MAP NO: 115O/15

ASSESSMENT REPORT X
PROSPECTUS
CONFIDENTIAL
OPEN FILE

DOCUMENT NO: 093207
MINING DISTRICT: DAWSON
TYPE OF WORK: PROSPECTING & SOIL SAMPLING

REPORT FILED UNDER: KENECOTT CANADA INCORPORATED

DATE PERFORMED: 20 JUNE/93-26 AUG/93 **DATE FILED:** APRIL 25, 1994

LOCATION: **LAT.:** 63°58' **AREA:** HUNKER CREEK

LONG.: 138°57' **VALUE $:** 2,900

CLAIM NAME & NO.: GBC 1-29 (YB41348-76)

WORK DONE BY: R. CRANSWICK, A. DOYLE

WORK DONE FOR: KLONDIKE KING GOLD CORPORATION

DATE TO GOOD STANDING:	

REMARKS: SOIL GEOCHEM DONE ON CLAIMS AT JUNCTION OF GOLD BOTTOM AND HUNKER CREEKS.

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

M.R. file no. QA09268
R.M.M.R. file no.
Date forwarded 27 Apr 94

TRANSMITTAL FORM

From ▶ Mining Recorder at: DAWSON

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☐ DIAMOND DRILL LOGS — Claims — Claim sheet no.
- ☒ QUARTZ ASSESSMENT REPORT — Claims: GBC 1-29 — Claim sheet no.: 115O-15

Kennecott

Type of report: Prospecting, Soil Sampling, etc — Submitted by: R. Cronswich / A. Doyle

Cls. work performed on: GBC 6, 8, 9 etc — $ req. for ren. application: 2900 cc

OFFICE OF THE REGIONAL MANAGER MINERAL RIGHTS WHITEHORSE YUKON TERRITORY MAY 03 1994

Signature

Date returned

REPLY ACTION

093207

Signature

802-37 (7-88)

ASSESSMENT REPORT ON A 1993 PROGRAM OF PROSPECTING, SOIL SAMPLING, AND GEOLOGICAL MAPPING

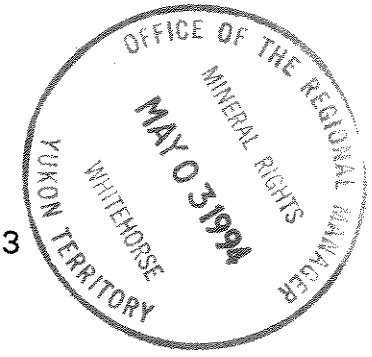
093207

GBC 1-29 (YB41348-YB41376)

DAWSON MINING DISTRICT, YUKON TERRITORY

NTS 115O/15

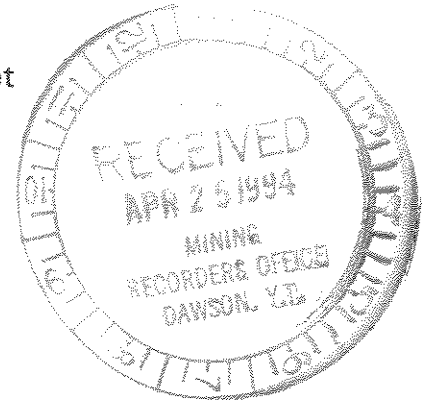
Latitude 63° 58'N
Longitude 138°57'W



Work conducted: June 20-21; August 26, 1993

OWNERS:

Klondike King Gold Corp.
1000 - 675 West Hastings Street
Vancouver, B.C.
V6B 1N6



OPERATOR:
KENNECOTT CANADA INC.
354 - 200 Granville Street
Vancouver, B.C.
V6C 1S4

Prepared by: R. Cranswick
A. Doyle

April 22, 1994

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APPENDICES

1.0 INTRODUCTION

The GBC claims span the area where Gold Bottom Creek flows into Hunker Creek. Through an option agreement with Klondike King Mines et al, Kennecott has the opportunity to earn an interest in the claims and operated the project in 1993. Work on the property in 1993 consisted of ridge and spur soil sampling, prospecting, and geological mapping.

2.0 LOCATION, ACCESS AND TOPOGRAPHY

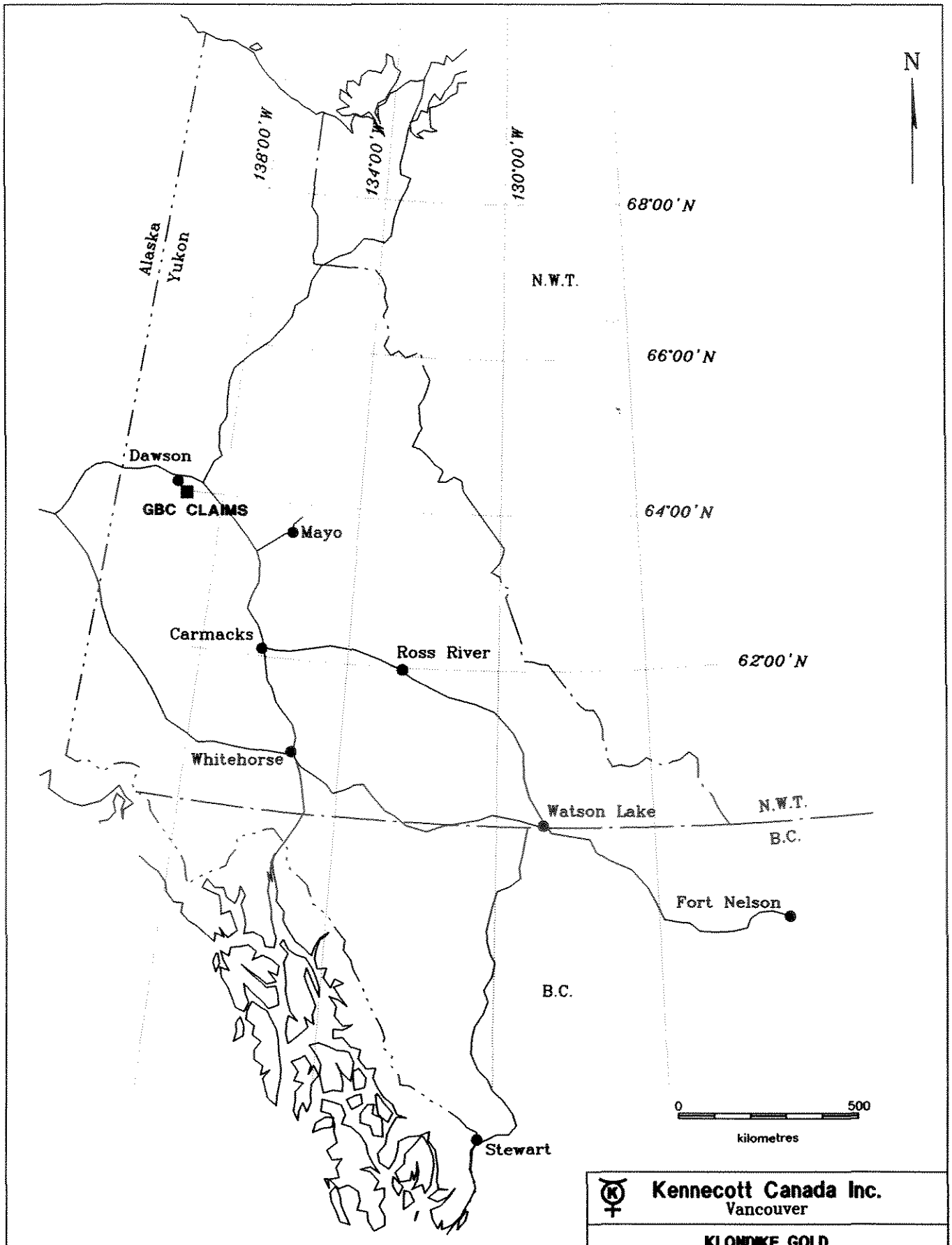
The GBC claims are located in west-central Yukon, approximately 25 km southeast of Dawson in the Klondike placer gold district (Figure 1). The property is centred at 63°58'N latitude and 138°57' W longitude within NTS map area O/15.

The GBC property lies along a ridge bounded by Hunker Creek, Gold Bottom Creek, 16 Below Pup, and Ontario Gulch. The property may be accessed by gravel road along Gold Bottom Creek and Hunker Creek. Dawson City serves as the service and supply centre for the area.

The GBC claims are situated within the Klondike Plateau. Gentle rolling hills predominate and relief is moderate. Elevations range from 500m in creek bottoms to 700m on ridges. Natural outcrop exposures are uncommon and are largely confined to ridges. Frost heave is common on north facing slopes and provides displaced bedrock material for sampling.

3.0 PROPERTY STATUS

The GBC property consists of 29 Quartz claims covering 606 hectares within the Dawson Mining District of Yukon Territory (Figure 2). The claims are owned by Klondike King Mines Ltd. Table 1 is a list of the GBC claims with updated expiry dates. Through a 1993 agreement with Klondike King Mines Ltd. et al, Kennecott has the option to earn an interest in the GBC claims and is the recorded owner.



Kennecott Canada Inc.
Vancouver

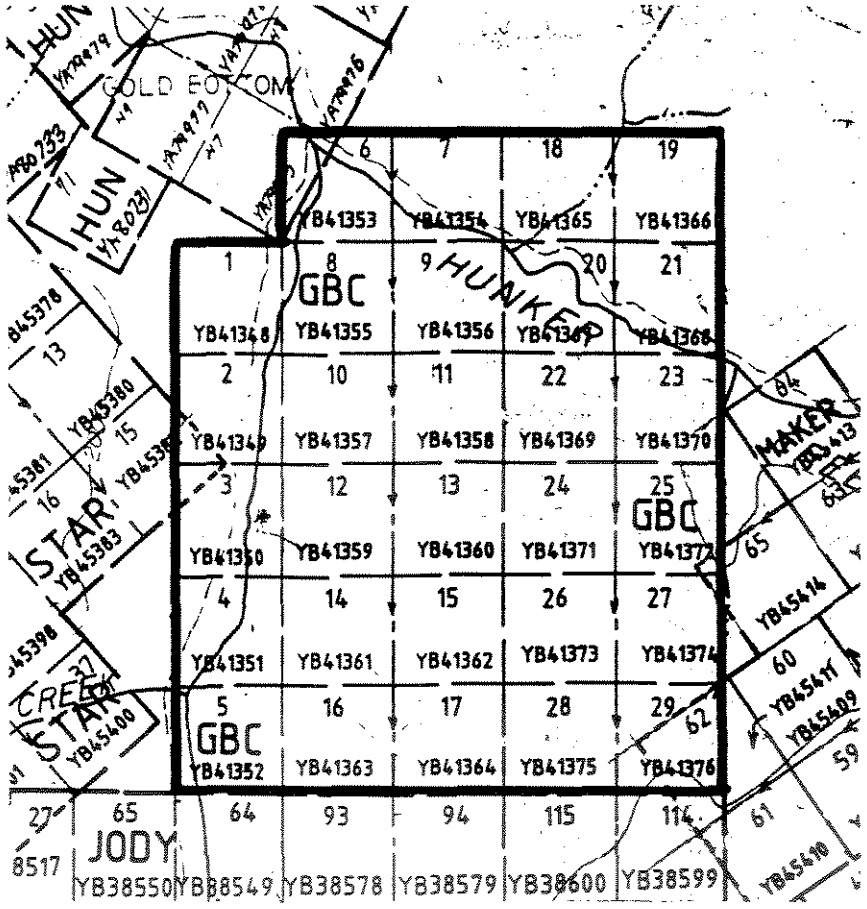
KLONDIKE GOLD

GBC CLAIMS
PROJECT LOCATION

YUKON, CANADA

Date: 5/04/94	Author:	Figure 1
File: KLG-LOC	PS: 1 = 15	

N



scale 1:31,680

0 1500

metres

Kennecott Canada Inc.
Vancouver

LONESTAR - KLONDIKE GOLD

GBC CLAIMS

YUKON, CANADA

Date:	11/12/93	Author: AD	Figure 2
File:	KLG-FRM	PS:	1 = 31.68

HO

Table 1 List of Claims.

