

DOCUMENT NO: 0932154
MINING DISTRICT: DAWSON
TYPE OF WORK: DRILL LOGS

TYPE OF WORK: DRILL LOGS

DATE FILED: JUNE 27, 1994

AREA: UPPER BONANZA CREEK

VALUE \$: 43,700

WORK DONE FOR: ARBOR RESOURCES INCORPORATED

REMARKS: 27 HOLES DRILLED, ONLY 10 REPORTED FOR ASSESMENT - 691.3M.

1993 ASSESSMENT REPORT
FOR DRILLING ON THE
LONE STAR PROPERTY, KLONDIKE DISTRICT



DAWSON MINING DISTRICT, YUKON TERRITORY

NTS MAPSHEET 1150/14
LATITUDE: 63°54'N
LONGITUDE: 139°14'W

Work Conducted: April 13 - May 10, 1993

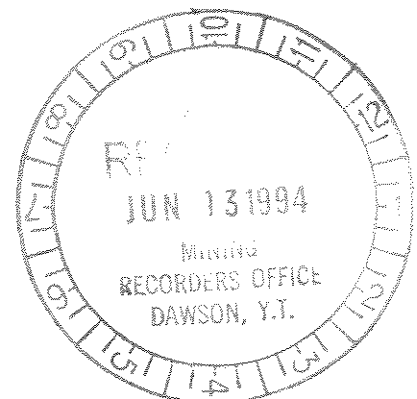
0932124

OWNER:

Arbor Resources Inc.,
1000 - 675 West Hastings Street
Vancouver, B.C.
V6B 1N6

OPERATOR:

Kennecott Canada Inc.
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June 12, 1994

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	1
2.0 LOCATION, ACCESS AND TOPOGRAPHY	1
3.0 PROPERTY STATUS	1
4.0 REGIONAL GEOLOGY	5
4.1 Tectonic Environment	
4.2 Stratigraphy	
5.0 1993 DRILL PROGRAM	8
5.1 Design of the Program	
5.2 Drilling, sampling and assaying procedures	
5.3 Gold assay results	
5.4 Alteration and veining	
5.5 Multi-element geochemistry	
6.0 PLANS FOR 1994	13
7.0 CONCLUSIONS	13
8.0 REFERENCES	14
STATEMENT OF COSTS	
APPENDICES	

LIST OF FIGURES

	<u>Page</u>
Figure 1 - Klondike Placer District	3
Figure 2 - Lone Star Quartz Claims	4
Figure 3 - Regional Geology	6
Figure 4 - 1993 Drill Hole Locations	10

LIST OF TABLES

	<u>Page</u>
Table 1 - List of Quartz claims	2
Table 2 - 1993 Drill Holes	9
Table 3 - Significant Intersections	12

APPENDICES

- Appendix A - Drill Logs
- Appendix B - Drill Sections
- Appendix C - Drilling Results

1.0 INTRODUCTION

This report describes drilling performed in 1993 by Kennecott Canada Inc. on the 52km² Lone Star property in the Klondike district of west central Yukon Territory. Although a total of 27 holes were drilled during the program, only 10 holes are reported here for assessment. It should also be noted that only 691.3m of the 750m total depth of the 10 holes are being used to apply assessment.

2.0 LOCATION, ACCESS AND TOPOGRAPHY

The Lone Star property is located approximately 20km southeast of Dawson City at latitude 63°54'N, longitude 133°14'W (Figure 1). Access to the northern edge of the property is provided by a gravel road which follows Bonanza Creek from its confluence with the Klondike River to its headwaters on the ridges west of King Solomon Dome. The road, which continues on to Hunker Creek and to several major tributaries of the Indian River, is passable by 2WD vehicles in summer and 4WD vehicles in spring and autumn. Access from this road to the remainder of the property is by unmetalled 4WD and ATV tracks. These tracks are susceptible to flooding, washouts, slurring due to thaw of permafrost and severe rutting due to vehicle transit. The tracks are impassable by wheeled vehicles in winter.

The property lies at elevations of between 450m and 1775m within the physiographic entity known as the Klondike Plateau. Relief is relatively subdued and comprises rounded hills, sinuous ridges and flatbottomed valleys formed by dissection of a deeply weathered Late Neogene peneplain. As Pleistocene continental glaciers failed to reach this area, the terrain is mantled by a variable thickness of permanently frozen Pleistocene peat ("black muck"), glaciogenic loess and airfall tephra derived from Quaternary volcanoes in southwest Yukon and southeastern Alaska. The peat deposits, which are a product of a prolonged Arctic paleoclimate, contain the skeletal remains of a diverse suite of Pleistocene megafauna as well as a palynomorph assemblage distinct from that associated with the present sub-Arctic climatic regime.

Annual thawing of the uppermost layer of permafrost, particularly on south-facing slopes, causes difficult ground conditions in early spring. Evidence of solifluction is common on steeper slopes and should be borne in mind when interpreting soil geochemical data. Geological fieldwork can normally be conducted within the property between mid May and late September when snow cover is absent.

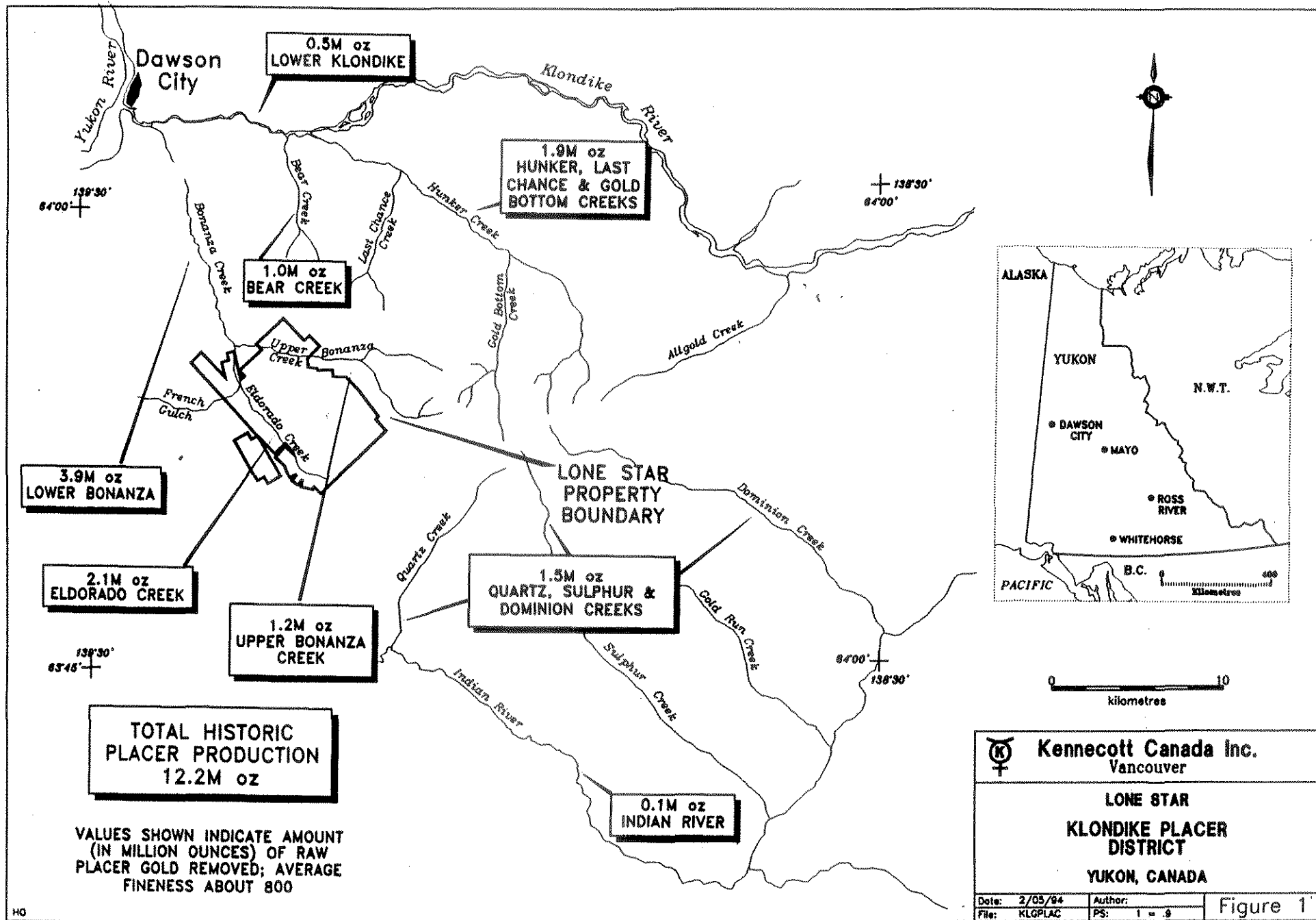
3.0 PROPERTY STATUS

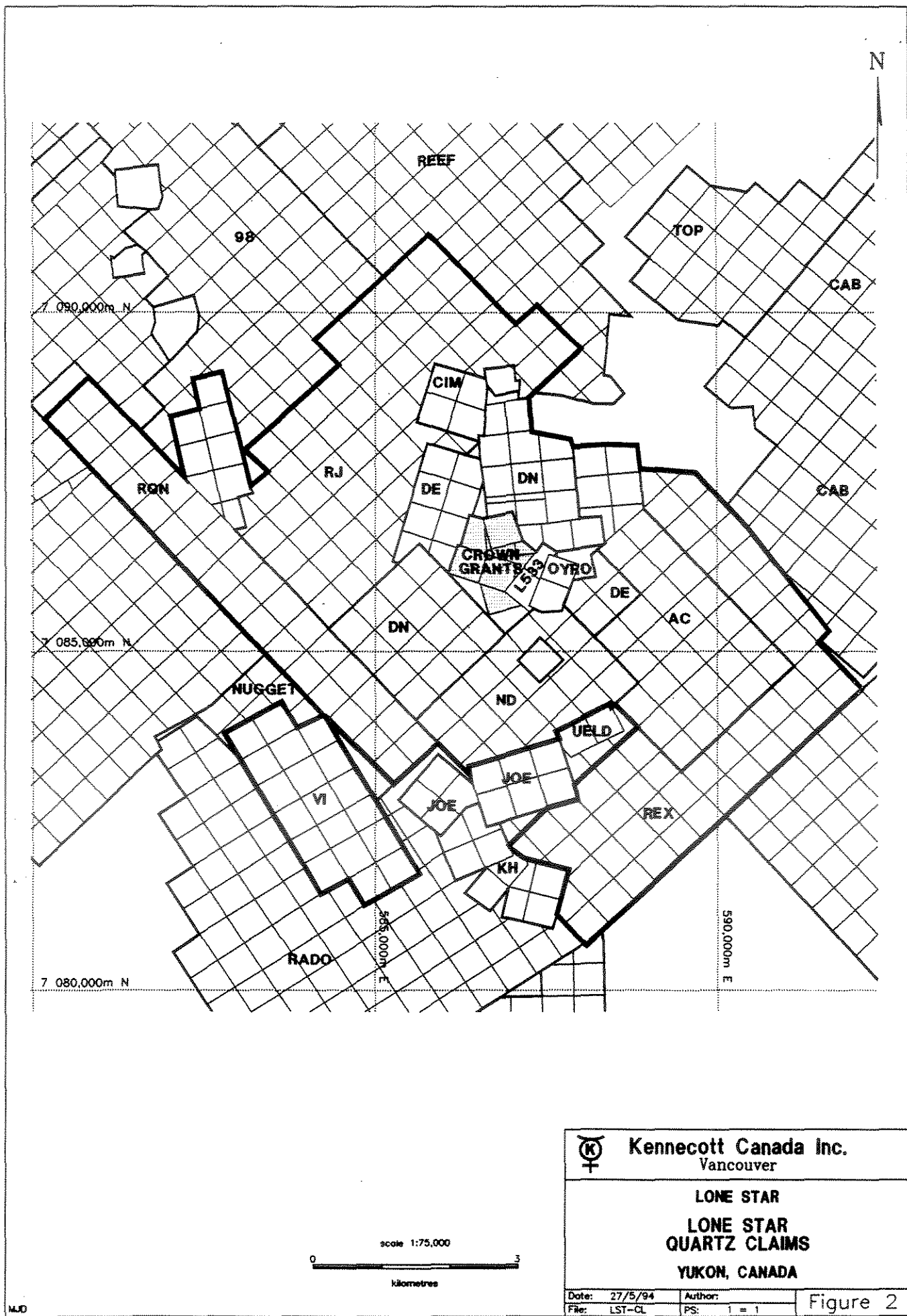
The Lone Star property is located in the Dawson Mining District of Yukon Territory. The property comprises 265 ungranted Quartz claims, 14 Crown Granted claims and 78

Placer claims totalling 5,200 hectares (Figure 2). Through an option agreement with Arbor Resources Inc., Kennecott has the option to earn an interest in the claims and operated the project in 1993. Table 1 provides a list of Lone Star claims and their expiry dates following filing of 1993 work.

