477
 Comments: ATTN: DAVE FLEMMING/ANDREW DAVIES CC: ERIC FINLAYSON

CERTIFICATE OF ANALYSIS A9529974

SAMPLE	PREP CODE	Ku ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
VR12978A	201 202	730	1	2.06	36	940	8	328	0.85	126	< 10	72			
VR12979A	201 202	825	1	1.98	29	990	8	313	0.71	116	< 10	76			
VR32934A	201 202	720	< 1	2.12	33	790	10	317	0.81	124	< 10	74			
VR32935A	201 202	575	< 1	2.16	22	630	8	314	0.82	120	< 10	64			

CERTIFICATION: *David B. ...*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To KENNECOTT CANADA, INC.

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VANCOUVER, BC
V6C 1S4

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A9529975

Comments: ATTN: DAVE FLEMMING/ANDREW DAVIES CC: ERIC FINLAYSON

CERTIFICATE

A9529975

(KAVC) - KENNECOTT CANADA, INC.

Project: 05-477
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 10-OCT-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	4	Fulp; prepped on other workorder
3296	4	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
1941	4	Ag ppm: Ultra trace package	KIT-ICP	0.02	200
1092	4	As ppm: Ultra trace package	KIT-ICP	0.2	500
1094	4	Bi ppm: Ultra trace package	KIT-ICP	0.2	500
1095	4	Cd ppm: Ultra trace package	KIT-ICP	0.1	1000
1097	4	Cu ppm: Ultra trace package	KIT-ICP	0.2	5000
20	4	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	4	Mo ppm: Ultra trace package	KIT-ICP	0.2	5000
1933	4	Pb ppm: Ultra trace package	KIT-ICP	0.5	5000
1089	4	Sb ppm: Ultra trace package	KIT-ICP	0.2	1000
1946	4	Zn ppm: Ultra trace package	KIT-ICP	1	5000



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: 3F ENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project: 05-477

Comments: ATTN: DAVE FLEMMING/ANDREW DAVIES CC: ERIC FINLAYSON

Page Number
Total Pages
Certificate Date: 10-OCT-95
Invoice No. : 19529975
P.O. Number
Account : KAVC