Claim Name	Claim Number	Expiry Date
GBC 1	YB41348	August 14, 1994
GBC 2	YB41349	August 14, 1994
GBC 3	YB41350	August 14, 1994
GBC 4	YB41351	August 14, 1994
GBC 5	YB41352	August 14, 1994
GBC 6	YB41353	August 14, 1994
GBC 7	YB41354	August 14, 1994
GBC 8	YB41355	August 14, 1994
GBC 9	YB41356	August 14, 1994
GBC 10	YB41357	August 14, 1994
GBC 11	YB41358	August 14, 1994
GBC 12	YB41359	August 14, 1994
GBC 13	YB41360	August 14, 1994
GBC 14	YB41361	August 14, 1994
GBC 15	YB41362	August 14, 1994
GBC 16	YB41363	August 14, 1994
GBC 17	YB41364	August 14, 1994
GBC 18	YB41365	August 14, 1994
GBC 19	YB41366	August 14, 1994
GBC 20	YB41367	August 14, 1994
GBC 21	YB41368	August 14, 1994
GBC 22	YB41369	August 14, 1994
GBC 23	YB41370	August 14, 1994
GBC 24	YB41371	August 14, 1994
GBC 25	YB41372	August 14, 1994
GBC 26	YB41373	August 14, 1994
GBC 27	YB41374	August 14, 1994
GBC 28	YB41375	August 14, 1994
GBC 29	YB41376	August 14, 1994

4.0 REGIONAL GEOLOGY

4.1 Tectonic Environment

The Klondike district is located on the northeastern edge of the Palaeozoic Yukon-Tanana tectonostratigraphic terrane (Mortensen, 1990; Figure 3). This allochthonous terrane is separated from thrust-stacked parautochthonous rocks of the North American miogeocline by the Tintina Fault Zone, a major suture which has accommodated relative movement between the two crustal blocks. Initial docking of the Yukon-Tanana terrane with the North American continental margin probably occurred in Early to Middle Jurassic times (Mortensen, pers. comm., 1994). Docking was accompanied by obduction of interposed oceanic lithosphere, now represented by ophiolitic rocks of the Slide Mountain terrane.

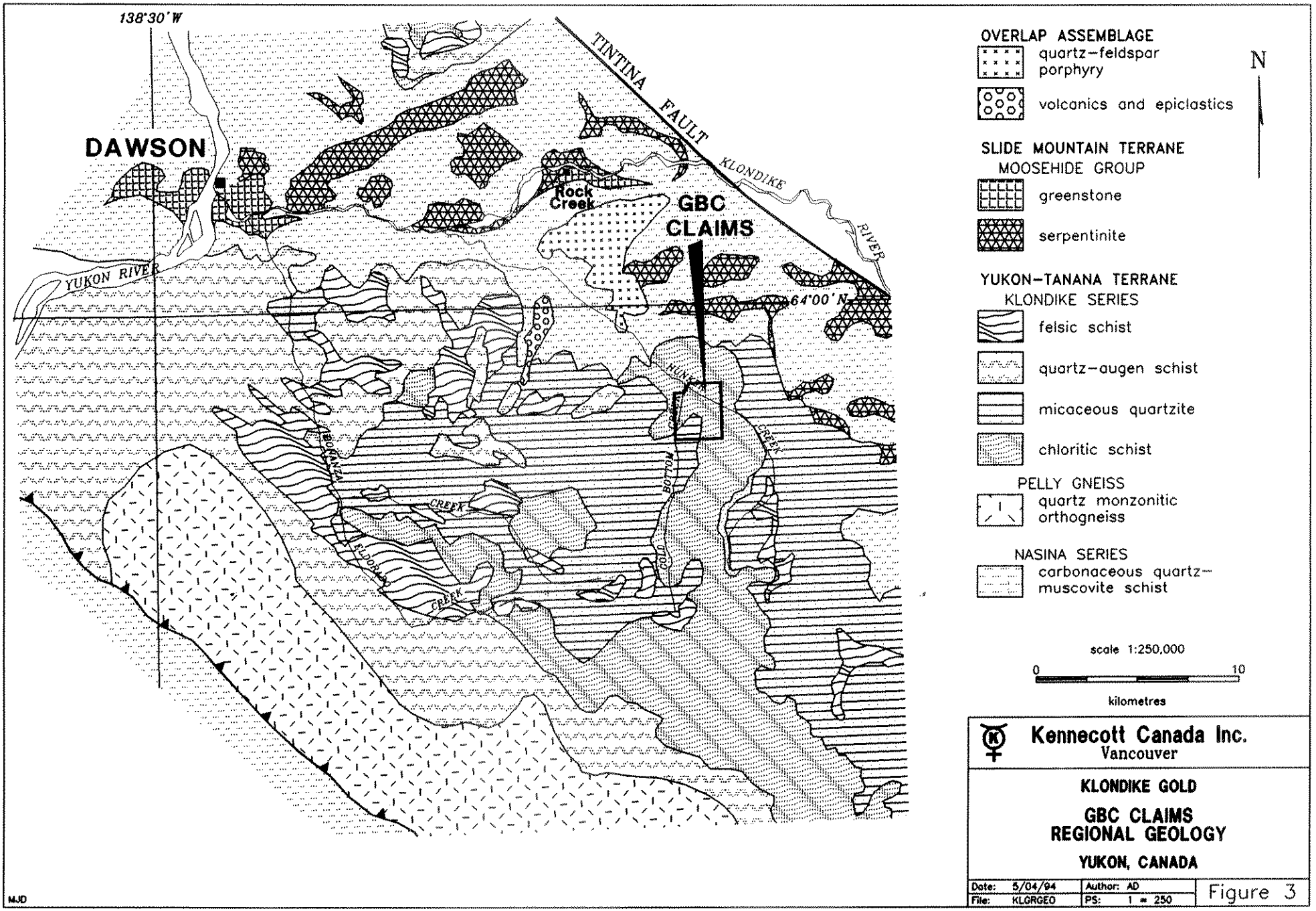
Major relative movement between the Yukon-Tanana terrane and the North American continental margin occurred in Late Palaeogene and Neogene times (Mortensen, pers. comm., 1994). A net dextral strike-slip displacement of 450km was originally suggested by Templeman-Kluit (1974) and this estimate is still endorsed by most workers. Strike-slip movement along Tintina Fault Zone appears to have been immediately preceded by an episode of bimodal basalt and topaz rhyolite volcanism. Products of this Palaeocene - Eocene magmatic event are present in both the Klondike district and the Grew Creek area 400km to the southeast.

4.2 Stratigraphy

Brief descriptions of rock units found in the vicinity of the property are provided below, using the tectonostratigraphic nomenclature of Mortensen (1990) and the original stratigraphic nomenclature of McConnell (1905). Units are grouped into the Yukon-Tanana terrane, the Slide Mountain terrane and a post-amalgamation overlap assemblage (Figure 3). Units within each group have been described in what is believed to be the order of diminishing age.

4.2.1 Yukon-Tanana terrane

The Yukon-Tanana terrane is an assemblage of tectonically interleaved Palaeozoic rock units. Mortensen (1990) has outlined three thrust-stacked assemblages within the terrane, two of which occur in the vicinity of the GBC claims. One of these assemblages equates to the Nasina Series of McConnell (1905), the other to McConnell's (ibid.) Pelly Gneiss and Klondike Series.



Kennecott Canada Inc.
Vancouver

KLONDIKE GOLD

GBC CLAIMS
REGIONAL GEOLOGY

YUKON, CANADA

Date:	5/04/94	Author:	AD
File:	KLGRGEO	PS:	1 = 250

Figure 3

Nasina Series

This unit is comprised largely of medium to dark grey carbonaceous quartz-muscovite schist and carbonaceous metaquartzite. Thin horizons of medium to dark grey marble occur locally. Recent U-Pb zircon dating indicates a Devono-Mississippian age for the unit (Mortensen, pers. comm., 1994). Protoliths were predominantly carbonaceous siliciclastic sedimentary rocks.

Pelly Gneiss

This unit is comprised of biotite-bearing quartz monzonitic orthogneiss. The rock probably represents a deformed granitic intrusion. Recent U-Pb zircon dating by Mortensen (1990) indicates a Mid-Permian age for the Pelly Gneiss.

Klondike Series

Several lithostratigraphic units have been identified within the Klondike Series. The lowest stratigraphic unit is comprised of quartz-chlorite-actinolite schist and associated metadiabase. Protoliths were probably mafic to intermediate volcanics and consanguineous sub-volcanic intrusions. This unit grades upward into micaceous and chloritic metaquartzite, which represents a terrigenous clastic sequence containing a minor component of mafic to intermediate volcanic lithogenous material. Cross-cutting these two units is a quartz-feldspar augen schist (Mortensen, 1990). Work by McConnell (1905), Metcalfe (1981) and Mortensen (1990) suggests that this rock type constitutes a deformed quartz-feldspar porphyry. Felsic schist overlies the quartz-feldspar augen schist and may be its extrusive equivalent (Mortensen, 1990). The felsic schist unit, which is thin and recessively weathering, includes a minor component of carbonaceous quartz-muscovite schist and contains small occurrences of possible volcanogenic massive sulphide mineralisation. The protolith may have been a felsic tuff (Mortensen, 1990). Recent U-Pb zircon dating by Mortensen (ibid.) indicates a Mid- Permian age for the Klondike Series, identical to the age deduced for the Pelly Gneiss.

4.2.2 Slide Mountain terrane

The rocks of the Slide Mountain terrane are Paleozoic in age and comprise greenstone and serpentinite. They occur as tectonic slices caught up in regional structures and form discontinuous lenses and slabs ranging from less than 1m to 150m thick (Mortensen, 1990). These rocks equate to the Moosehide Group of McConnell (1905).

The greenstones consist of seafloor-altered pyroxene-phyric basalt, fine grained mafic tuff, diabase and minor gabbro. These rocks form substantial tectonic bodies which are well exposed along the Klondike highway immediately east of Dawson.

Serpentinite is found as smaller, sheared and carbonate-altered tectonic slivers, sometimes wholly enclosed within Nasina Series rocks.

4.2.3 Overlap assemblage

The younger, post-amalgamation rock units include volcanics, volcanogenic sediments and intrusions of Late Cretaceous to Paleogene age. As the volcanics and volcanogenic sediments occur only locally, they may be preserved within down-dropped fault blocks or in subsidence structures related to volcanism and intrusion.

Massive andesite flows and sills are interbedded with thinly-bedded epiclastics and tuffs along Last Chance Creek (Mortensen, 1990; Debicki, 1984). A Late Cretaceous age for these rocks has been suggested by Mortensen (1990) on the basis of regional lithostratigraphic correlation with Carmacks Group volcanics in the Sixty Mile area.

A fine to medium grained equigranular hornblende-biotite granodiorite crops out in Hunker Creek 1km upstream of the mouth of Gold Bottom Creek. Debicki (pers. comm. to J.K. Mortensen, 1985) reports a Palaeocene K-Ar age for this intrusion, which may therefore be genetically related to the Last Chance Creek volcanics.

Well-bedded felsic lapilli tuff and coarse volcanic breccia containing quartz-feldspar porphyry and country rock lithic fragments are mapped along Germaine Creek, immediately adjacent to the Tintina Fault Zone (Mortensen, 1990). These rocks are correlated lithostratigraphically with Eocene volcanics found in the Grew Creek area 400 km to the southeast.

Quartz-feldspar porphyry occurs as a large intrusive body north of Hunker Creek. Debicki (pers. comm. to J.K. Mortensen, 1985) reports an Eocene K-Ar age for this intrusion. The rock is presumably the intrusive equivalent of the felsic lapilli tuff. Small bodies of brown-weathering plagioclase, hornblende and/or pyroxene-phyric mafic porphyry, diabase and rare olivine gabbro are closely associated with the quartz-feldspar porphyry (Mortensen, 1990).

A bimodal suite of dykes occurs throughout the Klondike district as thin composite or single phase intrusions. Field relations suggest that the composite dykes formed by initial intrusion of a mafic phase and subsequent intrusion of a felsic phase. Felsic dykes "split" earlier mafic ones, suggesting incomplete cooling of the mafic dykes at the time of felsic dyke intrusion. The relationship between the bimodal dyke suite and the quartz-feldspar porphyry intrusion is uncertain, though both have returned Eocene K-Ar ages (Mortensen, pers. comm., 1994).

5.0 PREVIOUS EXPLORATION

Previous lode gold exploration in the vicinity of the GBC is limited. United Keno Hill Mines Ltd., in a joint venture with Falconbridge Ltd. conducted a regional exploration program in the area surrounding what is now the GBC claims during the late 1980's. The program consisted of regional mapping, geochemistry, and diamond drilling along Gold Bottom Creek (INAC, 1993). The assessment report covering this work is not yet available.