TABLE 1 - LIST OF QUARTZ CLAIMS

Claim Name	Number	Record Number	Expiry Date
AC	1-10	YA 64270-79	12/31/2001
AC	11	YA 64281	12/31/2001
AC	12-35	YA 65627-50	12/31/2001
CIM	1-4	YA 64519-64522	12/31/2001
DE	1-14	YA 55250-263	12/31/2001
DN	1-2	YA 32783-4	12/31/2003
DN	3-9	YA 47890-96	12/31/2001
DN	10	YA 47082	12/31/2001
DN	11-26	YA 32946-61	12/31/2001
DN	27-31	YA 47083-87	12/31/2001
DN	32-33	YA 47604-5	12/31/2001
DN	F	YA 47088	12/31/2001
DN	1F-2F	YA 47090-91	12/31/2001
ND	1-22	YA 49724-45	12/31/2001
ND	F	YA 47089	12/31/2001
RJ	1-32	YA 64216-47	12/31/2001
RJ	39-60	YA 65595-616	12/31/2001
RJ	62	YA 65619	12/31/1997
RJ	63	YA 65619	12/31/1997
RJ	65-70	YA 65621-6	12/31/1997
RON	1-40	YA 10300-339	12/31/1997
REX	1-34	YA 84183-216	12/31/2000
REX	35	YA 84217	12/31/1997
REX	36-51	YA 84218-33	12/31/2000
VI	1-15	YA 55285-299	12/31/2000
VI	16	YA 65523	12/31/2000
VI	18	YA 65550-51	12/31/2000





Kennecott Canada Inc.
Vancouver

**LONE STAR
LONE STAR
QUARTZ CLAIMS
YUKON, CANADA**

Date: 27/5/94
File: LST-CL

Author:
PS: 1 = 1

Figure 2

4.0 REGIONAL GEOLOGY

4.1 Tectonic Environment

The Klondike district is located on the northeastern edge of the Paleozoic 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 Paleogene 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 Paleocene - Eocene magmatic event are present in both the Klondike district and the Grew Creek area 400km to the southeast.

4.2 Stratigraphy

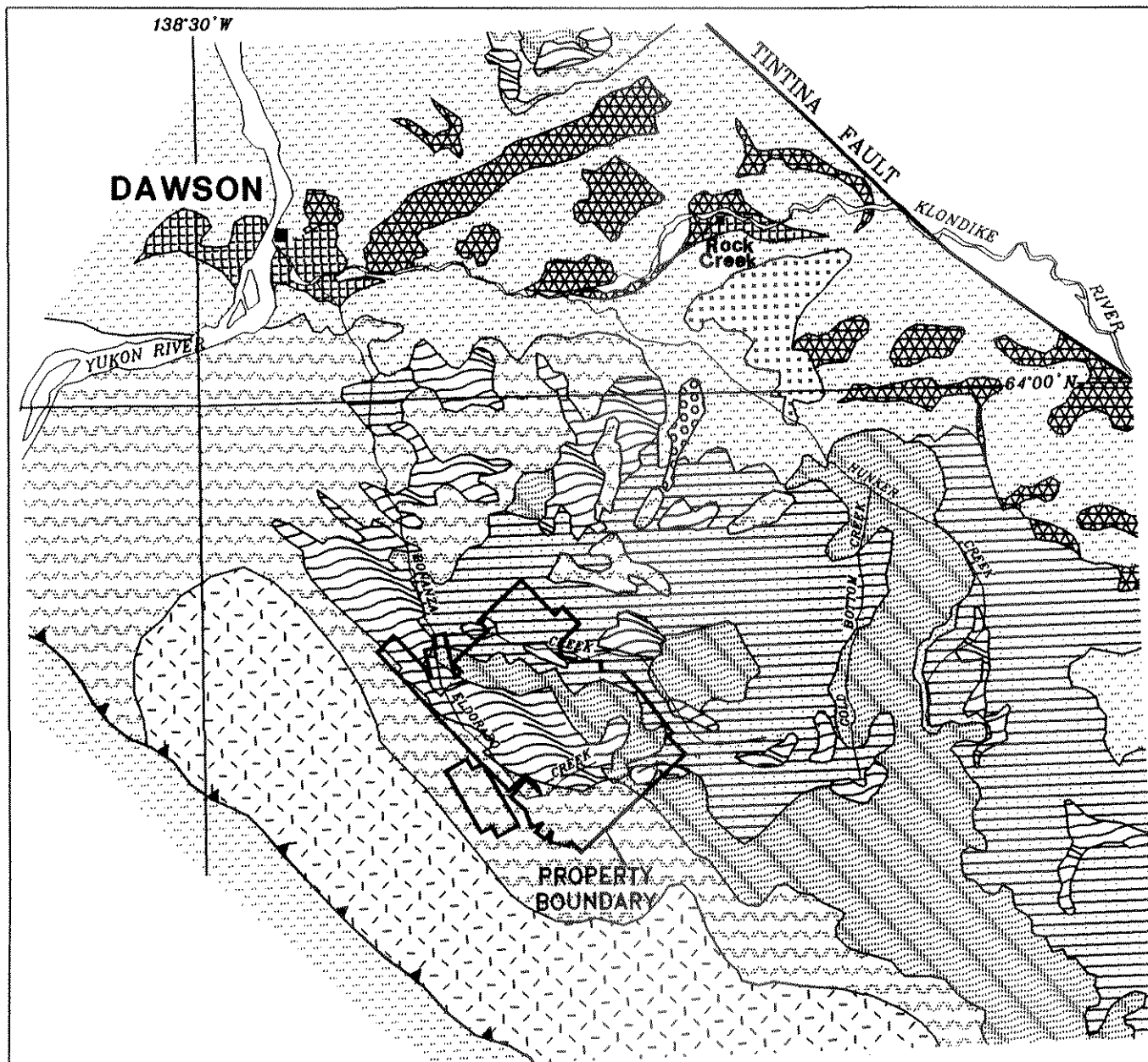
Brief descriptions of rock units found in the vicinity of the Lone Star claims are provided below, using the tectonostratigraphic nomenclature of Mortensen (1990) and the original stratigraphic nomenclature of McConnell (1905). Units are grouped into the Yukon-Tanana terrane, the Slide Mountain terrane 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 Paleozoic rock units. Mortensen (1990) has outlined three thrust-stacked assemblages within the terrane, two of which occur in the vicinity of the Lone Star property. One of these assemblages equates to the Nasina Series of McConnell (1905), the other to McConnell's (ibid.) Pelly Gneiss and Klondike Series.

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 Devonian-Mississippian age for the



OVERLAP ASSEMBLAGE

quartz-feldspar porphyry

volcanics and epiclastics

SLIDE MOUNTAIN TERRANE MOOSEHIDE GROUP

greenstone

serpentinite

YUKON-TANANA TERRANE KLONDIKE SERIES

felsic schist

quartz-augen schist

micaceous quartzite

chloritic schist

PELLY GNEISS

quartz monzonitic orthogneiss

NASINA SERIES

carbonaceous quartz-muscovite schist

scale 1:250,000

0 10
kilometres



Kennecott Canada Inc.
Vancouver

**LONE STAR
REGIONAL GEOLOGY**

YUKON, CANADA

Date: 13/05/94 Author: AD
File: KLGRGEO PS: 1 = 250

Figure 3

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-accretion 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 Paleocene 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 400km 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 DRILL PROGRAM

5.1 Design of the program

A twenty hole 1212m reverse circulation drilling program conducted on the Lone Star property by Kennecott in 1992 was designed to test continuity of mineralization in the immediate vicinity of the Lone Star mine workings (Kennecott Canada Inc., 1993). Results suggested the presence of structurally controlled, discontinuous and generally low grade lode gold mineralization.

The primary objective of the 1993 field program was to drill test an areally extensive soil gold anomaly defined previously by Arbor Resources Inc. and located downslope of the mine workings. However, the holes reported here for assessment were drilled in the Eldorado, Buckland and Gay Gulch areas. These holes outside of the Lone Star gold in soil anomaly were positioned on the basis of re-processed helicopter geophysical data. A single fence of four drill holes tested the magnetic gradient thought to reflect the Buckland Shear Zone. Additional reconnaissance drill holes tested a variety of geophysical target types including resistivity lows, resistivity discontinuities and magnetic gradients (Table 2). Drill hole locations are plotted on Figure 4, drill logs are provided in Appendix A and drill sections are located in Appendix B.

Table 2 - 1993 Drill Holes

Hole Number	ZONE	AZIMUTH	DIP	LENGTH (m)	TARGET
93-LS-15	Eldorado	270	-60	75	Resistivity Anomaly
93-LS-16	Eldorado	270	-60	75	Resistivity Anomaly
93-92-18	Eldorado	090	-60	75	Magnetic Gradient
93-LS-19	Eldorado	090	-60	75	Magnetic Gradient
93-LS-20	Buckland	064	-60	75	Magnetic Gradient
93-LS-21	Buckland	064	-60	75	Magnetic Gradient
93-LS-22	Buckland	064	-60	75	Magnetic Gradient
93-LS-23	Buckland	064	-60	75	Magnetic Gradient
93-LS-26	Gay Gulch	090	-60	75	Resistivity Anomaly
93-LS-27	Gay Gulch	090	-60	75	Resistivity Anomaly

5.2 Drilling, sampling and assaying procedures

Access roads and drill pads for the 1993 drill program were prepared using a D9 caterpillar supplied by Henry Gulch Placers of Dawson City. A Nodwell-mounted Schramm T450H air rotary drill (750CFM @ 350PSI) with a 4.5 inch centre-sampling drill stem was utilised for the drilling by Midnight Sun Drilling Co. Ltd. of Whitehorse.

The drill program commenced on April 13th in the face of an unexpectedly early spring break-up. Difficult ground conditions compounded by steep slopes led to the relatively frequent use of the D9 caterpillar for winching the Nodwell-mounted rig out of difficulty. The higher than anticipated support costs led to a reduction in the total meterage which could be drilled with the available funds. The resulting 2084m 27 hole program was completed on May 10th.

Rock chips returned to surface by the drill rig were up to 25mm in size and compared favourably with the coarse sand grade material produced during the 1992 drill program by Midnight Sun's equipped with a conventional drill stem. Duplicate samples (two 25% splits) representing continuous five foot intervals were collected from the Jones splitter mounted beneath the cyclone. One of each was left on-site for future reference, the other was removed for assay. Representative splits of each assay interval were taken to a warehouse facility at Callison (provided free of charge by Klondike Transport Ltd.) for petrographic study and logging. Chips representative of each interval were then stored in plastic chip trays.

Samples for assay were transported to Chemex Labs in Vancouver by Klondike Transport Ltd. Samples were dried, weighed and crushed to -2mm prior to removal of a 300g split for cone crushing to >90% minus 150 mesh. The entire +150 mesh fraction and one assay ton (29.166g) of the -150 mesh fraction for each sample were then fire assayed separately and a total gold value calculated from the results. A 1g split of the -150 mesh fraction was also submitted for 32 element ICP-ES analysis. Copies of the assay certificates are provided in Appendix C.