CERTIFICATE OF ANALYSIS

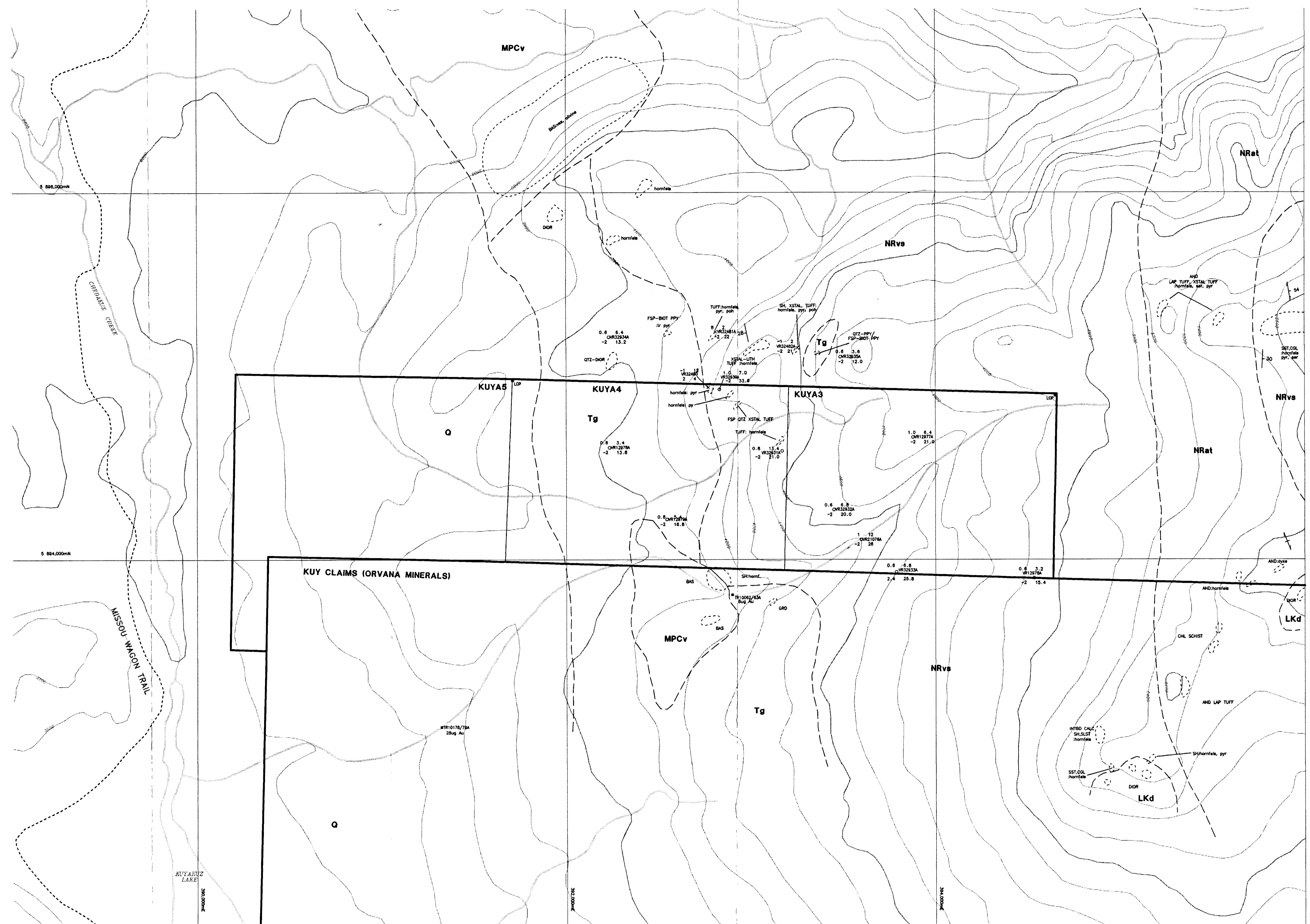
A9529975

SAMPLE	PREP CODE	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
VR12978A	2993296	0.02	3.4	0.2	< 0.1	13.8	< 10	0.6	5.5	< 0.2	60
VR12979A	2993296	0.02	5.4	0.6	< 0.1	16.8	< 10	0.8	6.5	< 0.2	66
VR32934A	2993296	< 0.02	6.4	0.4	< 0.1	13.2	< 10	0.6	7.0	< 0.2	61
VR32935A	2993296	< 0.02	3.6	0.2	< 0.1	12.0	10	0.6	5.0	< 0.2	51

CERTIFICATION:

Handwritten signature

TRUE NORTH
IS 1.5° E
OF GRID NORTH



Abbreviations

- and andesite
- aug augite
- bas basalt
- biot biotite
- cal calcite
- calc calcareous
- cgl conglomerate
- chl chlorite
- dior diorite
- epi epidote
- fels felsic
- fsp feldspar
- grd granodiorite
- grn granite
- hnb hornblende
- hb hornfels
- lap lapilli
- poh pyrrhotite
- pyr pyrite
- qtz quartz
- qvn quartz vein
- ser sericite
- sh shale
- sil silicified
- silt siltstone
- sst sandstone
- tr trace
- ves vesicular

Lithologies

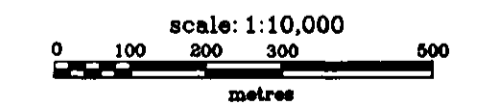
- QUATERNARY
 - Q Surficial deposits
 - glaciofluvial sediments
- MIOCENE-PLIOCENE
 - MPCv Chocoma Group
 - vesicular, olivine basalt
- TERTIARY
 - Tg Chutani Suite
 - granodiorite, quartz-diorite
- LATE CRETACEOUS
 - LKd diorite
- LOWER-MIDDLE JURASSIC
 - NRat Nechoko Range Assemblage
 - andesite tuff
 - NRvs feldspar crystal tuff, crystal lithic tuff, conglomerate, siltstone, shale, calcareous mudstone

Symbols

- geological contact (defined, inferred)
- outcrop
- rock outcrop sample
- rock float sample
- lake sediment sample
- tilt sample
- panned concentrate sample (1994 - micrograms Au)
- stream sediment sample
- property boundary
- fault
- vein orientation
- seismic cut line
- bedding
- foliation
- joint
- road
- trail
- lcp

GEOCHEMISTRY

	Mo ppm	Ag ppm
W32483A	7.0	7.6
W32483A	-2	33.8
W32483A	-2	33.8



Kennecott Canada Inc.
Vancouver

**KUYAKUZ MOUNTAIN PROPERTY
GEOLOGICAL/GEOCHEMICAL MAP
KUYA 3-5 CLAIMS
BRITISH COLUMBIA, CANADA**

NTS: 93F/2E Projection: UTM (NAD27) Drawn by: AJL
Date: 20/02/96 Author: DBF
File: 5KUYG20 Scale: 1:10,000 **Figure 3**