The only recorded mineral occurrence proximal to the GBC claim is located at the junction of Gold Bottom and Hunker creeks. This area was previously staked over an ultamafic body for its asbestos potential (INAC, 1993).

6.0 1993 EXPLORATION PROGRAM

During the 1993 field season, a program of prospecting, reconnaissance geological mapping, and ridge and spur soil sampling was conducted on the GBC claims (Figure 4). During prospecting and mapping, 4 rock samples were collected (3 for assessment plus one additional sample are reported). A total of 51 soil samples were collected during ridge and spur sampling.

7.0 PROPERTY GEOLOGY, ALTERATION AND MINERALIZATION

Very little geological information is available for the GBC claims, mainly due to the paucity of rock exposed. A steep cliff outcrop is exposed in the northwestern portion of the claims and only two small outcrops were encountered elsewhere on the property.

The claims are underlain by quartz ± feldspar-chlorite schist with lesser ultramafics in the central portion of the property. The schist is comprised of distinct bands of chlorite and sugary quartz. In one locality, bands of quartz, feldspar and epidote were observed. The ultramafic is medium green to white in colour and is comprised of 80% talc and 10 to 20% limonite after euhedral pyrite grains. No other sulphides were observed.

8.0 GEOCHEMISTRY

8.1 Rock Geochemistry

A total of four rock samples were collected on the GBC claims. Sample locations are plotted on Figure 4 and sample descriptions are located in Appendix A.

Samples were sent to Chemex Labs and were analyzed for gold using a 30 g fire assay preparation with an AA finish, and for an additional 32 elements by ICP-ES. Analytical certificates are provided in Appendix B.

8.2 Soil Geochemistry

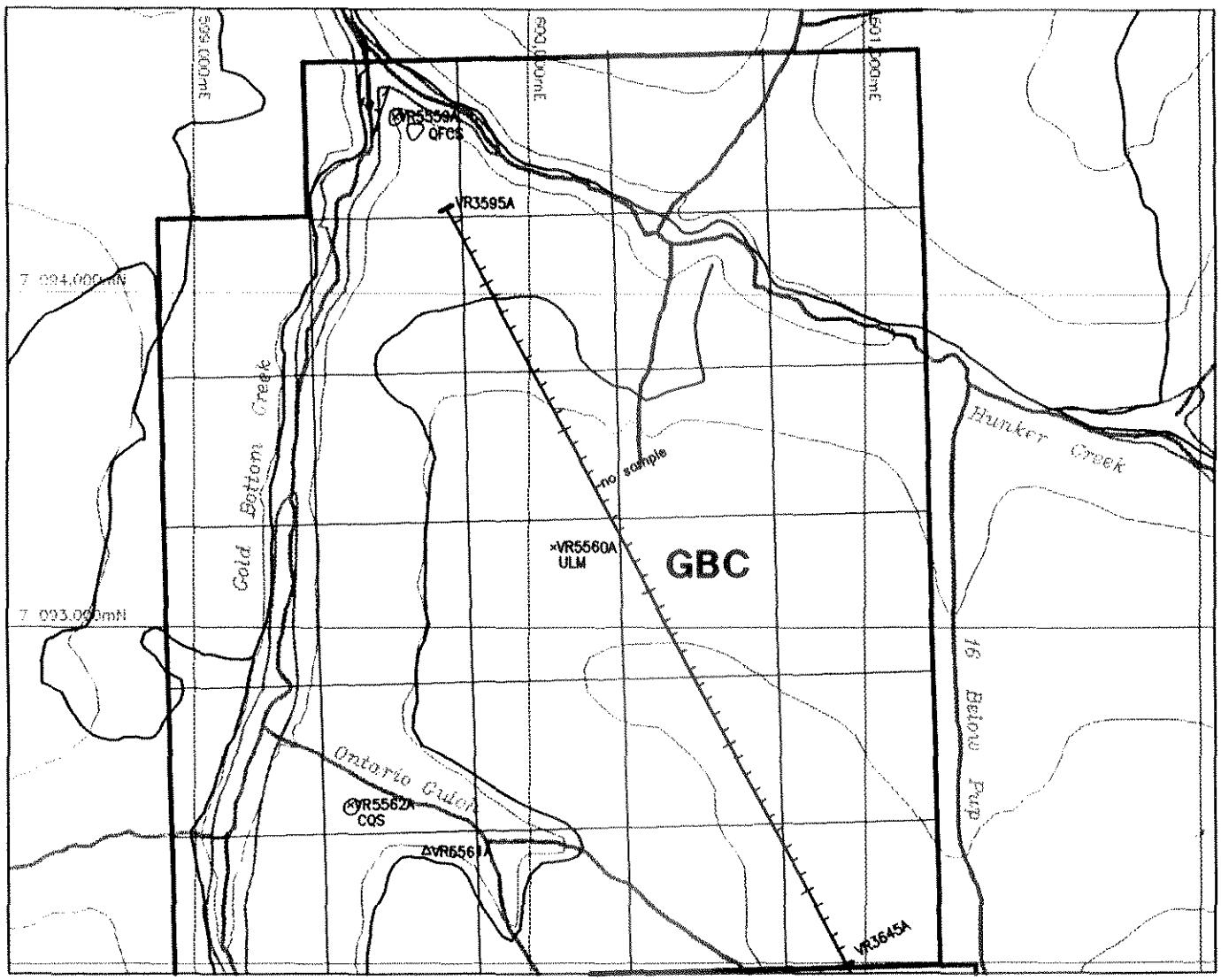
Soil sampling was conducted along the ridge trending south-southeast across the claims. A total of 51 samples were collected at 50m intervals from B-horizon soils which are well developed and within 30cm of surface. Sample locations are plotted on Figure 4.

Samples were sent to Chemex Labs and were analyzed for gold using a 30g fire assay preparation with an AA finish, and for an additional 32 elements by ICP-ES. Sample descriptions are located in Appendix C, analytical certificates are provided in Appendix D and bubble plots of results are depicted on Figures 5 to 11.

Only two samples, VR3611A and VR3641A, contained coincident highs for more than one element. Sample VR3611A contained 326ppm Cr and 102ppm Ni. Sample VR3641A contained 104ppm Cr and 102ppm Zn. Gold was detected in only one sample. Sample VR3615A contained 10ppb Au and 149ppm Cr.

9.0 DISCUSSION

The quartz ± feldspar chlorite schist is equivalent to the chlorite schist unit mapped by Mortensen (1990). The chromium highs probably reflect the ultramafic rocks in the area. As seen in other localities in the Klondike, the ultramafics are often discontinuous slivers within a fault zone. Mapping by Mortensen (1990) in the area identified a regional fault which roughly parallels Hunker Creek. In the vicinity of the GBC claims it traverses south-southeasterly across the property.



N

ULM ULTRAMAFIC; green to white, weakly to non-foliated

CQS CHLORITE-QUARTZ SCHIST

QFCS QUARTZ-FELDSPAR-CHLORITE SCHIST;

outcrop

subcrop (includes frost heave)

foliation; with dip

rock sample; outcrop, float

VR3170A soil line with stations, sample indicators

road

scale 1:20,000

0 1000

metres

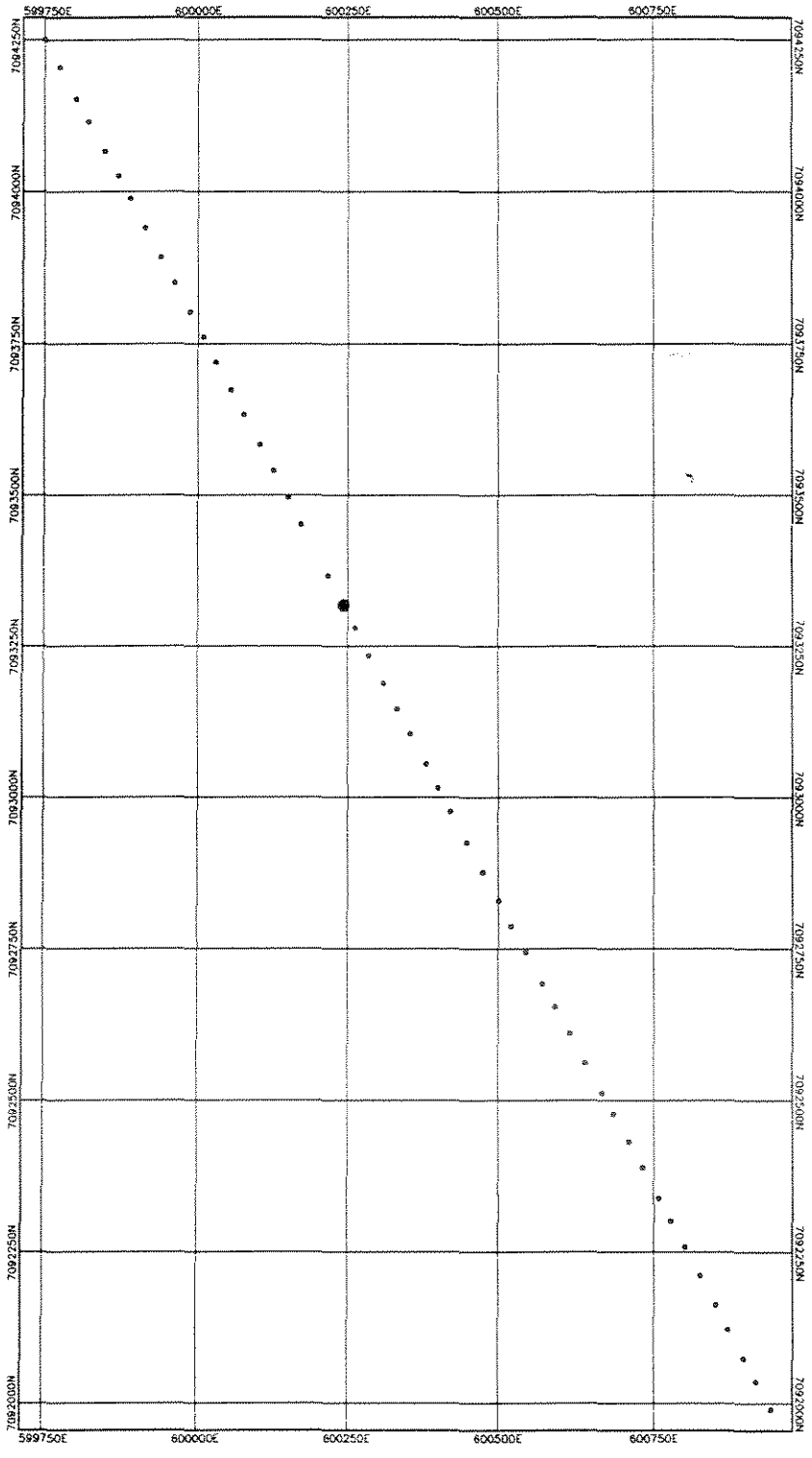
Kennecott Canada Inc.
Vancouver

KLONDIKE GOLD

GBC
GEOLOGY & SAMPLE LOCATIONS
YUKON, CANADA

Date: 12/4/94	Author: A.D.	Figure 4
File: GBCASS	PS: 1 = 20	

MJD



- 0 - 5 ppb Au
- 6 - 20 ppb Au
- 21 - 40 ppb Au
- > 41 ppb Au

N

Scale 1:12000

250 0 (meters)