5.3 Gold assay results

Drill intersections which assayed 1 g/t gold or better over two or more consecutive sample intervals are tabulated in Table 3.

Table 3 - Significant Intersections

HOLE #	LOCATION	TARGET	INTERVAL (m)	LENGTH (m)	GOLD (g/t)
LS-20	Buckland Zone	Magnetic gradient	33.8 - 38.5	4.7	4.07
LS-21	Buckland Zone	Magnetic gradient	4.6 - 7.7	3.1	1.30
LS-22	Buckland Zone	Magnetic gradient	6.2 - 21.5	15.3	1.00

Gold mineralization intersected beneath the Lone Star soil gold anomaly and within the Buckland Shear Zone is erratically distributed and of generally low grade. Strong fracture control to mineralization is suspected. Bulk tonnage disseminated gold mineralization of a tenor exceeding the 70ppb analytical detection limit was not encountered, suggesting that the +35ppb Lone Star soil gold anomaly directly reflects the gold grade of the underlying bedrock or is largely a product of downslope dispersion from discrete lode sources.

The gold mineralization indicated by assays is cryptic and does not coincide with any particular lithology within the Klondike Schist or with obvious alteration, veining or change in quartz, sulphide or carbonate abundance. This helps explain historic observations from the Lone Star Mine that gold could be won from unveined schist adjacent to the main quartz lodes. Plausible indicators of gold mineralization noted during chip logging, such as galena-bearing calcite veinlets, K-feldspar veinlets, enhanced whole rock carbonate or pyrite contents and local occurrence of unusual blue-green or apple-green mica were not substantiated by assay as bona fide associates of gold. There is thus a gross spatial, but not paragenetic, relationship between gold mineralization and other hydrothermal events.

5.4 Alteration and veining

The dominant vein material encountered in all drill holes is coarse white metamorphic quartz carrying occasional euhedra of pyrite. The abundance of metamorphic quartz varies substantially between and within drill holes and does not correlate in any way with gold grades.

Much less common are white to pink to pale green cm-thick granular veinlets of quartz $\pm$ calcite $\pm$ epidote $\pm$ adularia $\pm$ chlorite $\pm$ hematite which clearly transgress metamorphic foliation and appear to be associated with weak propylitic alteration of the country rock schists (Thompson, 1993). The propylitic alteration assemblage is identical to that found in the veinlets. The presence of hematite imparts a pinkish or reddish hue to the rocks. Both the veinlets and the associated alteration are barren of sulphides and gold.

A trace constituent in several holes drilled within the Lone Star soil gold anomaly is white

saccharoidal calcite $\pm$ quartz veinlet material containing scattered mm-size euhedra of galena and traces of an unusual blue-green chlorite(?). Assays also indicate the presence of sphalerite in these veinlets. Once again, gold grades do not correlate with the abundance of the veinlets.

Barite was not noted in drill chips from the Lone Star soil anomaly area, though the presence of barite in heavy mineral concentrates prepared from 1992 drill hole LS-14 (Falls, 1993) and in sluice box concentrates from Seven Pup (Thompson 1993, 1994) suggests that it should be present.

5.5 Multi-element geochemistry

Exploratory data analysis of 1993 R.C. sample geochemistry provides confirmation of deductions based on petrographic observations and gold assays. Gold, base metal and barium abundances vary erratically downhole within the Lone Star Mine area, a distribution pattern more indicative of fracture-controlled mineralization than disseminated or stratabound mineralization. Apart from the fairly coherent behaviour of lead and zinc, the elements occur independently of each other, inferring that they are paragenetically separate. Episodic creation and sealing of fracture permeability by fluids of varying composition is the likely cause.

6.0 PLANS FOR 1994

Systematic and detailed mapping, trenching and rock chip sampling is required within the Lone Star property to support a proper evaluation of its hard rock gold potential. Emphasis should be on the Buckland Shear Zone and its extensions. Appropriate new targets identified by this work should be tested by diamond drilling. Compilation and re-interpretation of historic exploration data should continue and will involve re-surveying of historic excavations, drill holes and trenches using GPS technology.

7.0 CONCLUSIONS

The 1993 Lone Star drill program failed to provide evidence for a bulk tonnage disseminated, stockwork or stratabound gold deposit beneath the Lone Star soil gold anomaly. Results instead support the presence of erratic, fracture-controlled gold mineralization. Structural control, as deduced previously by Arbor Resources Inc., would appear to be primarily by northwesterly striking faults.

Drilling of a similarly oriented structure at the Buckland Shear Zone confirmed the presence of gold mineralization and provided confidence in the use of airborne magneticsto define exploration targets. Scope exists for further testing of this and similar structures in 1994.

8.0 REFERENCES

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STATEMENT OF COSTS

Reverse Circulation Drilling
April 13 to May 10, 1993

Salaries

Sample Collection	15 man days @ \$250/man day	\$ 3,750.00
Sample Logging	15 " " " " "	\$ 3,750.00

Meals & Accomodation	30 man days @ \$100/man day	\$ 3,000.00
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Support

Truck	15 days @ \$100/day	\$ 1,500.00
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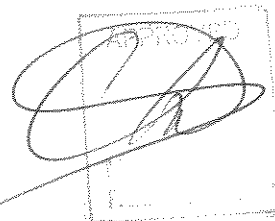
Drilling

Footage costs	691.3m @ \$55.28/m	\$36,215.06
Supplies	691.3m @ \$6.56/m	\$ 4,534.93
Pad construction	51hrs @ \$135/hr for D7E Cat	\$ 6,885.00

Analytical Costs

Assays (metallics)	485 samples @ \$30/sample	\$14,550.00
Freight	485 samples @ \$6/sample	\$ 2,910.00

TOTAL: \$79,094.99



APPENDIX A

Drill Logs

LEGEND TO ACCOMPANY LONE STAR DRILL LOGS



Overburden



Quartz Feldspar Porphyry Dyke



Mafic Dyke



Quartz-Muscovite+Chlorite Schist



Quartz-Muscovite-Chlorite Schist, with chlorite-rich laminae



Quartzose Quartz Muscovite+Chlorite Schist



Quartz-Chlorite-Muscovite Schist



Quartz-Chlorite Schist



Siliceous Chlorite Schist



Metamorphosed mafic igneous rock



Fault Zone



Vein

HOLE NO. 93-LS- 15				AZ: 270	DIP: -60	DEPTH: 75m	LOCATION: Upper Eldorado		LOGGED BY: ALD		
							UTM: 587282.375 7083544.000				
SAMPLE NO.	FROM(FT)	TO (FT)	FROM (M)	TO (M)	ROCK TYPE	ALTERATION	SULPHIDES	COLOUR	DESCRIPTION	REMARKS	GRAPHIC LOG
4351	0	5	0.0	1.5	Ovb			Dr/Bn	mixed rock fragments + organics		
4352	5	10	1.5	3.0	Ovb			Or/Bn	mixed - ChlQtzSch some frags v silicified		
4353	10	15	3.0	4.6	Ovb	w Slc		L. Gn	possibly bedrock- some sch frags		
4354	15	20	4.6	6.1	Mafic dyke			D. Bn	magnetic, v altered/weathered?,	bedrock at 20'?	
4355	20	25	6.1	7.6	Mafic dyke			D. Bn	same as above		
4356	25	30	7.6	9.1	Oxi chl S.ch			Bn/Or	v oxi, 1% wt qtz		
4357	30	35	9.1	10.7	Qtz+ChlQtzSch			Or/w.t	75% wt qtz, v fractured, v oxi,		
4358	35	40	10.7	12.2	ChlQtzSch	m Slc		Or	v oxi, 3% wt qtz, qtz + sch are oxi		
4359	40	45	12.2	13.7	ChlQtzSch	m Slc		Or	same as above		
4360	45	50	13.7	15.2	ChlQtzSch	m Slc		Or	same as above		
4361	50	55	15.2	16.8	ChlQtzSch	m Slc		Or/Bn	as above, v rubbly and oxidized		
4362	55	60	16.8	18.3	ChlQtzSch	m Slc		Or/Bn	as above, v rotten, hard to identify		
4363	60	65	18.3	19.8	ChlQtzSch	m Slc		Or/Bn	as above, v rotten, hard to identify		
4364	65	70	19.8	21.3	QFP dyke	Clay alt?		Bn	v oxi/weathered, feldpars altd to clay		
4365	70	75	21.3	22.9	QFP/ChlQtzSch	m Slc		Gn/Bn	contact, ChlQtzSch as m silicified	slight oxidation	
4366	75	80	22.9	24.4	ChlQtzSch	w Slc, w Car		Gn	minor oxi of qtz, carb along fractures in qtz	slight oxidation	
4367	80	85	24.4	25.9	ChlQtzSch	w Slc, w Car		Gn	minor oxi of qtz, carb along fractures in qtz	slight oxidation	
4368	85	90	25.9	27.4	ChlQtzSch	w Slc, w Car		Gn	as above	slight oxidation	
4369	90	95	27.4	29.0	ChlQtzSch	w Slc, w Car		Gn	as above	slight oxidation	
4370	95	100	29.0	30.5	ChlQtzSch	w Car		Gn	as above	slight oxidation	
4371	100	105	30.5	32.0	ChlQtzSch	w Car		Gn	as above	slight oxidation	
4372	105	110	32.0	33.5	ChlQtzSch	w Car		Gn	as above	slight oxidation	
4373	110	115	33.5	35.1	ChlQtzSch	w Slc, w Car		Gn	as above	slight oxidation	
4374	115	120	35.1	36.6	ChlQtzSch	w Car, w S.er?		Gn	as above, carb is pervasive	slight oxidation	
4375	120	125	36.6	38.1	ChlQtzSch	w Car		Gn	as above, carb is ferroan dolomite?	slight oxidation	
4376	125	130	38.1	39.6	ChlQtzSch	w Car		Gn	as above	slight oxidation	
4377	130	135	39.6	41.1	ChlQtzSch	w Car		Gn	as above	slight oxidation	
4378	135	140	41.1	42.7	ChlQtzSch	w Car		Gn	as above	slight oxidation	
4379	140	145	42.7	44.2	ChlQtzSch	w Car, w Slc		Gn	as above	slight oxidation	
4380	145	150	44.2	45.7	ChlQtzSch	S. Slc		Gn	very bleached and silicified	slight oxidation	
4381	150	155	45.7	47.2	ChlQtzSch	S. Slc		Gn	as above	slight oxidation	
4382	155	160	47.2	48.8	ChlQtzSch	S. Slc		Gn	as above	slight oxidation	
4383	160	165	48.8	50.3	ChlQtzSch	m Slc, w Car		Gn	rare bright red mineral, pink hue to 60% rock	slight oxidation	
4384	165	170	50.3	51.8	ChlQtzSch	S. Slc, w Car		Gn/Or	partially sil., rare carb stringers in qtz	slight oxidation	
4385	170	175	51.8	53.3	ChlQtzSch	S. Slc, w Car		Gn/Or	partially sil., rare carb stringers in qtz	slight oxidation	
4386	175	180	53.3	54.9	ChlMus.QtzSch	S. Slc, w Car		Gn/Or	as above	slight oxidation	
4387	180	185	54.9	56.4	ChlMus.QtzSch	w-mSlc, wCar		Gn/Or	as above	slight oxidation	
4388	185	190	56.4	57.9	ChlMus.QtzSch	w-mSlc, wCar		Gn/Or	as above	slight oxidation	
4389	190	195	57.9	59.4	ChlQtzSch	w-mSlc, wCar		Gn/Or	as above	slight oxidation	
4390	195	200	59.4	61.0	ChlQtzSch	w-mSlc, wCar		Gn/Or	as above	slight oxidation	
4391	200	205	61.0	62.5	ChlQtzSch	S. Slc		Gn/Or	as above	slight oxidation	
4392	205	210	62.5	64.0	ChlQtzSch	w Slc		Gn/Or	as above	slight oxidation	
4393	210	215	64.0	65.5						no sample	
4394	215	220	65.5	67.1	ChlQtzSch	w Slc, w Car		Bn	v minor carb along fractures in qtz	v oxidized, fractured	
4395	220	225	67.1	68.6	ChlQtzSch	V. w Slc		Bn	no qtz-carb bands	v oxidized, fractured	
4396	225	230	68.6	70.1	ChlQtzSch	V. w Slc		Bn	no qtz-carb bands	v oxidized, fractured	
4397	230	235	70.1	71.6	ChlQtzSch	w Slc		En	rare fresh frags S sil & bleached QtzChlSch	v oxidized, fractured	
4398	235	240	71.6	73.2	ChlQtzSch	m Slc		L. Gn/Or	40% is oxidized, minor qtz	not as oxidized	
4399	240	246	73.2	75.0	ChlQtzSch	w-m Slc, w Car		L. Gn/Or	less sil, v fractured, carb along fractures	END OF HOLE	