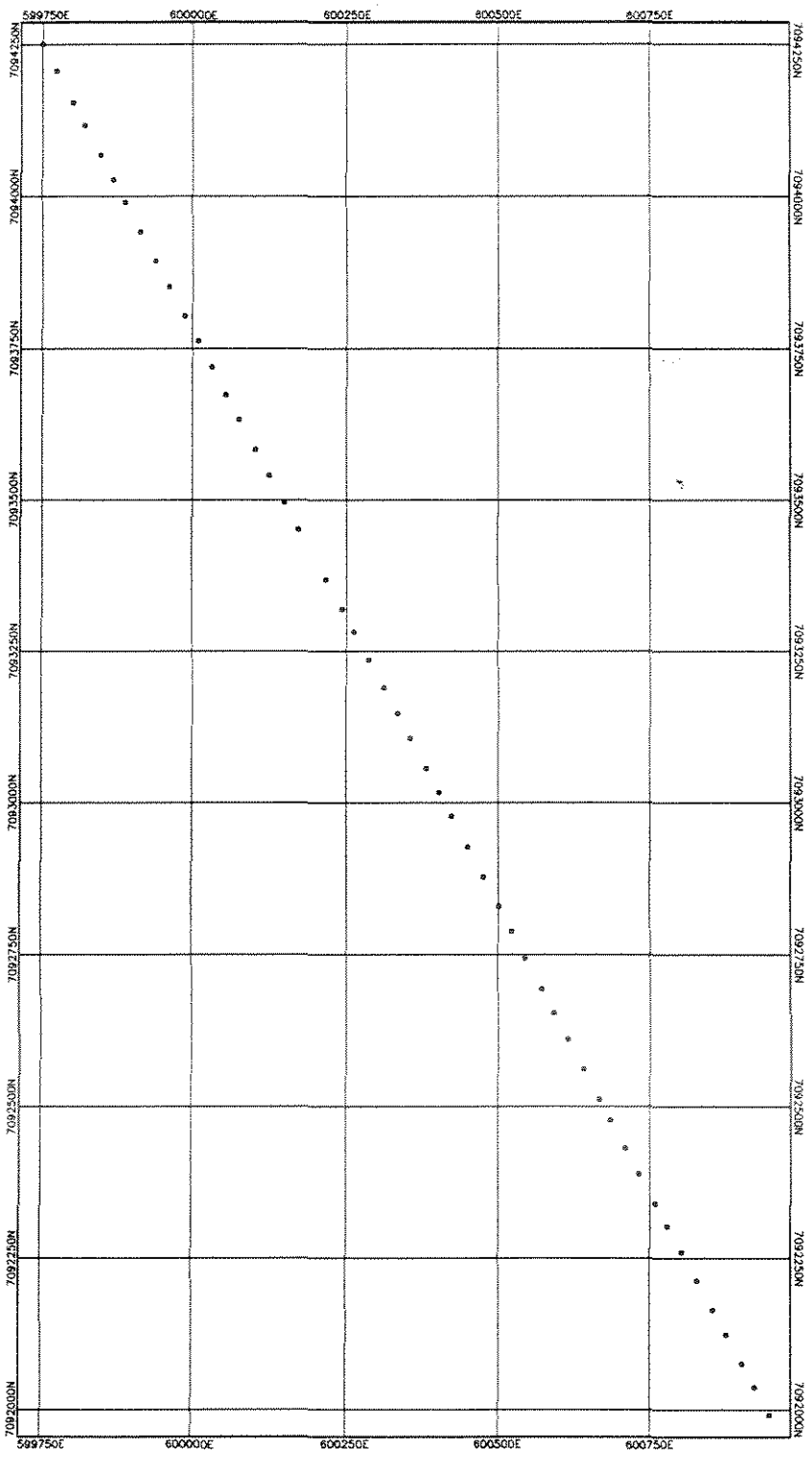
Kennecott Canada Inc.
Vancouver

GBC CLAIMS

SOIL GEOCHEMISTRY GOLD PPB

YUKON, CANADA

Date: 07\05\93	Author:	Figure 5
File: GBCAU-F	PS:	



- . 0 – .4 ppm Ag
- ● .5 – 1.0 ppm Ag
- ○ 1.1 – 1.9 ppm Ag
- ● > 2.0 ppm Pb

N

Scale 1:12000

250 0

(meters)

Kennecott Canada Inc.
Vancouver

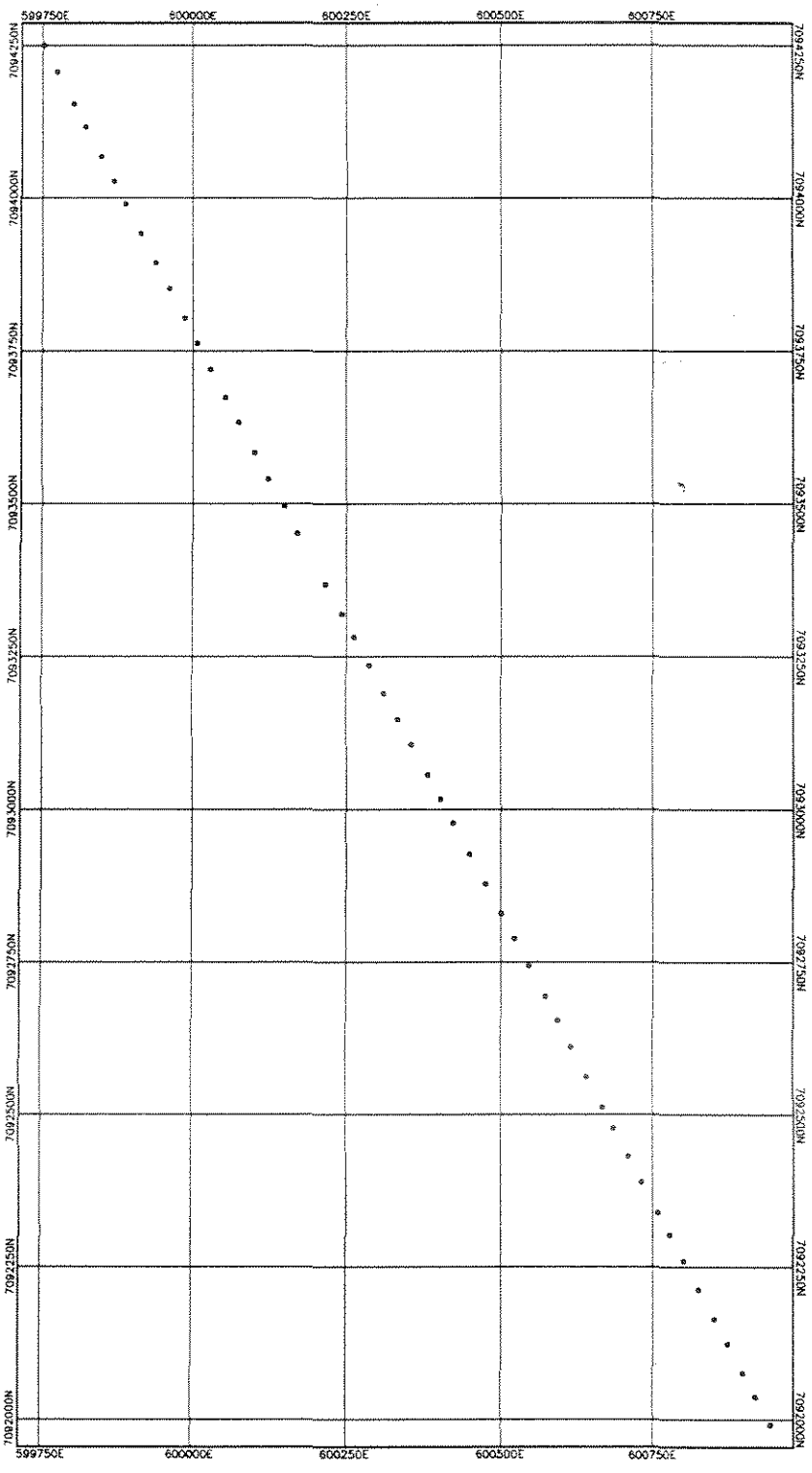
GBC CLAIMS

SOIL GEOCHEMISTRY SILVER PPM

YUKON, CANADA

Date: 07\05\93	Author:
File: GBCA0-F	PS:

Figure 6



- 0 - 30 ppm As
- 31 - 100 ppm As
- 101 - 150 ppm As
- > 151 ppm Pb

N

Scale 1:12000

250 0

(meters)

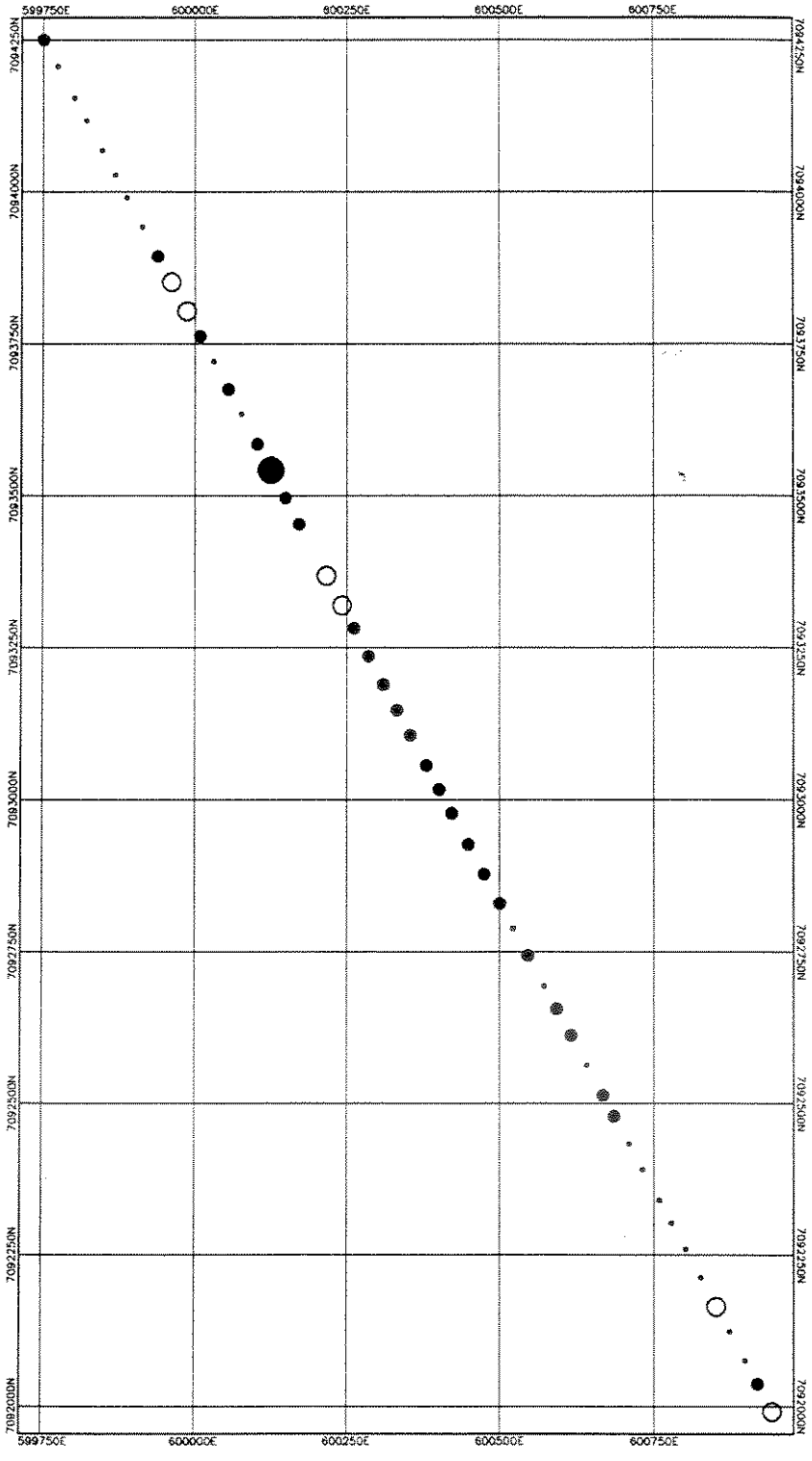
Kennecott Canada Inc.
Vancouver

GBC CLAIMS

SOIL GEOCHEMISTRY ARSENIC PPM

YUKON, CANADA

Date: 07\05\03	Author:	Figure 7
File: GBCAS-F	PS:	



- 0 - 45 ppm Cr
- 46 - 100 ppm Cr
- 101 - 250 ppm Cr
- > 251 ppm Cr

Scale 1:12000

250 0

(meters)

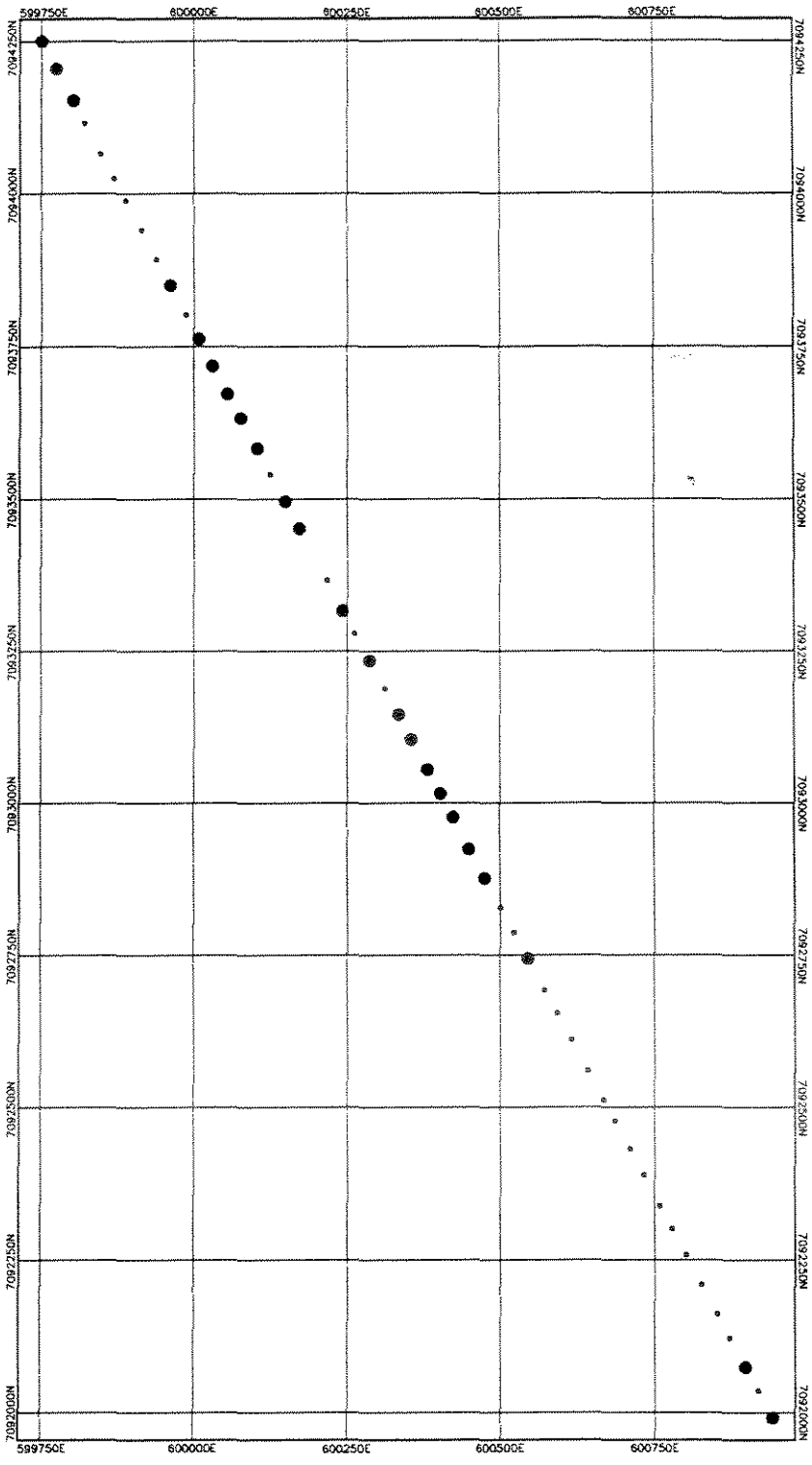
Kennecott Canada Inc.
Vancouver

GBC CLAIMS

SOIL GEOCHEMISTRY CHROMIUM PPM

YUKON, CANADA

Date: 07\05\93	Author:	Figure 8
File: GBCCR-F	PS:	



- 0 - 30 ppm Cu
- 31 - 100 ppm Cu
- 101 - 150 ppm Cu
- > 151 ppm Cu

N

Scale 1:12000

250 0

(meters)

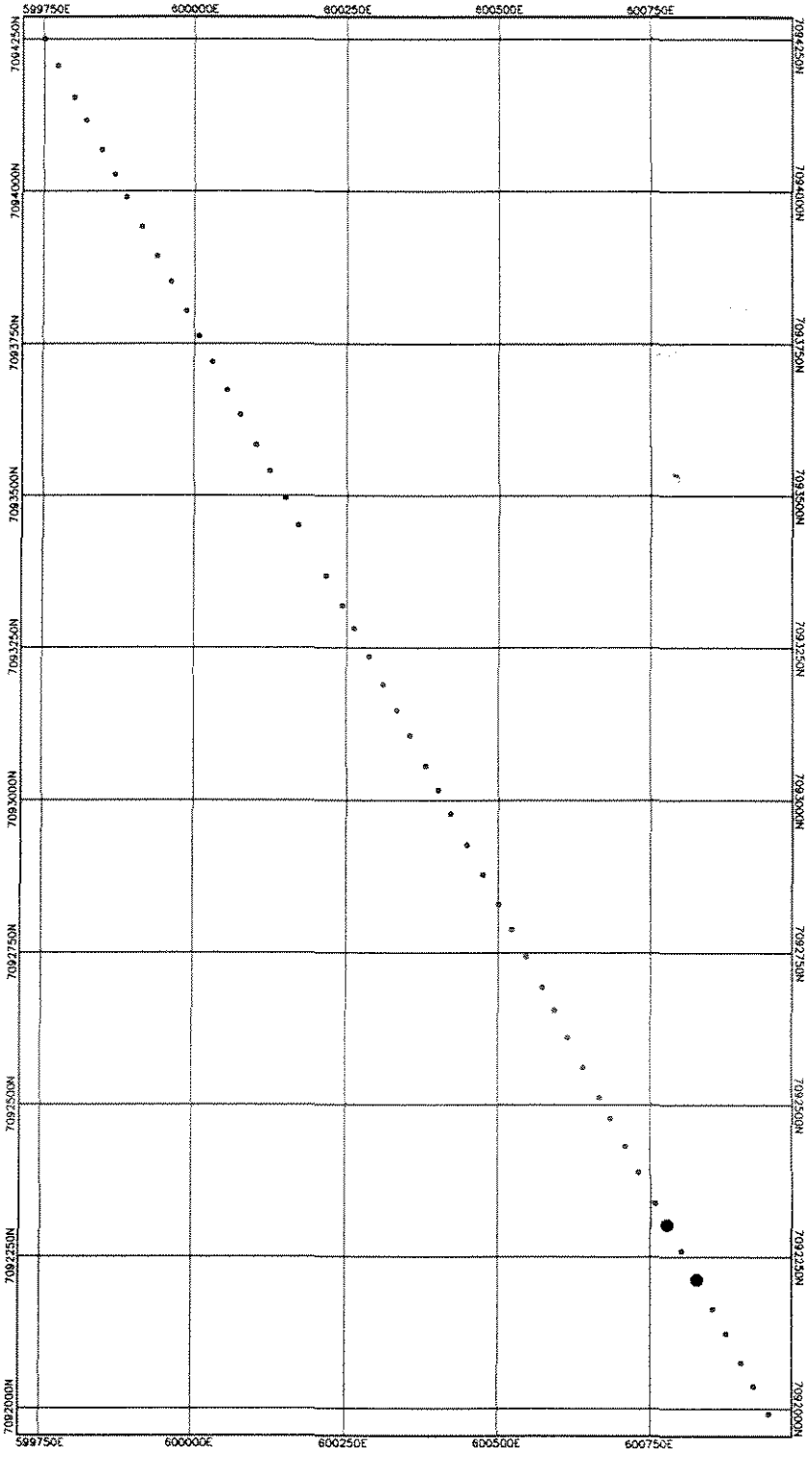
Kennecott Canada Inc.
Vancouver

GBC CLAIMS

SOIL GEOCHEMISTRY COPPER PPM

YUKON, CANADA

Date: 07\05\93	Author:	Figure 9
File: GBCCU-F	PS:	



- 0 - 30 ppm Pb
- 31 - 60 ppm Pb
- 61 - 150 ppm Pb
- > 151 ppm Pb

N

Scale 1:12000

250 0

(meters)

Kennecott Canada Inc.
Vancouver

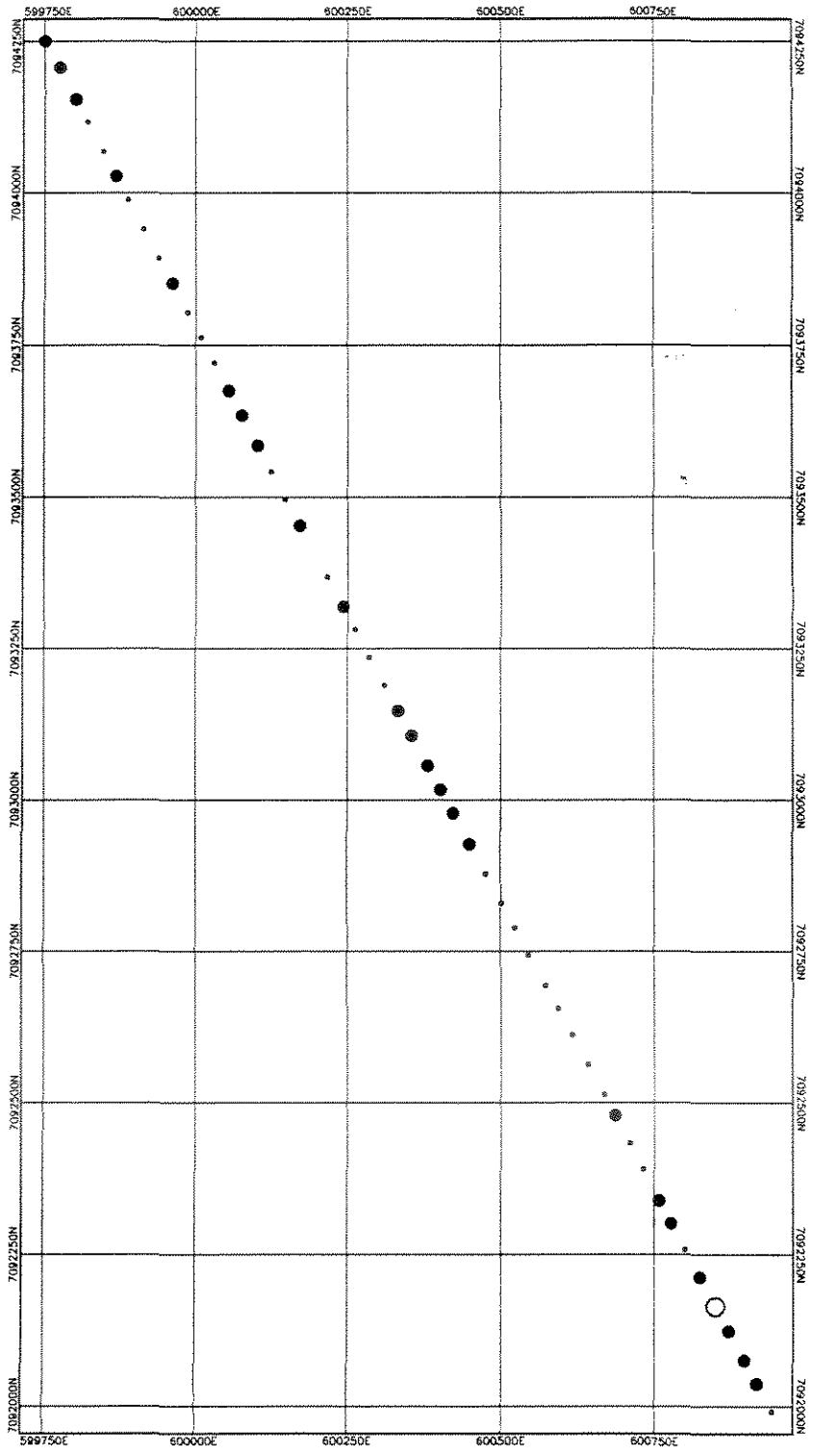
GBC CLAIMS

SOIL GEOCHEMISTRY LEAD PPM

YUKON, CANADA

Date: 07\05\93	Author:
File: GBCPB-F	PS:

Figure 10



- 0 – 50 ppm Zn
- 51 – 100 ppm Zn
- 101 – 150 ppm Zn
- > 151 ppm Zn

N

Scale 1:12000

250 0

(meters)

Kennecott Canada Inc.
Vancouver

GBC CLAIMS

SOIL GEOCHEMISTRY ZINC PPM

YUKON, CANADA

Date: 07\05\93	Author:	Figure 11
File: GBCZN-F	PS:	

10.0 CONCLUSIONS AND RECOMMENDATIONS

Nothing of economic significance was encountered during the limited time spent on the property in 1993. Future work should focus on locating more outcrop exposures to evaluate, particularly in the area of Mortensen's regional fault. Re-plotting and re-eveluation of government magnetics for this area would help pinpoint this structure's location.

12.0 REFERENCES

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MORTENSEN, J.K., 1990. Geology and U-Pb geochronology of the Klondike District, west-central Yukon Territory *In* Canadian Journal of Earth Sciences, Volume 27, pp. 903-914.