HOLE NO. 93-LS- 15				AZ: 270	DIP: -60	DEPTH: 75m	LOCATION: Upper Eldorado		LOGGED BY: ALD		
							UTM: 587282.375 7083544.000				
SAMPLE NO.	FROM(FT)	TO (FT)	FROM (M)	TO (M)	ROCK TYPE	ALTERATION	SULPHIDES	COLOUR	DESCRIPTION	REMARKS	GRAPHIC LOG
4351	0	5	0.0	1.5	Ovb			Gr/Bn	mixed rock fragments + organics		
4352	5	10	1.5	3.0	Ovb			Gr/Bn	mixed - ChlQtzSch some frags v silicified		
4353	10	15	3.0	4.6	Ovb	w Slc		L. Gn	possibly bedrock- some sch frags		
4354	15	20	4.6	6.1	Mafic dyke			D. Bn	magnetic, v altered/weathered?,	bedrock at 20'?	
4355	20	25	6.1	7.6	Mafic dyke			D. Bn	same as above		
4356	25	30	7.6	9.1	Oxi chl S.sch			Bn/Or	v oxi, 1% wt qtz		
4357	30	35	9.1	10.7	Qtz+ChlQtzSch			Or/w.t	75% wt qtz, v fractured, v oxi,		
4358	35	40	10.7	12.2	ChlQtzSch	m Slc		Or	v oxi, 3% wt qtz, qtz + sch are oxi		
4359	40	45	12.2	13.7	ChlQtzSch	m Slc		Or	same as above		
4360	45	50	13.7	15.2	ChlQtzSch	m Slc		Or	same as above		
4361	50	55	15.2	16.8	ChlQtzSch	m Slc		Or/Bn	as above, v rubby and oxidized		
4362	55	60	16.8	18.3	ChlQtzSch	m Slc		Or/Bn	as above, v rotten, hard to identify		
4363	60	65	18.3	19.8	ChlQtzSch	m Slc		Or/Bn	as above, v rotten, hard to identify		
4364	65	70	19.8	21.3	QFP dyke	Clay alt?		Bn	v oxi/weathered, feldspars altd to clay		
4365	70	75	21.3	22.9	QFP/ChlQtzSch	m Slc		Gn/Bn	contact, ChlQtzSch is m silicified	slight oxidation	
4366	75	80	22.9	24.4	ChlQtzSch	w Slc, w Car		Gn	minor oxi of qtz, carb along fractures in qtz	slight oxidation	
4367	80	85	24.4	25.9	ChlQtzSch	w Slc, w Car		Gn	minor oxi of qtz, carb along fractures in qtz	slight oxidation	
4368	85	90	25.9	27.4	ChlQtzSch	w Slc, w Car		Gn	as above	slight oxidation	
4369	90	95	27.4	29.0	ChlQtzSch	w Slc, w Car		Gn	as above	slight oxidation	
4370	95	100	29.0	30.5	ChlQtzSch	w Car		Gn	as above	slight oxidation	
4371	100	105	30.5	32.0	ChlQtzSch	w Car		Gn	as above	slight oxidation	
4372	105	110	32.0	33.5	ChlQtzSch	w Car		Gn	as above	slight oxidation	
4373	110	115	33.5	35.1	ChlQtzSch	w Slc, w Car		Gn	as above	slight oxidation	
4374	115	120	35.1	36.6	ChlQtzSch	w Car, w S.er?		Gn	as above, carb is pervasive	slight oxidation	
4375	120	125	36.6	38.1	ChlQtzSch	w Car		Gn	as above, carb is ferroan dolomite?	slight oxidation	
4376	125	130	38.1	39.6	ChlQtzSch	w Car		Gn	as above	slight oxidation	
4377	130	135	39.6	41.1	ChlQtzSch	w Car		Gn	as above	slight oxidation	
4378	135	140	41.1	42.7	ChlQtzSch	w Car		Gn	as above	slight oxidation	
4379	140	145	42.7	44.2	ChlQtzSch	w Car, w Slc		Gn	as above	slight oxidation	
4380	145	150	44.2	45.7	ChlQtzSch	S. Slc		Gn	very bleached and silicified	slight oxidation	
4381	150	155	45.7	47.2	ChlQtzSch	S. Slc		Gn	as above	slight oxidation	
4382	155	160	47.2	48.8	ChlQtzSch	S. Slc		Gn	as above	slight oxidation	
4383	160	165	48.8	50.3	ChlQtzSch	m Slc, w Car		Gn	rare bright red mineral, pink hue to 60% rock	slight oxidation	
4384	165	170	50.3	51.8	ChlQtzSch	S. Slc, w Car		Gn/Or	partially sil., rare carb stringers in qtz	slight oxidation	
4385	170	175	51.8	53.3	ChlQtzSch	S. Slc, w Car		Gn/Or	partially sil., rare carb stringers in qtz	slight oxidation	
4386	175	180	53.3	54.9	ChlMus.QtzSch	S. Slc, w Car		Gn/Or	as above	slight oxidation	
4387	180	185	54.9	56.4	ChlMus.QtzSch	w-mSlc, wCar		Gn/Or	as above	slight oxidation	
4388	185	190	56.4	57.9	ChlMus.QtzSch	w-mSlc, wCar		Gn/Or	as above	slight oxidation	
4389	190	195	57.9	59.4	ChlQtzSch	w-mSlc, wCar		Gn/Or	as above	slight oxidation	
4390	195	200	59.4	61.0	ChlQtzSch	w-mSlc, wCar		Gn/Or	as above	slight oxidation	
4391	200	205	61.0	62.5	ChlQtzSch	S. Slc		Gn/Or	as above	slight oxidation	
4392	205	210	62.5	64.0	ChlQtzSch	w Slc		Gn/Or	as above	slight oxidation	
4393	210	215	64.0	65.5					no sample		
4394	215	220	65.5	67.1	ChlQtzSch	w Slc, w Car		Bn	v minor carb along fractures in qtz	v oxidized, fractured	
4395	220	225	67.1	68.6	ChlQtzSch	V. w Slc		Bn	no qtz-carb bands	v oxidized, fractured	
4396	225	230	68.6	70.1	ChlQtzSch	V. w Slc		Bn	no qtz-carb bands	v oxidized, fractured	
4397	230	235	70.1	71.6	ChlQtzSch	w Slc		Bn	rare fresh frags S sil & bleached QtzChlSch	v oxidized, fractured	
4398	235	240	71.6	73.2	ChlQtzSch	m Slc		L. Gn/Or	40% is oxidized, minor qtz	not as oxidized	
4399	240	246	73.2	75.0	ChlQtzSch	w-m Slc, w Car		L. Gn/Or	less sil, v fractured, carb along fractures	END OF HOLE	

HOLE NO. 93-LS-16					AZ: 270	DIP: -60	DEPTH: 75m	LOCATION: Upper Eldorado		LOGGED BY: PL	
					UTM: 587055.750 7083521.000						
SAMPLE NO.	FROM(FT)	TO (FT)	FROM (M)	TO (M)	ROCK TYPE	ALTERATION	SULPHIDES	COLOUR	DESCRIPTION	REMARKS	GRAPHIC LOG
4401	0	5	0.0	1.5	OvbMusQChSc	Mod.ser,sil	Tr-Pyy	VL.oxiGn	Ovb but rock is homogeneous.		A A A
4402	5	10	1.5	3.0	Ovb?MusQChSc	Mod.ser,sil	Tr-Pyy	VL.oxiGn	Organics-minor red v.f.g. min. stains qtz red.		
4403	10	15	3.0	4.6	Ovb?MusQChSc	Mod.ser,sil	Tr-Pyy	VL.oxiGn	Mod oxiQtz stained green in all above.		
4404	15	20	4.6	6.1	MusQtzChlSch	Mod.ser,sil	Tr-Pyy	VL.oxiGn	As above-no organics.		~ C
4405	20	25	6.1	7.6	MusQtzChlSch	Mod.ser,sil	Tr-Pyy	VL.oxiGn	As above but has orange gouge.	Fault gouge?	
4406	25	30	7.6	9.1	MusQtzChlSch	Mod.ser,sil	Tr-Pyy	VL.oxiGn	As above.	Fault gouge?	
4407	30	35	9.1	10.7	MusQtzChlSch	Mod.ser,sil	Tr-Pyy	VL.oxiGn	As above.	Fault gouge?	C ~
4408	35	40	10.7	12.2	MusQtzChlSch	Mod.ser,sil	Tr-Pyy	VL.oxiGn	as above but 40% large qtz chips.	Fault gouge?	
4409	40	45	12.2	13.7	MusQtzChlSch	Mod.ser,sil	Tr-Pyy	VL.oxiGn	As 30-35 but chips are gravelly.		
4410	45	50	13.7	15.2	MusQtzChlSch	Mod.ser,sil	Tr-Pyy	VL.oxiGn	As above.Gradually getting less chl downhole.		~
4411	50	55	15.2	16.8	MusQtzSch	Mod.ser,sil	Tr-Pyy	VL.oxiGn	As above-no chlorite.		
4412	55	60	16.8	18.3	MusQtzSch	Mod.ser,sil	Tr-Pyy	VL.oxiGn	As above.		
4413	60	65	18.3	19.8	MusQtzSch	Mod.ser,sil	Tr-Pyy	Oxi Gn/Bf	As above but slightly more oxidized.		~
4414	65	70	19.8	21.3	MusQtzSch	Mod.ser	1% Pyy	Bf	Not silicified. All chips are oxidized buff.		
4415	70	75	21.3	22.9	Contact unit				Half as above and half as below.		
4416	75	80	22.9	24.4	ChlQtzSch	Mod slc	Tr. Pyy	M.Gn	20% qtz- Well banded. Sch. planes very flat.		~ C
4417	80	85	24.4	25.9	Mus Qtz Sch	Mod ser,sil	1% Pyy	VL oxi Gn	Beige gouge with chips.	Fault gouge?	
4418	85	90	25.9	27.4	ChlQtzSch	Mod slc	Tr. Pyy	Olive Gn	As 75-80 but colour is slightly different.		
4419	90	95	27.4	29.0	Dib	Mod car	?	D.Gn-Bk	Strongly weathered (Mag alt. to Hem)Magnetic.	Mafic dyke.	F F F
4420	95	100	29.0	30.5	Chl Qtz Sch	Mod ser, sil	Tr. Pyy	Olive Gn	Similar to 85-90, frags from unit above & below	Contact unit.	
4421	100	105	30.5	32.0	Pink Schist	Mod car	Red vitr.min	Pink	Pink with red vitreous min.& epi-pink gouge.		
4422	105	110	32.0	33.5	Mixed gravel				Mixed gravel from100-105,95-100,90-95.	Reamed or fault?	F F
4423	110	115	33.5	35.1	Mixed gravel				red mineral in qtz gives rock a pink hue.	Reamed or fault?	
4424	115	120	35.1	36.6	Mus Qtz Sch*	Wk carMod slc	Tr.Rea? Pyy	Pink/Gn	As abovebut no mafic dyke fragments.		
4425	120	125	36.6	38.1	Mus Qtz Sch*	Wk carMod slc	Tr.Rea? Pyy	Pink/Gn	As above.		~
4426	125	130	38.1	39.6	Mus Qtz Sch*	Wk carMod slc	Tr.Rea? Pyy	Pink/Gn	As above but 10% pink rock.		
4427	130	135	39.6	41.1	Mus Qtz Sch*	Wk carMod slc	Tr.Rea? Pyy	Pink/Gn	As above but 80% pink rock.		
4428	135	140	41.1	42.7	Mus Qtz Sch*	Wk carMod slc	Tr.Rea? Pyy	Pink/Gn	As above but 10% pink rock.		~
4429	140	145	42.7	44.2	Mus Qtz Sch*	Wk carMod slc	Tr.Rea? Pyy	Pink/Gn	As above but 80% pink rock.		
4430	145	150	44.2	45.7	Mus Qtz Sch*	Wk carMod slc	Tr.Rea? Pyy	Pink/Gn	As above but 60% pink rock.		
4431	150	155	45.7	47.2	Mus Qtz Sch*	Wk carMod slc	Tr.Rea? Pyy	Pink/Gn	As above but 5% pink rock.		~
4432	155	160	47.2	48.8	Mus Qtz Sch	Mod ser, sil	Tr. Rea? Pyy	V.L. Gn	Qtz mod.oxi-<1%pink rock- Tr.rea in qtz.		
4433	160	165	48.8	50.3	Mus Qtz Sch*	Wk carMod slc	Tr.Rea? Pyy	Pink/Gn	As 150-155 but 30% pink rock.		
4434	165	170	50.3	51.8	Mus Qtz Sch*	Wk carMod slc	Tr.Rea? Pyy	Pink/Gn	As above but 50% pink rock.		~
4435	170	175	51.8	53.3	Mus Qtz Sch*	Wk carMod slc	Tr.Rea? Pyy	Pink/Gn	As above but has 1% black mafic mag dyke.		
4436	175	190	53.3	54.9	Mus Qtz Sch*	Wk carMod slc	Tr. Pyy	Pink/Gn	As above- no mafic chips-no rea-10% pink rock.		
4437	180	185	54.9	56.4	Mus Qtz Sch*	Wk carMod slc	Tr. Pyy	Pink/Gn	As above.		~
4438	185	190	56.4	57.9	Mus Qtz Sch*	Wk carMod slc	Tr.Rea? Pyy	Pink/Gn	As abo.3% pink rock-1% mafic mag chips-tr.rea.		
4439	190	195	57.9	59.4	ChlMusQtzSch	Wk car	Tr.Rea? Pyy	M. Gn	Pink hue to rock, minor mafic frags		
4440	195	200	59.4	61.0	ChlMusQtzSch	Str.SlcWk Car	Tr.Rea? Pyy	L.Gn	<1% pink rock- as above but silicified.		~
4441	200	205	61.0	62.5	ChlMusQtzSch	Wk ser,car	Tr.Pyy	M-L Gn	Wt-beige gouge-60% mod oxi qtz.-Tr. pink rock.		
4442	205	210	62.5	64.0	ChlQtzSch	Wk slc,ser	Tr. Pyy	M Gn	Beige gouge-qtz stained green.		
4443	210	215	64.0	65.5	ChlQtzSch	Wk slc,ser	1% Pyy	LGn/D Bn	Qtz stained gn-50% v.oxi d bn limonitic chips.		~ C
4444	215	220	65.5	67.1	ChlQtzSch	Mod slc	Tr. Pyy	M Gn	Qtz weakly oxi.		
4445	220	225	67.1	68.6	ChlQtzSch	Mod slc	Tr. Pyy	M oxi gn	As above but mod oxi, gravelly-Tr.red min		
4446	225	230	68.6	70.1	ChlQtzSch	Str. slc	1% Pyy	GnBf/pink	10% of rock has pink hue		C ~
4447	230	235	70.1	71.6	ChlQtzSch	Str. slc	1% Pyy	GnBf/pink	40% pink hue,very qtz rich		
4448	235	240	71.6	73.2	ChlQtzSch	Str. slc	1% Pyy	GnBf/pink	As above.		
4449	240	246	73.2	75.0	SerQtz Sch	Str ser	Tr. pyy	GnBf/pink	20% pink rock , <1% black mafic chips.	END OF HOLE	C ~