STATEMENT OF QUALIFICATIONS

I, Russ Cranswick, with business address at 354 - 200 Granville Street, Vancouver, B.C., V6C 1S4, and residence at P6 - 2455 York Avenue, Vancouver, B.C., V6K 1C9, hereby certify that:

1) I graduated from the University of British Columbia in 1987 with a B.Sc. in Geology.

2) I am a licensed Professional Geologist (L607) with the Association of Professional Engineers, Geologists and Geophysicists of the Northwest Territories.

3) I am a member of the Society of the Economic Geologists.

4) For the past seven years as a geologist, and the three years prior as a student, I have been actively engaged in mineral exploration in British Columbia, Yukon Territory, Northwest Territories and Ontario.

5) I have no interest, nor do I expect to receive any interest, in the property or any related securities.

6) This report is based on the work conducted by, and the personal observations of, my co-author. My contributions to this report are based on a review of the data and my familiarity with the project area.

Dated at Vancouver, British Columbia, this 22nd day of April, 1994.

R. L. Cranswick - P.Geol.

REGISTERED PROFESSIONAL GEOLOGIST
R. CRANSWICK
LICENSEE
N.W.T.

STATEMENT OF COSTS - GBC
20 June - 21 June, 26 August, 1993

Salaries				
Geologists	3 man days	@	$250.00	$ 750.00
Assistants	4 man days	@	$135.00	$ 540.00
Support				
Truck 1 rental	3 days	@	$60.00	$ 180.00
ATV rental	3 days	@	$24.00	$ 72.00
Fax rental	3 days	@	$10.00	$ 30.00
Meals and Accomodations				
Meals	7 man days	@	$40.00	$ 280.00
House Rental	3 days	@	$37.00	$ 111.00
Analytical Costs				
Rock	3 samples	@	$16.00	$ 48.00
Soil	51 samples	@	$11.00	$ 561.00
Supplies				$ 145.00
Commmunications/Reproductions				$ 50.00
Report				$ 250.00
Drafting				$ 100.00
TOTAL				**$ 3,117.00**

Work performed on GBC 6, 8, 9, 11, 13, 24, 26, 28, 29
Claims held less than 3 years - no grouping required.

APPROVED $2,100.00
MINING RECORDER

Appendix A

Rock Sample Descriptions

Rock Sample Descriptions: Table of Abbreviations

PROJECT (PROJ.)

KG	Klondike Gold	*LS*	Lonestar

GEOLOGIST (GEOL.)

__	Geologist's Initials

SAMPLE TYPE (S-TYPE)

CH	Channel	*CO*	Drill Core
CU	Drill Cuttings	*DG*	Dump, Grab
DH	Dump, High-Grade	*FL*	Float
GR	Grab	*RC*	Rock-Chip from outcrop

ROCK TYPE MODIFIERS (MOD1, MOD2, MOD3)

AZU	Azurite	*CHL*	Chlorite
DIB	Diabase	*FEL*	Feldspathic
FSP	Feldspar	*GRA*	Graphite
INT	Intermediate	*MAG*	Magnetite
MAL	Malachite	*MUS*	Muscovite
SEC	Sericite	*SLC*	Silicified
QTZ	Quartz		

ROCK TYPE (R-TYPE)

AND	Andesite	*BRX*	Breccia
CLY	Clay	*DIK*	Dike
GRD	Granodiorite	*LIM*	Limonite
MAR	Mariposite	*POR*	Porphyry
PYY	Pyrite concentrate	*QTE*	Quartzite
SCH	Schist	*ULM*	Ultramafic
VEN	Vein		

Rock Sample Descriptions

SAMPLE #	CERTIF. #	PROJ.	PROPERTY	NTS	UTM N	UTM E	CLAIM	DATE	GEOL.	S-TYPE	MOD 1	MOD 2	MOD 3	R-TYPE	NOTES
VR5559A	A9319353	KG	GBC	1150/15	7,094,519	599,800	GBC 8	7/26/93	ALD	RC	CHL	QTZ	FEL	SCH	DISTINCT LAYERS OF CHL AND QTZ + FSP + EPI AND QTZ + FSP + BIO
VR5560A	A9319353	KG	GBC	1150/15	7,093,234	600,073	GBC 13	7/26/93	ALD	FL				ULM	ALT'D UM, 80% TALC, 10-20% LIM AFTER PYY, 5-10mm WIDE CRYSOTILE VNS
VR5561A	A9319353	KG	GBC	1150/15	7,092,333	599,691	GBC 16	7/26/93	ALD	FL	MUS	QTZ		SCH	LOCALLY 5% LIM AFTER PYY, SUGARY QTZ BANDS
VR5562A	A9319353	KG	GBC	1150/15	7,092,473	599,487	GBC 14	7/26/93	ALD	QR	CHL	QTZ		SCH	SUGARY QTZ BANDS

Appendix B

Analytical Certificates - Rock Samples

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

o: KENNECOTT CANADA, INC.

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

A9319353

Comments: ATTN: C.BELL

CERTIFICATE A9319353

KENNECOTT CANADA, INC.

Project: KLONDIKE GOLD
P.O. # : 05-428

Samples submitted to our lab in Vancouver, BC.
This report was printed on 25-AUG-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205		Geochem ring to approx 150 mesh
274		0-15 lb crush and split
229		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		Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118		Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119		Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120		As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121		Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122		Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123		Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124		Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125		Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126		Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127		Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128		Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150		Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130		Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131		Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132		K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151		La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134		Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135		Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136		Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137		Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138		Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139		P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140		Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141		Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142		Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143		Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144		Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145		Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146		U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147		V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148		W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149		Zn ppm: 32 element, soil & rock	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

): KENNECOTT CANADA, INC.

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

Project : KLONDIKE GOLD
Comments: ATTN: C.BELL

Page N er : 1-A
Total Pages : 2
Certificate Date: 25-AUG-93
Invoice No. : 19319353
P.O. Number : 05-428
Account : KAVA

CERTIFICATE OF ANALYSIS A9319353

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 ppm	K %	La ppm	Mg %	Mn ppm
VR5559 A	205	274	10	0.2	2.36	< 2	330	< 0.5	< 2	0.32	< 0.5	20	64	189	3.68	< 10	< 1	0.36	< 10	2.08	345
VR5560 A	205	274	5	< 0.2	0.62	< 2	30	< 0.5	< 2	0.01	< 0.5	35	1675	38	1.98	< 10	< 1	0.05	< 10	2.23	335
VR5561 A	205	274	< 5	0.6	0.20	< 2	1180	< 0.5	< 2	< 0.01	< 0.5	< 1	111	5	0.76	< 10	< 1	0.20	20	0.03	15
VR5562 A	205	274	< 5	< 0.2	0.91	6	190	< 0.5	< 2	0.01	< 0.5	1	164	< 1	1.36	< 10	< 1	0.14	< 10	0.85	170

CERTIFICATION: Hart Bichler

CERTIFICATE OF ANALYSIS A9319353

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
VR5559 A	205	274	< 1	0.02	9	450	< 2	2	2	12	0.12	20	< 10	79	< 10	48
VR5560 A	205	274	< 1	< 0.01	555	20	< 2	< 2	6	< 1	< 0.01	20	< 10	31	40	10
VR5561 A	205	274	5	0.01	4	40	18	< 2	< 1	15	< 0.01	10	< 10	1	< 10	2
VR5562 A	205	274	1	< 0.01	8	80	< 2	< 2	< 1	2	< 0.01	10	< 10	1	< 10	18

CERTIFICATION: Hart Bichler

APPENDIX C

Soil Sample Descriptions

Soil Sample Descriptions: List of Abreviations

PROJECT (PROJ.)

LS Lonestar *KG* Klondike Gold

SAMPLER

__ Sampler's Initials

SAMPLE TYPE (TYPE)

SL Soil

ORGANIC CONTENT (ORG)

__ Given as %

SOIL HORIZON (HOR)

Based upon USGS classification

1)Organic Soils

O Organic (humic to fibric organic layer)

2) Mineral Soils

A Zone of clay and sequioxide depletion and/or insitu organic carbon concentration.

B Zone of sequioxide, organic carbon, and clay enrichment

C Mineral soil unefected by the above pedogenic processes

R Insitu weathered rock (too hard to break with hands)

COLOR

BK	Black	*BL*	Blue
BN	Brown	*BF*	Buff
GY	Grey	*OL*	Olive
OR	Orange	*PP*	Purple
RD	Red	*TA*	Tan
WT	White	*YW*	Yellow

DEPTH

Given in centimetres

CLAY CONTENT

L Low *M* Medium *H* High

SAMPLE#	CERTIF. #	PROJ.	PROPERTY	UTM N	UTM E	CLAIM	DATE	SAMPLER	TYPE	ORG	HOR	COLOUR	DEPTH	CLAY	MOISTURE	COMMENTS
VR3595A	A9317069	KG	GBC	7,094,251	599,761	GBC 8	6/21/93	KC	SL	NA	B	BN-RD	10	L	DRY	
VR3596A	A9317069	KG	GBC	7,094,207	599,774	GBC 8	6/21/93	KC	SL	NA	B	BN-RD	15	L	DRY	
VR3597A	A9317069	KG	GBC	7,094,165	599,802	GBC 9	6/21/93	KC	SL	NA	B	BN-RD	15	M-L	DRY	
VR3598A	A9317069	KG	GBC	7,094,117	599,821	GBC 9	6/21/93	KC	SL	NA	NA	BN	20	M-L	MOIST	
VR3599A	A9317069	KG	GBC	7,094,069	599,847	GBC 9	6/21/93	KC	SL	NA	B	BN-RD	20	L	DRY	
VR3600A	A9317069	KG	GBC	7,094,028	599,868	GBC 9	6/21/93	KC	SL	NA	B	LT-BN	20	L	DRY	
VR3601A	A9317069	KG	GBC	7,093,991	599,888	GBC 9	6/21/93	KC	SL	NA	B	LT-BN	15	L	DRY	
VR3602A	A9317069	KG	GBC	7,093,942	599,914	GBC 9	6/21/93	KC	SL	NA	B	GY-BN	25	L	DRY	
VR3603A	A9317069	KG	GBC	7,093,894	599,939	GBC 9	6/21/93	KC	SL	NA	B	GY	15	H	DRY	
VR3604A	A9317069	KG	GBC	7,093,851	599,961	GBC 9	6/21/93	KC	SL	NA	NA	BN-GY	20	H	WET	
VR3605A	A9317069	KG	GBC	7,093,803	599,987	GBC 9	6/21/93	KC	SL	NA	B	GY	35	H	WET	
VR3606A	A9317069	KG	GBC	7,093,762	600,009	GBC 11	6/21/93	KC	SL	NA	B	GY	30	H	WET	
VR3607A	A9317069	KG	GBC	7,093,720	600,031	GBC 11	6/21/93	KC	SL	NA	B	GY-BN	30	H	WET	
VR3608A	A9317069	KG	GBC	7,093,675	600,056	GBC 11	6/21/93	KC	SL	NA	B	BN	25	H-M	MOIST	
VR3609A	A9317069	KG	GBC	7,093,634	600,076	GBC 11	6/21/93	KC	SL	NA	B	LT-BN	25	H	WET	
VR3610A	A9317069	KG	GBC	7,093,584	600,102	GBC 11	6/21/93	KC	SL	NA	B	BN-GY	20	L	WET	
VR3611A	A9317069	KG	GBC	7,093,541	600,125	GBC 11	6/21/93	KC	SL	NA	B	LT-BN	25	M-L	WET	
VR3612A	A9317069	KG	GBC	7,093,496	600,149	GBC 11	6/21/93	KC	SL	NA	B	GY	25	H	WET	
VR3613A	A9317069	KG	GBC	7,093,453	600,172	GBC 11	6/21/93	KC	SL	NA	B	LT-BN	15	L	DRY	LIGHT SAND
VR3614A	A9317069	KG	GBC	7,093,368	600,217	GBC 11	6/21/93	KC	SL	NA	NA	NA	NA	NA	NA	
VR3615A	A9317069	KG	GBC	7,093,319	600,242	GBC 11	6/22/93	KC	SL	NA	B	GY-BN	25	H	WET	
VR3616A	A9317069	KG	GBC	7,093,282	600,262	GBC 13	6/22/93	KC	SL	NA	NA	GY-BN	25	H	WET	
VR3617A	A9317069	KG	GBC	7,093,235	600,286	GBC 13	6/22/93	KC	SL	NA	B	GY	25	H-M	WET	
VR3618A	A9317069	KG	GBC	7,093,189	600,311	GBC 24	6/22/93	KC	SL	NA	B	GY	25	H	WET	PERMAFROST
VR3619A	A9317069	KG	GBC	7,093,147	600,333	GBC 24	6/22/93	KC	SL	NA	AB	BN-GY	25	H	WET	PERMAFROST
VR3620A	A9317069	KG	GBC	7,093,106	600,355	GBC 24	6/22/93	KC	SL	NA	B	OR-BN	30	H	WET	PERMAFROST
VR3621A	A9317069	KG	GBC	7,093,056	600,381	GBC 24	6/22/93	KC	SL	NA	B	GY	30	H	WET	PERMAFROST
VR3622A	A9317069	KG	GBC	7,093,017	600,402	GBC 24	6/22/93	KC	SL	NA	B	BN	25	H	WET	
VR3623A	A9317069	KG	GBC	7,092,978	600,422	GBC 24	6/22/93	KC	SL	NA	B	BN	20	H	WET	
VR3624A	A9317069	KG	GBC	7,092,927	600,449	GBC 24	6/22/93	KC	SL	NA	B	BN-RD	20	H-M	WET	
VR3625A	A9317069	KG	GBC	7,092,878	600,476	GBC 24	6/22/93	KC	SL	NA	B	BN	25	M	MOIST	
VR3626A	A9317069	KG	GBC	7,092,829	600,500	GBC 26	6/22/93	KC	SL	NA	B	BN	25	M	MOIST	
VR3627A	A9317069	KG	GBC	7,092,788	600,522	GBC 26	6/22/93	KC	SL	NA	B	BN-GY	20	M	MOIST	
VR3628A	A9317069	KG	GBC	7,092,744	600,545	GBC 26	6/22/93	KC	SL	NA	B	BN-GY	25	H	WET	
VR3629A	A9317069	KG	GBC	7,092,694	600,572	GBC 26	6/22/93	KC	SL	NA	B	BN-GY	20	M	WET	
VR3630A	A9317069	KG	GBC	7,092,656	600,592	GBC 26	6/22/93	KC	SL	NA	B	BN	25	H	WET	
VR3631A	A9317069	KG	GBC	7,092,612	600,615	GBC 26	6/22/93	KC	SL	NA	B	BN-GN	20	H-M	MOIST	
VR3632A	A9317069	KG	GBC	7,092,563	600,641	GBC 26	6/22/93	KC	SL	NA	B	BN	20	H-M	MOIST	
VR3633A	A9317069	KG	GBC	7,092,513	600,667	GBC 26	6/22/93	KC	SL	NA	B	BN	20	H	WET	
VR3634A	A9317069	KG	GBC	7,092,479	600,685	GBC 26	6/22/93	KC	SL	NA	B	BN	15	L	DRY	
VR3635A	A9317069	KG	GBC	7,092,433	600,709	GBC 26	6/22/93	KC	SL	NA	B	BN	20	L	DRY	
VR3636A	A9317069	KG	GBC	7,092,391	600,732	GBC 28	6/22/93	KC	SL	NA	B	BN-RD	20	L	DRY	
VR3637A	A9317069	KG	GBC	7,092,340	600,758	GBC 29	6/22/93	KC	SL	NA	NA	BN	20	M	DRY	
VR3638A	A9317069	KG	GBC	7,092,303	600,778	GBC 29	6/22/93	KC	SL	NA	B	RD-BN	20	L	DRY	
VR3639A	A9317069	KG	GBC	7,092,260	600,801	GBC 29	6/22/93	KC	SL	NA	B	OR-BN	15	L	MOIST	
VR3640A	A9317069	KG	GBC	7,092,213	600,826	GBC 29	6/22/93	KC	SL	NA	B	BN-RD	20	M-L	DRY	
VR3641A	A9317069	KG	GBC	7,092,165	600,851	GBC 29	6/22/93	KC	SL	NA	B	RD-BN	10	L	DRY	
VR3642A	A9317069	KG	GBC	7,092,124	600,873	GBC 29	6/22/93	KC	SL	NA	B	OR-BN	10	M-L	MOIST	
VR3643A	A9317069	KG	GBC	7,092,076	600,898	GBC 29	6/22/93	KC	SL	NA	B	OR-BN	15	L	DRY	
VR3644A	A9317069	KG	GBC	7,092,037	600,918	GBC 29	6/22/93	KC	SL	NA	B	LT-BN	10	L	DRY	
VR3645A	A9317069	KG	GBC	7,091,992	600,942	GBC 29	6/22/93	KC	SL	NA	B	BN-GN	15	M-L	DRY	

APPENDIX D

Analytical Certificates - Soil Samples

Chemex Labs Ltd.

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

To: KENNECOTT CANADA, INC.

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

Comments: ATTN: A.DOYLE

CERTIFICATE

KENNECOTT CANADA, INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-FEB-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201		Dry, sieve to -80 mesh
203		Dry, sieve to -35 mesh
205		Geochem ring to approx 150 mesh
229		ICP - AQ Digestion charge
274		0-15 lb crush and split
* 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		Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118		Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
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2120		As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121		Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122		Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123		Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124		Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125		Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126		Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127		Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128		Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150		Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130		Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131		Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132		K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151		La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134		Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135		Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136		Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137		Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138		Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139		P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140		Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141		Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142		Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143		Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144		Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145		Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146		U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147		V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148		W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149		Zn ppm: 32 element, soil & rock	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

KENNECOTT CANADA, INC.

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

Project : GBC
Comments: ATTN: A.DOYLE

Page Number :1-A
Total Pages :4
Certificate Date: 19-JUL-93
Invoice No. :19317069
P.O. Number :05-428
Account :KAVA

CERTIFICATE OF ANALYSIS A9317069

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 ppm	K %	La ppm	Mg %	Mn ppm
VR 3595 A	201	229	< 5	< 0.2	2.24	10	140	< 0.5	< 2	0.36	< 0.5	18	48	75	2.95	< 10	< 1	0.03	10	1.54	305
VR 3596 A	201	229	< 5	< 0.2	2.09	8	160	< 0.5	< 2	0.26	< 0.5	17	33	57	3.56	< 10	< 1	0.03	10	0.83	245
VR 3597 A	201	229	< 5	< 0.2	2.20	12	310	0.5	< 2	0.16	< 0.5	12	40	35	2.93	< 10	< 1	0.04	10	0.65	205
VR 3598 A	201	229	< 5	< 0.2	1.84	14	250	< 0.5	< 2	0.12	< 0.5	9	34	13	2.64	< 10	< 1	0.04	10	0.44	190
VR 3599 A	201	229	< 5	< 0.2	1.01	< 2	120	< 0.5	< 2	0.16	< 0.5	7	28	11	1.72	< 10	< 1	0.04	10	0.53	180
VR 3600 A	201	229	< 5	< 0.2	1.76	8	320	< 0.5	2	0.14	< 0.5	13	39	20	2.62	< 10	< 1	0.06	10	0.62	2010
VR 3601 A	201	229	< 5	< 0.2	1.13	8	170	< 0.5	2	0.15	< 0.5	6	35	10	1.99	< 10	< 1	0.04	10	0.54	160
VR 3602 A	201	229	< 5	< 0.2	0.87	2	100	< 0.5	< 2	0.17	< 0.5	2	18	3	1.16	< 10	< 1	0.03	10	0.29	80
VR 3603 A	201	229	< 5	< 0.2	1.55	12	240	< 0.5	2	0.32	< 0.5	6	46	18	2.11	< 10	< 1	0.04	10	0.49	100
VR 3604 A	201	229	< 5	< 0.2	1.64	14	280	< 0.5	< 2	0.38	< 0.5	13	134	41	2.61	< 10	< 1	0.06	20	1.10	270
VR 3605 A	201	229	< 5	< 0.2	1.24	< 2	140	< 0.5	< 2	0.33	< 0.5	9	105	25	2.01	< 10	< 1	0.03	10	1.03	170
VR 3606 A	201	229	< 5	< 0.2	1.49	2	160	< 0.5	< 2	0.35	< 0.5	8	60	47	2.11	< 10	< 1	0.03	10	0.67	135
VR 3607 A	201	229	< 5	< 0.2	1.31	< 2	170	< 0.5	< 2	0.37	< 0.5	7	37	36	2.16	< 10	< 1	0.04	10	0.60	170
VR 3608 A	201	229	< 5	< 0.2	1.83	2	180	< 0.5	< 2	0.39	< 0.5	10	60	49	2.76	< 10	< 1	0.06	10	1.07	245
VR 3609 A	201	229	< 5	< 0.2	1.49	12	210	< 0.5	2	0.32	< 0.5	11	43	35	2.50	< 10	< 1	0.04	20	0.68	220
VR 3610 A	201	229	< 5	< 0.2	1.62	10	160	< 0.5	< 2	0.54	< 0.5	11	61	39	2.77	< 10	< 1	0.17	10	0.87	260
VR 3611 A	201	229	< 5	< 0.2	1.91	8	140	< 0.5	< 2	0.38	< 0.5	15	326	27	2.73	< 10	< 1	0.03	10	1.40	280
VR 3612 A	201	229	< 5	< 0.2	1.56	4	150	< 0.5	< 2	0.51	< 0.5	11	62	31	2.42	< 10	< 1	0.02	10	0.93	210
VR 3613 A	201	229	< 5	< 0.2	1.43	12	110	< 0.5	< 2	0.42	< 0.5	9	71	35	2.34	< 10	< 1	0.02	10	1.00	230
VR 3614 A	201	229	< 5	< 0.2	1.52	4	200	< 0.5	< 2	0.34	< 0.5	10	105	23	2.17	< 10	< 1	0.02	10	0.97	195
VR 3615 A	201	229	10	< 0.2	1.78	16	240	< 0.5	< 2	0.47	< 0.5	13	149	36	2.64	< 10	1	0.06	10	1.12	320
VR 3616 A	201	229	< 5	< 0.2	1.72	8	240	< 0.5	< 2	0.39	< 0.5	12	91	25	2.29	< 10	< 1	0.02	10	0.82	220
VR 3617 A	201	229	< 5	< 0.2	1.49	2	190	< 0.5	< 2	0.42	< 0.5	10	55	31	2.19	< 10	< 1	0.01	10	0.82	190
VR 3618 A	201	229	< 5	< 0.2	1.79	12	250	< 0.5	< 2	0.38	< 0.5	19	58	29	2.56	< 10	1	0.02	10	0.86	765
VR 3619 A	201	229	< 5	0.4	3.49	24	460	0.5	< 2	0.62	< 0.5	19	78	93	4.04	10	< 1	0.03	10	0.72	580
VR 3620 A	201	229	< 5	< 0.2	1.77	16	230	< 0.5	< 2	0.39	< 0.5	11	48	38	2.66	< 10	< 1	0.02	10	0.78	225
VR 3621 A	201	229	< 5	< 0.2	1.68	14	180	< 0.5	< 2	0.46	< 0.5	12	50	38	2.61	< 10	< 1	0.02	10	0.94	245
VR 3622 A	201	229	< 5	< 0.2	2.19	20	140	< 0.5	< 2	0.33	< 0.5	14	61	36	3.20	< 10	< 1	0.02	10	0.90	295
VR 3623 A	201	229	< 5	< 0.2	2.03	14	120	< 0.5	2	0.28	< 0.5	10	52	37	2.92	< 10	< 1	0.02	10	0.85	235
VR 3624 A	201	229	< 5	< 0.2	2.13	14	80	< 0.5	< 2	0.28	< 0.5	12	70	37	3.24	< 10	1	0.01	10	1.10	280
VR 3625 A	201	229	< 5	< 0.2	1.89	12	110	< 0.5	< 2	0.43	< 0.5	10	60	32	2.82	< 10	< 1	0.02	10	0.95	270
VR 3626 A	201	229	< 5	< 0.2	1.74	2	60	< 0.5	< 2	0.37	< 0.5	12	70	26	2.62	< 10	< 1	0.02	10	0.98	230
VR 3627 A	201	229	< 5	< 0.2	1.64	8	120	< 0.5	< 2	0.19	< 0.5	9	41	20	2.49	< 10	< 1	0.03	10	0.57	205
VR 3628 A	201	229	< 5	< 0.2	1.54	6	60	< 0.5	< 2	0.37	< 0.5	10	52	32	2.45	< 10	< 1	0.01	< 10	1.06	200
VR 3629 A	201	229	< 5	< 0.2	1.26	6	70	< 0.5	< 2	0.26	< 0.5	7	36	16	1.89	< 10	< 1	0.02	10	0.62	130
VR 3630 A	201	229	< 5	< 0.2	1.96	12	30	< 0.5	< 2	0.43	< 0.5	15	95	23	3.25	< 10	< 1	0.01	< 10	1.39	365
VR 3631 A	201	229	< 5	< 0.2	1.91	2	110	< 0.5	< 2	0.22	< 0.5	12	83	19	2.45	< 10	< 1	0.03	10	0.88	205
VR 3632 A	201	229	< 5	< 0.2	2.12	12	140	< 0.5	< 2	0.17	< 0.5	11	37	25	3.11	< 10	< 1	0.03	10	0.51	205
VR 3633 A	201	229	< 5	< 0.2	1.61	8	70	< 0.5	< 2	0.25	< 0.5	9	82	25	2.07	< 10	< 1	0.02	10	1.00	170
VR 3634 A	201	229	< 5	< 0.2	2.16	10	220	< 0.5	< 2	0.17	< 0.5	11	72	26	3.14	< 10	< 1	0.04	10	0.73	280

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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: KENNECOTT CANADA, INC.