Notes: 20-40- Has orange gouge and the sample is very small.
100-105- Red vitreous to resinous v.f.g. mineral stains rock .May be rhodocrosite ? Too fine grained to indentify.
115-190* Interbedded pink with ser schist. Pink rock has red mineral with vitreous to resinous luster, Epidote with pink rock.
Qtz veins have red mineral with red /orange streak Green rock is mus/Qtz sch as has been seen throughout.

HOLE NO. 93-LS- 18					AZ: 090	DIP: -60	DEPTH: 75m	LOCATION: Upper Eldorado		LOGGED BY: PL	
					UTM: 587442.125 7083377.500						
SAMPLE NO.	FROM(FT)	TO (FT)	FROM (M)	TO (M)	ROCK TYPE	ALTERATION	SULPHIDES	COLOUR	DESCRIPTION	REMARKS	GRAPHIC LOG
4551	0	5	0.0	1.5	Ovb				Mixed rocks & humus. Very little return.		A.A.
4552	5	10	1.5	3.0	MusChlQtzSch			silver gn	Some humus but rock is homogeneous.		
4553	10	15	3.0	4.6	MusChlQtzSch			silver gn	As above.		~
4554	15	20	4.6	6.1	MusChlQtzSch		<1% Pyy	Oxi GyGn	As above but mus more oxi due to Pyy content.		
4555	20	25	6.1	7.6	MusChlQtzSch		<1% Pyy	Oxi GyGn	As above.		~
4556	25	30	7.6	9.1	MusChlQtzSch		<1% Pyy	GyGn	As above but less oxi.		
4557	30	35	9.1	10.7	MusChlQtzSch		<1% Pyy	GyGn	As above but more schistose.		~
4558	35	40	10.7	12.2	MusChlQtzSch		<1% Pyy	GyGn	As above but more schistose.		
4559	40	45	12.2	13.7	MusChlQtzSch		<1% Pyy	GnGy	As above but slightly more chloritic.		~
4560	45	50	13.7	15.2	MusChlQtzSch		<1% Pyy	GnGy	As above.		
4561	50	55	15.2	16.8	MusChlQtzSch		<1% Pyy	GnGy	As above.		~
4562	55	60	16.8	18.3	MusChlQtzSch		<1% Pyy	GnGy	As above.		
4563	60	65	18.3	19.8	MusChlQtzSch		<1% Pyy	GnGy	As above.		~
4564	65	70	19.8	21.3	MusChlQtzSch		<1% Pyy	GnGy	As above.		
4565	70	75	21.3	22.9	MusChlQtzSch		<1% Pyy	GnGy	As above.		~
4566	75	80	22.9	24.4	MusChlQtzSch		1% Pyy	GnGy	As above but 40% qtz and slight increase in Py		
4567	80	85	24.4	25.9	MusChlQtzSch		1% Pyy	Olive gn	As above but 2-3% qtz-change in colour.		~
4568	85	90	25.9	27.4	MusChlQtzSch		1% Pyy	Olive gn	As above		
4569	90	95	27.4	29.0	MusChlQtzSch		1% Pyy	Olive gn	As above.		~
4570	95	100	29.0	30.5	MusChlQtzSch		1% Pyy	Olive gn	As above.		
4571	100	105	30.5	32.0	MusChlQtzSch		1% Pyy	Olive gn	As above.		~
4572	105	110	32.0	33.5	MusChlQtzSch		1% Pyy	Olive gn	As above.		
4573	110	115	33.5	35.1	MusChlQtzSch		1% Pyy	Olive gn	As above.		~
4574	115	120	35.1	36.6	MusChlQtzSch		1% Pyy	Olive gn	As above.		
4575	120	125	36.6	38.1	MusChlQtzSch		1% Pyy	Olive gn	As above.		~
4576	125	130	38.1	39.6	MusChlQtzSch		1% Pyy	Olive gn	As above.		
4577	130	135	39.6	41.1	MusChlQtzSch	V.Wk Car	1% Pyy	Olive gn	As above but 50% qtz with v.wk. car.		~
4578	135	140	41.1	42.7	MusChlQtzSch		1% Pyy	Olive gn	As above.		
4579	140	145	42.7	44.2	MusChlQtzSch		1% Pyy	Olive gn	As above but 5% qtz.		~
4580	145	150	44.2	45.7	MusChlQtzSch		1% Pyy	Olive gn	As above.		
4581	150	155	45.7	47.2	MusChlQtzSch		1% Pyy	Olive gn	As above.		~
4582	155	160	47.2	48.8	MusChlQtzSch		1% Pyy	Olive gn	As above but 1-2mm green chlorite patches.		
4583	160	165	48.8	50.3	MusChlQtzSch		1% Pyy	Olive gn	As above.		~
4584	165	170	50.3	51.8	MusChlQtzSch		1% Pyy	Olive gn	As above.		
4584	170	175	51.8	53.3	MusChlQtzSch	Wk car	1% Pyy	Olive gn	As above but wk car.		~
4585	175	180	53.3	54.9	MusChlQtzSch	Wk car	1% Pyy	Olive gn	As above.		
4586	180	185	54.9	56.4	MusChlQtzSch	Wk car	1% Pyy	Olive gn	As above.		~
4587	185	190	56.4	57.9	MusChlQtzSch		1% Pyy	Olive gn	As 175-180 but has yellow/green gouge.	Possible fault gouge	
4588	190	195	57.9	59.4	MusChlQtzSch	Wk car	1% Pyy	Olive gn	Slightly lighter green due to wk incr. in mus.		~
4589	195	200	59.4	61.0	MusChlQtzSch	Pervasive Car	1% Pyy	Olive gn	As above but mod pervasive carb alteration.		
4590	200	205	61.0	62.5	MusChlQtzSch	Pervasive Car	1% Pyy	Olive gn	As above.		~
4591	205	210	62.5	64.0	MusChlQtzSch	Pervasive Car	1% Pyy	Olive gn	As above.		
4592	210	215	64.0	65.5	Contact				Contact unit. Rocks from above and below.		X
4593	215	220	65.5	67.1	Chl Qtz Sch	Perv.CarWk.Ser	1% Pyy	D. Gn	Dif. rock than 200-205-Silver ser on d.gn chl		
4594	220	225	67.1	68.6	Chl Qtz Sch	Perv.CarWk.Ser	1% Pyy	D. Gn	As above.		X
4595	225	230	68.6	70.1	Chl Qtz Sch	Perv.CarWk.Ser	1% Pyy	D. Gn	As above but more ser-50% qtz-qtz stained gn		
4596	230	235	70.1	71.6	Chl Qtz Sch	PervCarMod.Ser	2% PyyTr.Gal	M gn	Slightly more ser, less carb.AduQtz/CarbVeins		X
4597	235	240	71.6	73.2	Chl Qtz Sch	PervCarMod.Ser	2% PyyTr.Gal	M gn	qtz/carb veins with Pyy,Gal,hem?+gn v hard min		
4599	240	245	73.2	74.7	Chl Qtz Sch	PervCarMod.Ser	2% PyyTr.Gal	M gn	As ab.-has 1% purple mineral in qtz/carb veins	END OF HOLE	X

HOLE NO. 93-LS-19					AZ: 090	DIP: -60	DEPTH: 67m	LOCATION: Upper Eldorado		LOGGED BY: ALD	
									UTM: 587492.500 7083402.000		
SAMPLE NO.	FROM(FT)	TO (FT)	FROM (M)	TO (M)	ROCK TYPE	ALTERATION	SULPHIDES	COLOUR	DESCRIPTION	REMARKS	GRAPHIC LOG
4601	0	5	0.0	1.5	Ovb			gn/bn	mixed MusChlQtzSch, wt qtz and organics	oxi	△
4602	5	10	1.5	3.0	Ovb			gn/bn	mixed MusChlQtzSch, wt qtz & abundant organics	oxi	
4603	10	15	3.0	4.6	Ovb			gn/bn	same as above	oxi, v muddy	
4604	15	20	4.6	6.1	Ovb			gn/bn	same as above	oxi, v muddy	
4605	20	25	6.1	7.6	Ovb?			gn/bn	same as above, no organics	very small sample	
4606	25	30	7.6	9.1	no sample					no sample	
4607	30	35	9.1	10.7	MusChlQtzSch			m-d gn	MusChlQtzSch with rare organic material		~
4608	35	40	10.7	12.2	MusChlQtzSch			m-d gn	schist with 5% wt qtz, oxi along fractures		
4609	40	45	12.2	13.7	MusChlQtzSch	v.w. carb	tr pyy	olive gn	w carb along fractures in qtz	w oxi	
4610	45	50	13.7	15.2	MusChlQtzSch		tr pyy	olive gn	same as above but no carb, less qtz 2%	fractured, w oxi	
4611	50	55	15.2	16.8	MusChlQtzSch		tr pyy	olive gn	same as above	fractured, w oxi	
4612	55	60	16.8	18.3	MusChlQtzSch		tr pyy	gn/bn	same as above	more oxidized	
4613	60	65	18.3	19.8	MusChlQtzSch	v w sil	tr pyy	gn/or	same as above	as above	
4614	65	70	19.8	21.3	MusChlQtzSch		tr pyy	gn/or	same as above	as above	
4615	70	75	21.3	22.9	MusChlQtzSch		tr pyy	gn/or	same as above	as above	
4616	75	80	22.9	24.4	MusChlQtzSch		tr pyy	gn/or	same as above	as above	
4617	80	85	24.4	25.9	MusChlQtzSch		tr pyy	gn/or	same as above	as above	
4618	85	90	25.9	27.4	MusChlQtzSch		tr pyy	gn/or	same as above	as above	
4619	90	95	27.4	29.0	MusChlQtzSch		tr pyy	gn/or	same as above	as above	
4620	95	100	29.0	30.5	MusChlQtzSch		tr pyy	gn/or	same as above	as above	
4621	100	105	30.5	32.0	MusChlQtzSch		tr pyy	gn/or	same as above	as above	
4622	105	110	32.0	33.5	MusChlQtzSch		tr pyy	gn/or	same as above	as above	
4623	110	115	33.5	35.1	MusChlQtzSch		tr pyy	gn/or	same as above, increase in wt qtz 5%	slight oxi	
4624	115	120	35.1	36.6	MusChlQtzSch		tr pyy	gn/or	same as above	slight oxi	
4625	120	125	36.6	38.1	MusQtzSch		tr pyy	wt/lt gn	25% wt qtz, wt to lt gn gouge, fault/contact	not oxi, contact	F F
4626	125	130	38.1	39.6	MusQtzSch	w carb	tr pyy	wt/lt gn	same as above, w/ carb along fractures in qtz		~
4627	130	135	39.6	41.1	MusChlQtzSch	w carb	tr pyy	dk gn	partially oxidized, micas are dk gn	diff unit?? v.w. oxi	
4628	135	140	41.1	42.7	MusChlQtzSch		tr pyy	dk gn	same as above	w oxi	
4629	140	145	42.7	44.2	MusChlQtzSch		tr pyy	dk gn	same as above	as above	
4630	145	150	44.2	45.7	MusChlQtzSch	m carb	tr pyy	olive gn	carb in fractures cutting qtz	as above	
4631	150	155	45.7	47.2	MusChlQtzSch	m carb	tr pyy	olive gn	same as above	m oxidation	
4632	155	160	47.2	48.8	MusChlQtzSch	m carb	tr pyy	gn	same as above, increase in qtz to 5%	not oxidized	
4633	160	165	48.8	50.3	MusChlQtzSch	s carb	1% pyy	gn	same as above, carb in qtz & perv in schist	not oxidized	
4634	165	170	50.3	51.8	Diabase dyke	m carb in sch	tr pyy	gn/bn	contact 50% sch above, 50% diabase, mag, weathd		
4635	170	175	51.8	53.3	Diabase dyke	m carb in sch	tr pyy	bn	50% diabase dyke, 20% carb altd sch		
4636	175	180	53.3	54.9	Diabase dyke		tr pyy	bn	same as above, diabase/schist		" "
4637	180	185	54.9	56.4	Diabase dyke			bn	diabase dyke, aphanitic brown/green, weathered		
4638	185	190	56.4	57.9	Diabase dyke			bn	same as above		
4639	190	195	57.9	59.4	QFP dyke			khaki	v. altered, feldspars altd to clay, 1% fg	slightly oxidized	
4640	195	200	59.4	61.0	QFP dyke			khaki	mafics (altered pyroxene's?); v fractured	slightly oxidized	
4641	200	205	61.0	62.5	QFP dyke			khaki	same as above	slightly oxidized	
4642	205	210	62.5	64.0	QFP dyke			khaki	same as above, rare black aphanitic mafic frags	slightly oxidized	
4643	210	215	64.0	65.5	QFP dyke			gn/gy	50% oxi, mafics and fsp altered	50%oxi	
4644	215	220	65.5	67.1	QFP dk/fault			gn/gy	same as above, unoxi, rare black aphanitic	END OF HOLE	

Hole stopped at 217' ?? due to bad drilling. Rods were stuck in hole then
Abundant gouge in QFP dyke observed by P.L.

recovered. Driller's identified this as faulted ground.

HOLE NO. 93-LS- 20					AZ: 064	DIP: -60	DEPTH: 75m	LOCATION: Buckland Zone		LOGGED BY: PL	
								UTM: 585914.813 7084707.500			
SAMPLE NO.	FROM(FT)	TO (FT)	FROM (M)	TO (M)	ROCK TYPE	ALTERATION	SULPHIDES	COLOUR	DESCRIPTION	REMARKS	GRAPHIC LOG
4651	0	5	0.0	1.5	Ovb				Mixed rock and humus.		▽ · ▽
4652	5	10	1.5	3.0	MusChlQtzSch		<1% Pyy	Oxi bf	Oxidized schist.		
4653	10	15	3.0	4.6	MusChlQtzSch		<1% Pyy	Oxi bf	Oxidized schist.		
4654	15	20	4.6	6.1	ChlSerQtzSch	W ser	<1% Pyy	D Gn/Sil	D green with silver ser.20-30% qtz.		2
4655	20	25	6.1	7.6	ChlSerQtzSch	W ser	<1% Pyy	D Gn/Sil	As above.		c
4656	25	30	7.6	9.1	ChlSerQtzSch	W ser	<1% Pyy	D Gn/Sil	As above.		
4657	30	35	9.1	10.7	ChlSerQtzSch	WSerWPervCar	<1% Pyy	D Gn/Sil	As above but with W perv carb;local qtz/carb.		
4658	35	40	10.7	12.2	ChlSerQtzSch	V. W. ser	<1% Pyy	OxiGnSil	More oxi & schistose. No carb-5% qtz.		
4659	40	45	12.2	13.7	ChlSerQtzSch	WSerWPervCar	<1% Pyy	D Gn/Sil	As 30-35.		c
4660	45	50	13.7	15.2	ChlSerQtzSch	WSerWPervCar	<1% Pyy	D Gn/Sil	As above but 50% qtz. Oxi Fe-carb in qtz.		
4661	50	55	15.2	16.8	ChlMusQtzSch	WPerCar	1% Pyy	D. Gn	Slightly more chloritic. Minor silver mus/ser		2
4662	55	60	16.8	18.3	ChlMusQtzSch		1% Pyy	D. Gn	As above but no carb- 5% qtz.		
4663	60	65	18.3	19.8	ChlMusQtzSch	WPerCar	1% Pyy	D. Gn	As 50-55.		
4664	65	70	19.8	21.3	ChlMusQtzSch	WPerCar	1% Pyy	D-MOxiGn	As above but slightly oxi.		c
4665	70	75	21.3	22.9	ChlMusQtzSch	WPerCar	1% Pyy	D-MOxiGn	As above.		
4666	75	80	22.9	24.4	ChlMusQtzSch	WPerCar	1% Pyy	D-M Gn	As above but not oxi.		2
4667	80	85	24.4	25.9	ChlMusQtzSch	WPerCar	1% Pyy	D-M Gn	As above.		
4668	85	90	25.9	27.4	ChlMusQtzSch	WPerCar	1% Pyy	D Gn	Slightly less mus-darker green.		c
4669	90	95	27.4	29.0	ChlMusQtzSch	WPerCar	1% Pyy	D-MGn	Slightly more mus.		
4670	95	100	29.0	30.5	ChlMusQtzSch	WPerCar	1% Pyy	D-M Gn	As above.		
4671	100	105	30.5	32.0	ChlMusQtzSch	WPerCar	1% Pyy	D-M Gn	As above.		
4672	105	110	32.0	33.5	ChlMusQtzSch	WPerCar	1% Pyy	D-M Gn	As above. Local carb and Fe carb veinlets.		c
4673	110	115	33.5	35.1	QtzMusChlSch	WPerCar	1% Pyy	M-L Gn	50-60% milky bull qtz.		
4674	115	120	35.1	36.6	ChlMusQtzSch	WPerCar	1% Pyy	D-M Gn	As above but 15-20% qtz.Weakly oxidized.		2
4675	120	125	36.6	38.1	ChlMusQtzSch	WPerCar	1% Pyy	D-M Gn	As above but 30-40% qtz.		
4676	125	130	38.1	39.6	ChlMusQtzSch	WPerCar	1% Pyy	D-M Gn	As above but 75% qtz. Small sample.		c
4677	130	135	39.6	41.1	ChlMusQtzSch	V.WPerCar	1% Pyy	D-M Gn	As above but 15-20% qtz and weaker carb.		
4678	135	140	41.1	42.7	ChlMusQtzSch	WPerCar	1% Pyy	D-M Gn	As above but has patchy green chlorite patches		2
4679	140	145	42.7	44.2	ChlMusQtzSch	WPerCar	1% Pyy	D-M Gn	As above.		
4680	145	150	44.2	45.7	ChlMusQtzSch	WPerCar	1% Pyy	D-M Gn	As above.		c
4681	150	155	45.7	47.2	ChlMusQtzSch	WPerCar	1% Pyy	D-M Gn	As above.		
4682	155	160	47.2	48.8	ChlMusQtzSch	WPerCar	1% Pyy	D-M Gn	Slightly greener than above-more chl.-2-3%qtz		2
4683	160	165	48.8	50.3	ChlMusQtzSch	WPerCar	1% Pyy	D-M Gn	As above.		
4684	165	170	50.3	51.8	ChlMusQtzSch	WPerCar	1% Pyy	Olive.	As above but colour is khaki/olive.		c
4685	170	175	51.8	53.3	ChlMusQtzSch	WPerCar	1% Pyy	D gn	As above but darker green.		
4686	175	180	53.3	54.9	Mafic dyke	Patchy car		Black	calcite amygdules, non mag., aphanitic	Mixed with above rock	" = "
4687	180	185	54.9	56.4	Mafic dyke	Patchy car		Black	As above-Mixed with unit below.	Mixed w rock below.	" = "
4688	185	190	56.4	57.9	ChlMusQtzSch	WPerCar	1% Pyy	D gn	Same as above dyke.		
4689	190	195	57.9	59.4	ChlMusQtzSch	WPerCar	1% Pyy	MGn-Silver	More mus-local green v.chloritic fragments.		2
4690	195	200	59.4	61.0	Chl Qtz Sch	WPerCar	<1 Pyy	D gn	Very little muscovite.		
4691	200	205	61.0	62.5	ChlQtzSch	WPerCar	<1% Pyy	D gn	As above.		c
4692	205	210	62.5	64.0	ChlQtzSch	WPerCar	<1% Pyy	D gn	As above.		
4693	210	215	64.0	65.5	ChlMusQtzSch	WPerCar	<1% Pyy	Bn/Gn	More mus than above.50% qtz.Small sample.		2
4694	215	220	65.5	67.1	ChlMusQtzSch	WPerCar	<1% Pyy	Bf/Gn	Green and buff chips-50% bullqtz.		
4695	220	225	67.1	68.6	ChlMusQtzSch	WPerCar	<1% Pyy	Bf/Gn	As above but has bright green roescolite?		c
4696	225	230	68.6	70.1	ChlMusQtzSch	WPerCar	<1% Pyy	Bf/Gn	As above but mica is not as bright gn as above		
4697	230	235	70.1	71.6	ChlQtzSch	WPerCar	<1% Pyy	D Gn	Dark green chloritic schist.		2
4698	235	240	71.6	73.2	ChlQtzSch	WPerCar	<1% Pyy	D Gn	As above.		
4699	240	246	73.2	75.0	ChlQtzSch	WPerCar	<1% Pyy	D Gn	Dark green-1% bright green roescolite in qtz.	END OF HOLE	2