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

Project : GBC
Comments: ATTN: A.DOYLE

Certificate Date: 19-JUL-93
Invoice No. : 19317069
P.O. Number : 05-428
Account : KAVA

CERTIFICATE OF ANALYSIS A9317069

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
VR 3595 A	201	229	< 1	< 0.01	29	340	4	< 2	6	18	0.15	< 10	< 10	84	< 10	62
VR 3596 A	201	229	< 1	< 0.01	21	300	8	< 2	4	14	0.17	< 10	< 10	92	< 10	60
VR 3597 A	201	229	< 1	< 0.01	31	180	14	< 2	4	12	0.09	< 10	< 10	64	< 10	64
VR 3598 A	201	229	< 1	< 0.01	20	270	14	< 2	3	11	0.07	< 10	< 10	55	< 10	50
VR 3599 A	201	229	< 1	< 0.01	18	310	12	< 2	2	10	0.04	< 10	< 10	31	< 10	40
VR 3600 A	201	229	< 1	< 0.01	30	610	16	< 2	4	13	0.04	< 10	< 10	54	< 10	78
VR 3601 A	201	229	< 1	< 0.01	20	290	12	< 2	2	9	0.04	< 10	< 10	41	< 10	36
VR 3602 A	201	229	< 1	< 0.01	9	240	6	< 2	1	11	0.04	< 10	< 10	28	< 10	24
VR 3603 A	201	229	< 1	< 0.01	36	440	12	< 2	3	23	0.06	< 10	< 10	39	< 10	50
VR 3604 A	201	229	< 1	0.01	88	610	16	< 2	6	22	0.09	< 10	< 10	51	< 10	56
VR 3605 A	201	229	< 1	0.01	62	540	12	< 2	3	17	0.09	< 10	< 10	42	< 10	48
VR 3606 A	201	229	< 1	< 0.01	32	500	8	< 2	4	18	0.11	< 10	< 10	45	< 10	40
VR 3607 A	201	229	< 1	< 0.01	23	570	4	< 2	6	20	0.09	< 10	< 10	51	< 10	42
VR 3608 A	201	229	< 1	< 0.01	32	470	4	< 2	6	19	0.08	< 10	< 10	59	< 10	60
VR 3609 A	201	229	< 1	0.01	25	560	4	< 2	4	20	0.09	< 10	< 10	46	< 10	60
VR 3610 A	201	229	< 1	0.01	27	850	2	< 2	6	21	0.16	< 10	< 10	76	< 10	54
VR 3611 A	201	229	< 1	< 0.01	102	410	2	< 2	4	18	0.15	< 10	< 10	63	10	46
VR 3612 A	201	229	< 1	< 0.01	29	710	4	< 2	3	21	0.15	< 10	< 10	53	< 10	46
VR 3613 A	201	229	< 1	< 0.01	31	690	4	< 2	3	15	0.13	< 10	< 10	52	< 10	56
VR 3614 A	201	229	< 1	< 0.01	51	490	4	< 2	3	17	0.10	< 10	< 10	44	< 10	44
VR 3615 A	201	229	< 1	0.01	64	550	6	< 2	5	23	0.14	< 10	< 10	58	< 10	56
VR 3616 A	201	229	< 1	< 0.01	40	520	8	< 2	4	20	0.10	< 10	< 10	45	< 10	48
VR 3617 A	201	229	< 1	< 0.01	26	490	4	< 2	3	18	0.13	< 10	< 10	44	< 10	46
VR 3618 A	201	229	< 1	< 0.01	27	500	8	< 2	4	17	0.09	< 10	< 10	44	< 10	50
VR 3619 A	201	229	< 1	0.01	45	1190	14	< 2	9	36	0.05	< 10	< 10	68	< 10	64
VR 3620 A	201	229	< 1	< 0.01	26	700	8	< 2	4	19	0.09	< 10	< 10	50	< 10	56
VR 3621 A	201	229	< 1	< 0.01	28	700	6	< 2	3	17	0.14	< 10	< 10	52	< 10	54
VR 3622 A	201	229	< 1	< 0.01	32	330	14	< 2	4	14	0.17	< 10	< 10	65	< 10	54
VR 3623 A	201	229	< 1	< 0.01	27	280	8	2	4	12	0.16	< 10	< 10	62	< 10	54
VR 3624 A	201	229	< 1	< 0.01	32	210	4	< 2	4	9	0.20	< 10	< 10	69	< 10	56
VR 3625 A	201	229	< 1	< 0.01	28	270	8	2	3	14	0.20	< 10	< 10	63	< 10	50
VR 3626 A	201	229	< 1	< 0.01	33	280	< 2	< 2	2	11	0.26	< 10	< 10	54	< 10	40
VR 3627 A	201	229	< 1	< 0.01	21	200	8	< 2	3	12	0.11	< 10	< 10	52	< 10	44
VR 3628 A	201	229	< 1	< 0.01	28	250	8	< 2	3	9	0.27	< 10	< 10	62	< 10	38
VR 3629 A	201	229	< 1	< 0.01	16	300	6	2	3	11	0.16	< 10	< 10	49	< 10	32
VR 3630 A	201	229	< 1	< 0.01	45	340	8	2	2	17	0.33	< 10	< 10	64	< 10	48
VR 3631 A	201	229	< 1	< 0.01	39	210	6	< 2	3	10	0.14	< 10	< 10	43	< 10	36
VR 3632 A	201	229	< 1	0.01	20	170	16	< 2	4	11	0.13	< 10	< 10	71	< 10	46
VR 3633 A	201	229	< 1	< 0.01	37	150	6	< 2	2	10	0.18	< 10	< 10	40	< 10	32
VR 3634 A	201	229	< 1	< 0.01	48	160	12	< 2	5	14	0.06	< 10	< 10	58	< 10	60

CERTIFICATION: Stuart Buchler

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KENNECOTT CANADA, INC.
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Project : GBC
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Page Nu. :2-A
Total Pages :4
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CERTIFICATE OF ANALYSIS A9317069

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 ppm	K %	La ppm	Mg %	Mn ppm
VR 3635 A	201	229	< 5	< 0.2	1.11	2	180	< 0.5	< 2	0.07	< 0.5	3	15	3	1.51	< 10	< 1	0.04	20	0.20	105
VR 3636 A	201	229	< 5	< 0.2	1.11	4	140	< 0.5	< 2	0.03	< 0.5	3	12	8	1.60	< 10	< 1	0.07	20	0.19	85
VR 3637 A	201	229	< 5	0.2	2.41	6	310	< 0.5	< 2	0.10	< 0.5	11	38	16	3.07	< 10	< 1	0.05	10	0.45	390
VR 3638 A	201	229	< 5	0.2	1.82	20	360	< 0.5	< 2	0.08	< 0.5	8	28	30	3.52	< 10	< 1	0.08	10	0.39	200
VR 3639 A	201	229	< 5	0.2	1.00	10	150	< 0.5	< 2	0.01	< 0.5	7	13	22	2.06	< 10	< 1	0.06	10	0.09	85
VR 3640 A	201	229	< 5	0.2	2.05	22	320	< 0.5	2	0.08	< 0.5	8	37	20	3.00	< 10	< 1	0.06	10	0.51	225
VR 3641 A	201	229	< 5	0.4	2.71	16	190	< 0.5	< 2	0.07	< 0.5	6	104	18	3.54	10	< 1	0.07	30	1.45	325
VR 3642 A	201	229	< 5	0.2	2.67	30	270	< 0.5	< 2	0.08	< 0.5	11	43	19	3.82	< 10	< 1	0.05	10	1.09	345
VR 3643 A	201	229	< 5	0.2	2.38	22	380	< 0.5	< 2	0.13	< 0.5	14	38	31	3.69	< 10	< 1	0.06	10	0.40	865
VR 3644 A	201	229	< 5	< 0.2	2.57	16	210	< 0.5	< 2	0.13	< 0.5	9	48	23	3.23	< 10	< 1	0.03	10	0.61	260
VR 3645 A	201	229	< 5	< 0.2	1.90	4	70	< 0.5	< 2	0.12	< 0.5	14	207	47	1.69	< 10	< 1	0.01	< 10	1.52	175

CERTIFICATION: Ian Bichler

CERTIFICATE OF ANALYSIS A9317069

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
VR 3635 A	201	229	< 1	< 0.01	7	150	14	< 2	1	7	0.03	< 10	< 10	30	< 10	24
VR 3636 A	201	229	< 1	< 0.01	6	130	18	< 2	2	5	0.01	< 10	< 10	20	< 10	34
VR 3637 A	201	229	< 1	< 0.01	16	270	20	< 2	4	11	0.07	< 10	< 10	65	< 10	72
VR 3638 A	201	229	2	0.01	18	510	58	< 2	2	15	0.04	< 10	< 10	41	< 10	68
VR 3639 A	201	229	1	< 0.01	9	390	16	< 2	1	2	< 0.01	< 10	< 10	9	< 10	28
VR 3640 A	201	229	1	< 0.01	18	310	44	2	4	12	0.04	< 10	< 10	50	< 10	92
VR 3641 A	201	229	1	< 0.01	13	370	24	< 2	4	27	0.08	< 10	< 10	60	< 10	102
VR 3642 A	201	229	1	< 0.01	21	330	16	< 2	4	8	0.06	< 10	< 10	60	< 10	80
VR 3643 A	201	229	< 1	< 0.01	35	460	16	< 2	4	12	0.03	< 10	< 10	67	< 10	68
VR 3644 A	201	229	< 1	< 0.01	20	250	12	< 2	4	13	0.07	< 10	< 10	67	< 10	52
VR 3645 A	201	229	< 1	< 0.01	92	70	2	< 2	2	6	0.08	< 10	< 10	26	< 10	26

CERTIFICATION: Ian Bichler

needs approval COPY

YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE

NAME(S): Envoldsen
MINFILE #: 115O 120
MAJOR COMMODITIES: -
MINOR COMMODITIES: -
TECTONIC ELEMENT: Slide Mountain Terrane
NTS MAP SHEET: 115 O 15
LATITUDE: 63°58'08"N
LONGITUDE: 138°57'35"W
DEPOSIT TYPE: Unknown
STATUS: Uncertain

CLAIMS (PREVIOUS AND CURRENT)

ASBESTOS, HUN, GBC

WORK HISTORY

Staked as Asbestos cl (57708) in Oct/51 by F.E. Envoldsen. Restaked as Hun cl (YA79929) in Jun/84 by a joint venture between United Keno Hill ML and Falconbridge L, which explored with mapping, geochem and VLF-EM surveys in 1987.

Arbor Resources tied on 29 GBC cl (YB41348) southeast of the Hun group in Aug/92. The GBC 1-29 cl were transferred to Klondike King Gold Corp. in Jan/93, and to Kennecott Canada Inc. in May/93 as part of an option agreement. Kennecott Canada Inc. performed a limited soil geochemical survey on the GBC claims in Aug/93.

GEOLOGY

The 1951 claims are underlain by sericite and chlorite schist of Permian age (Klondike Schist) and were reportedly staked on an unmapped ultramafic body.

The 1993 soil sampling returned one sample which was slightly anomalous in gold.

REFERENCES

KENNECOTT CANADA INC., May/94. Assessment Report #093207 by R. Cranswick and A. Doyle.

YUKON EXPLORATION 1985-86, p. 371.