HOLE NO. 93-LS- 21					AZ: 064	DIP: -60	DEPTH: 75m	LOCATION: Buckland Zone		LOGGED BY: ALD	
					UTM: 585820.563 7084678.500						
SAMPLE NO.	FROM(FT)	TO (FT)	FROM (M)	TO (M)	ROCK TYPE	ALTERATION	SULPHIDES	COLOUR	DESCRIPTION	REMARKS	GRAPHIC LOG
4701	0	5	0.0	1.5	Ovb			dk gr	mixed fragments of QtzChlSch + organics	v oxidized	
4702	5	10	1.5	3.0	Ovb/ChlSch			in	homogeneous v chl-rich, some organics	bedrock at 7'	
4703	10	15	3.0	4.6	ChlSch	w carb		dk gn	1% wt to clear Qtz w/ carb along fractures	oxi	
4704	15	20	4.6	6.1	ChlSch			dk gn	significant lack of Qtz in schist	oxi	
4705	20	25	6.1	7.6	ChlSch			dk gn	as above w/ v abundant wt Qtz 20%	oxi	
4706	25	30	7.6	9.1	ChlSch			dk gn	as above w/ 2% wt Qtz	oxi	
4707	30	35	9.1	10.7	ChlSch		tr pyy (oxi)	dk gn	same as above	weak oxi	
4708	35	40	10.7	12.2	ChlQtzSch		tr pyy (oxi)	dk gn	slight increase in Qtz component	weak oxi	
4709	40	45	12.2	13.7	ChlQtzSch		tr pyy (oxi)	dk gn	as above	v.w. oxi	
4710	45	50	13.7	15.2	ChlQtzSch		tr pyy (oxi)	dk gn	as above w/ 5% wt Qtz	v. w. oxi	
4711	50	55	15.2	16.8	ChlQtzSch			dk gn	as above, less Qtz	v w. oxi	
4712	55	60	16.8	18.3	ChlQtzSch	v.w. car		dk gn	as above		
4713	60	65	18.3	19.8	ChlQtzSch	w. perv car	tr pyy	dk gn	as above, w/ v chl-rich layers, wt Qtz 5%		
4714	65	70	19.8	21.3	ChlQtzSch	w. perv car	tr pyy	dk gn			
4715	70	75	21.3	22.9	ChlQtzSch	w. perv car	tr pyy	dk gn	Fe-car pervasive and along fractures xcutting	v chl-rich	
4716	75	80	22.9	24.4	ChlQtzSch	m car		dk gn	as above car +/- Qtz vnlts xcut schistosity		
4717	80	85	24.4	25.9	ChlQtzSch	s car		dk gn	as above w/ v abundant cal+Qtz		
4718	85	90	25.9	27.4	ChlQtzSch	w car		dk gn	as above w/ car stringers, Fe-car staining Qtz?		
4719	90	95	27.4	29.0	ChlQtzSch	w car		dk gn	as above, v chl-rich (ChlSch)		
4720	95	100	29.0	30.5	ChlQtzSch	w car		dk gn	as above		
4721	100	105	30.5	32.0	ChlQtzSch	m car		dk gn	as above		
4722	105	110	32.0	33.5	ChlQtzSch	m car		dk gn	as above		
4723	110	115	33.5	35.1	ChlQtzSch	m car		dk gn	as above, increase in Qtz content		
4724	115	120	35.1	36.6	ChlQtzSch	local s car		dk gn	abundant Qtz+car bands, w/ bright gn chl in Qtz		
4725	120	125	36.6	38.1	ChlQtzSch	local s car		dk gn	occasional Qtz+car bands		
4726	125	130	38.1	39.6	ChlQtzSch	local s car		dk gn	occasional Qtz+car bands		
4727	130	135	39.6	41.1	ChlQtzSch	local s car		dk gn	occasional Qtz+car bands		
4728	135	140	41.1	42.7	ChlQtzSch	w-m ser, w car	tr pyy	dk gn	car along fractures in Qtz, ser altn of chl		
4729	140	145	42.7	44.2	ChlQtzSch	w local car		dk gn	as above, but no ser		
4730	145	150	44.2	45.7	ChlQtzSch	m perv car		dk gn	as above		
4731	150	155	45.7	47.2	ChlQtzSch	m local car		dk gn	as above, car + Qtz bands/veinlets		
4732	155	160	47.2	48.8	ChlQtzSch	m local car		dk gn	as above, w/ dk gn chl-rich bands with Qtz		
4733	160	165	48.8	50.3	ChlQtzSch	m car		m-dk gn	as above, car perv & stringers xcutting schist		
4734	165	170	50.3	51.8	ChlQtzSch	w car		m gn	as above, 30% of interval oxidized/fractured	possible fault @165	
4735	170	175	51.8	53.3	ChlQtzSch	w car		m gn	as above, 40% of interval oxidized/fractured		
4736	175	180	53.3	54.9	ChlQtzSch	w car	tr pyy	m gn	more Qtz, w/ bright gn chl-rich layers in Qtz		
4737	180	185	54.9	56.4	ChlQtzSch	w car	tr pyy	dk gn	as above		
4738	185	190	56.4	57.9	ChlMusQtzSch	w car		dk gn	as above, w/ chl stringers xcutting foliation?		
4739	190	195	57.9	59.4	ChlMusQtzSch	w car	tr pyy	dk gn	alternating mus-rich and chl-rich layers		
4740	195	200	59.4	61.0	ChlMusQtzSch	w car	tr pyy	dk gn	as above, but mostly chl, less mus		
4741	200	205	61.0	62.5	ChlQtzSch	w car	tr pyy	dk gn	w car along fractures in Qtz		
4742	205	210	62.5	64.0	ChlQtzSch	w car	tr pyy	dk gn	as above		
4743	210	215	64.0	65.5	ChlQtzSch	w car	tr pyy	dk gn	as above w/ perv car produces bleached patches		
4744	215	220	65.5	67.1	ChlQtzSch	w car	tr pyy	dk gn	as above, w/ increase in wt Qtz, car in gy Qtz		
4745	220	225	67.1	68.6	ChlQtzSch	w car	tr pyy	dk gn/wt	host rock same as above, 75% barren wt Qtz		
4746	225	230	68.6	70.1	ChlQtzSch	w car	tr pyy	dk gn	same as 210-215		
4747	230	235	70.1	71.6	ChlQtzSch	w car	tr pyy	dk gn	same as above		
4748	235	240	71.6	73.2	ChlQtzSch	w car	tr pyy	dk gn	same as above		
4749	240	246	73.2	75.0	ChlQtzSch	w car	tr pyy	dk gn	same as above	END OF HOLE	

HOLE NO. 93-LS- 22					AZ: 064	DIP: -60	DEPTH: 75m	LOCATION: Buckland Zone		LOGGED BY: PL	
							UTM: 585727.750 7084640.500				
SAMPLE NO.	FROM(FT)	TO (FT)	FROM (M)	TO (M)	ROCK TYPE	ALTERATION	SULPHIDES	COLOUR	DESCRIPTION	REMARKS	GRAPHIC LOG
4751	0	5	0.0	1.5	Ovb				Mixed rocks and humus.Mostly mus Qtz sch.		Δ. Δ.
4752	5	10	1.5	3.0	Ovb				As above.		
4753	10	15	3.0	4.6	MusChlQtzSch	V.W. Ser	Tr. Pyy	M-L Gn	M-L Gn waxy sheen-15-20% milky-mod oxi.		2
4754	15	20	4.6	6.1	MusChlQtzSch	V.W. Ser	Tr. Pyy	M-L Gn	Lighter green than above & less oxi.		
4755	20	25	6.1	7.6	MusQtzChlSch	N/A	Tr. Pyy	M-LBn/Gn	Mod oxi- 5% Qtz.		2
4756	25	30	7.6	9.1	MusQtzChlSch	N/A	1% Pyy	M-L Gn	As above but less oxi.		
4757	30	35	9.1	10.7	MusQtzChlSch	N/A	1% Pyy	M-L Gn	As above but less oxi.		2
4758	35	40	10.7	12.2	MusQtzChlSch	W. Car	1% Pyy	M-L Gn	As above but more silvery-Qtz/carb+-Fe-carb.		
4759	40	45	12.2	13.7	MusQtzChlSch	N/A	1% Pyy	Olive Gn	40% Qtz- well crenulated		2
4760	45	50	13.7	15.2	ChlMusQtzSch	W. Car	Tr. Pyy	Olive Gn	20% Qtz greener than above More chloritic.		
4761	50	55	15.2	16.8	ChlMusQtzSch	W. Car	Tr. Pyy	Olive Gn	As above.		2
4762	55	60	16.8	18.3	ChlMusQtzSch	N/A	Tr. Pyy	Olive Gn	As above but 50% Qtz		
4763	60	65	18.3	19.8	ChlMusQtzSch	N/A	Tr. Pyy	Olive Gn	As above. 15% Qtz.		2
4764	65	70	19.8	21.3	ChlMusQtzSch	N/A	Tr. Pyy	Olive Gn	As above.		
4765	70	75	21.3	22.9	ChlMusQtzSch	N/A	Tr. Pyy	Olive Gn	As above.		2
4766	75	80	22.9	24.4	ChlMusQtzSch	W. Car	Tr. Pyy	Olive Gn	As above.		
4767	80	85	24.4	25.9	ChlMusQtzSch	W. Car	Tr. Pyy	Olive Gn	As above but 5% Qtz.		2
4768	85	90	25.9	27.4	ChlMusQtzSch	W. Car	Tr. Pyy	Olive Gn	As above.		
4769	90	95	27.4	29.0	ChlMusQtzSch	W.Car,W.Ser.	Tr. Pyy	Gy/Gn	Slightly more mus rich-weakly sericitized.		2
4770	95	100	29.0	30.5	ChlMusQtzSch	W. Car	Tr. Pyy	Silv/Gn	As above but slightly more sericitic.50% Qtz.		
4771	100	105	30.5	32.0	ChlMusQtzSch	W. Car	Tr. Pyy	Olive Gn	As 85-90 but 25% Qtz.		2
4772	105	110	32.0	33.5	ChlMusQtzSch	W. Car	Tr. Pyy	Olive Gn	As above but 1% Qtz.		
4773	110	115	33.5	35.1	ChlMusQtzSch	M. Car	Tr. Pyy	Olive Gn	As above.		2
4774	115	120	35.1	36.6	MusChlQtzSch	M. Car	Tr. Pyy	L. Olive	Slightly more muscovitic than above.		
4775	120	125	36.6	38.1	ChlMusQtzSch	M. Car	Tr. Pyy	Silv.Gn	More muscovite than above.		2
4776	125	130	38.1	39.6	ChlMusQtzSch	M. Car	Tr. Pyy	Olive Gn	As 110-115.		
4777	130	135	39.6	41.1	ChlMusQtzSch	M. Car	Tr. Pyy	Olive Gn	As above.		2
4778	135	140	41.1	42.7	ChlMusQtzSch	W. Car	Tr. Pyy	Olive Gn	As above.		
4779	140	145	42.7	44.2	ChlMusQtzSch	W. Car	Tr. Pyy	Olive Gn	As above.		2
4780	145	150	44.2	45.7	ChlMusQtzSch	M. Car	Tr. Pyy	Olive Gn	Has patchy chl blebs. Car & Fe-car veins/bands		
4781	150	155	45.7	47.2	ChlMusQtzSch	M. Car	Tr. Pyy	Bf&B.Gn	50% Qtz/car- has bright gn chl blebs in QtzCar		2
4782	155	160	47.2	48.8	ChlMusQtzSch	M. Car	Tr. Pyy	Olive Gn	As 145-150.		
4783	160	165	48.8	50.3	ChlMusQtzSch	W. Car	Tr. Pyy	Olive Gn	As above.		2
4784	165	170	50.3	51.8	ChlMusQtzSch	W. Car	Tr. Pyy	Olive Gn	Has bright green chl in Qtz/car bands/veins.		
4785	170	175	51.8	53.3	ChlMusQtzSch	W. Car	Tr. Pyy	Olive Gn	As above but no bright green chl.		2
4786	175	180	53.3	54.9	ChlMusQtzSch	W. Car	Tr. Pyy	Olive Gn	As above.		
4787	180	185	54.9	56.4	ChlMusQtzSch	W. Car	Tr. Pyy	Olive Gn	As above.		2
4788	185	190	56.4	57.9	ChlMusQtzSch	M.Perv. Car.	Tr. Pyy	Olive Gn	As above but carb is pervasive.		
4789	190	195	57.9	59.4	ChlMusQtzSch	M.Perv. Car.	Tr. Pyy	Olive Gn	As above.		2
4790	195	200	59.4	61.0	ChlMusQtzSch	W.Perv. Car	Tr. Pyy	Olive Gn	As above.		
4791	200	205	61.0	62.5	ChlMusQtzSch	W.Perv. Car	Tr. Pyy	Olive Gn	As above.		2
4792	205	210	62.5	64.0	ChlMusQtzSch	W.Perv. Car	Tr. Pyy	Olive Gn	As above.		
4793	210	215	64.0	65.5	ChlMusQtzSch	M.Perv. Car	Tr. Pyy	Olive Gn	As above but carb is stronger.		2
4794	215	220	65.5	67.1	ChlMusQtzSch	M.Perv. Car	Tr. Pyy	Olive Gn	As above.		
4795	220	225	67.1	68.6	Chl Qtz Sch	M.Perv. Car	Tr. Pyy	D. Gn	D. green chloritic. V.little mus.2-3%Qtz.		2
4796	225	230	68.6	70.1	ChlMusQtzSch	M.Perv. Car	Tr. Pyy	M. Gn	As above but slightly more mus.		
4797	230	235	70.1	71.6	Chl Qtz Sch	M.Perv. Car	Tr. Pyy	D. Gn	As above.		2
4798	235	240	71.6	73.2	Chl Qtz Sch	W.Perv.CarWSer	Tr. Pyy	D. Gn	As above but wkly oxidized.		
4799	240	246	73.2	75.0	Chl Qtz Sch	W.Perv.CarWSer	Tr. Pyy	D. Gn	As above but not oxidized.	END OF HOLE	

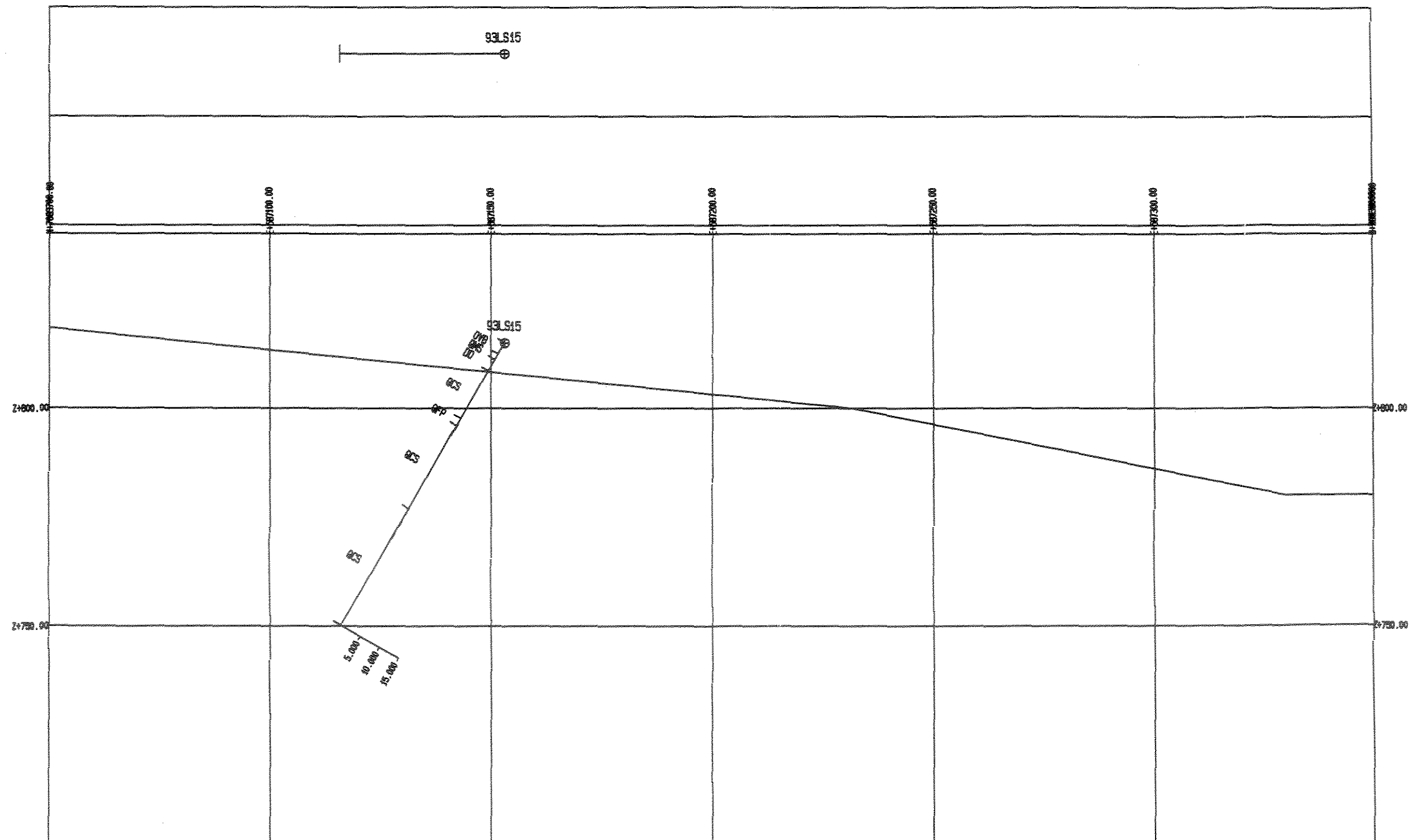
HOLE NO. 93-LS- 23					AZ: 064	DIP: -60	DEPTH: 75m	LOCATION: Buckland Zone		LOGGED BY: ALD		
									UTM: 585654.063 7084618.500			
SAMPLE NO.	FROM(FT)	TO (FT)	FROM (M)	TO (M)	ROCK TYPE	ALTERATION	SULPHIDES	COLOUR	DESCRIPTION	REMARKS	GRAPHIC LOG	
4801	0	5	0.0	1.5	Ovb			gr	mixed ChlQtzSch with minor organics	oxi		
4802	5	10	1.5	3.0	Ovb			gr	ChlQtzSch with minor organics	oxi		
4803	10	15	3.0	4.6	ChlQtzSch	s patchy slc	tr oxi pyy	gn	patchy bleaching from silicification	w oxi		
4804	15	20	4.6	6.1	ChlQtzSch	s patchy slc	tr oxi pyy	gn	patchy bleaching from silicification	w oxi		
4805	20	25	6.1	7.6	ChlQtzSch	s patchy slc	tr oxi pyy	gn	patchy bleaching from silicification	w oxi		
4806	25	30	7.6	9.1	ChlQtzSch	s patchy slc	tr oxi pyy	gn	patchy bleaching from silicification	w oxi		
4807	30	35	9.1	10.7	ChlQtzSch	m patchy slc	tr oxi pyy	gr	patchy bleaching from silicification	w oxi		
4808	35	40	10.7	12.2	ChlQtzSch		tr oxi pyy	gr	bright gn chl in Qtz, 2% wt Qtz, schist not slc			
4809	40	45	12.2	13.7	ChlQtzSch		tr oxi pyy	gr	abundant bt gn chl associated w/ carb & Qtz			
4810	45	50	13.7	15.2	ChlQtzSch		tr oxi pyy	gn	same as above, varying in amt of bright gn chl			
4811	50	55	15.2	16.8	ChlQtzSch		tr oxi pyy	gn	same as above, varying in amt of bright gn chl			
4812	55	60	16.8	18.3	ChlQtzSch		tr oxi pyy	gn	same as above, varying in amt of bright gn chl			
4813	60	65	18.3	19.8	QtzChlSch	m perv slc	tr pyy	gn	intervals of pink hue to sch			
4814	65	70	19.8	21.3	QtzChlSch	s perv slc	tr pyy	gn	as above but rare red tinge			
4815	70	75	21.3	22.9	QtzChlSch	s perv slc	tr pyy	gn	<5% aphanitic mafic dyke, w/ carb + Qtz bands			
4816	75	80	22.9	24.4	Mafic dyke			dk bn	aphanitic brown mafic dyke, non-magnetic			
4817	80	85	24.4	25.9	Contact			kn/gn	Contact of mafic dyke and ChlQtzSch about 82'			
4818	85	90	25.9	27.4	QtzChlSch	w perv slc	tr pyy	gn	w/ bright gn chl associated with Qtz bands			
4819	90	95	27.4	29.0	QtzChlSch	w perv slc	tr pyy	gn	as above			
4820	95	100	29.0	30.5	QtzChlSch	s perv slc	tr pyy	gn	as above			
4821	100	105	30.5	32.0	QtzChlSch			gn	less sil, rare frag v. weathrd mafic dyke	possible contaminatn		
4822	105	110	32.0	33.5	QtzChlSch			gn	as above			
4823	110	115	33.5	35.1	ChlQtzSch			gn	very chlorite-rich, much less siliceous			
4824	115	120	35.1	36.6	QtzChlSch		tr oxi py	gr	slightly more siliceous	mod oxi		
4825	120	125	36.6	38.1	QtzChlSch	w slc	tr pyy	gn	bleached, more siliceous	w oxi		
4826	125	130	38.1	39.6	QtzChlSch			dk gn	more chloritic	w oxi		
4827	130	135	39.6	41.1	ChlQtzSch		tr pyy	dk gn	more chloritic, Qtz occurs in distinct bands	w oxi		
4828	135	140	41.1	42.7	ChlQtzSch		tr pyy	dk gn	v fractured, oxi fractures, clayey, fault?	fault zone?		
4829	140	145	42.7	44.2	ChlQtzSch		tr pyy	dk gn	same as 130-135			
4830	145	150	44.2	45.7	ChlQtzSch			dk gn	as above			
4831	150	155	45.7	47.2	Mafic dyke	s car		gy/ox	95% black aphanitic dyke, magnetic, 5% as above			
4832	155	160	47.2	48.8	ChlQtzSch		tr pyy	dk gn	same as 145-150			
4833	160	165	48.8	50.3	ChlQtzSch		tr pyy	m gn	as above, w/ rare fragments of mafic dyke			
4834	165	170	50.3	51.8	ChlQtzSch		tr pyy	m gn	same as above			
4835	170	175	51.8	53.3	ChlQtzSch	w patchy slc	tr pyy	m gn	patchy bleaching - w slc			
4836	175	180	53.3	54.9	ChlQtzSch	w patchy slc	tr pyy	gr	m fracturing	strongly oxidized		
4837	180	185	54.9	56.4	ChlQtzSch	w patchy slc	tr pyy	gr	same as above	strongly oxidized		
4838	185	190	56.4	57.9	ChlQtzSch	w patchy slc	tr pyy	gr	same as above	strongly oxidized		
4839	190	195	57.9	59.4	QtzVein/band		tr pyy	wt	95% of interval is wt Qtz, 25% is oxi on fract	moderately oxi		
4840	195	200	59.4	61.0	QtzV/schist		<1% pyy	wt/gn	50% of interval is wt Qtz, 50% is oxi ChlQtzSch	w-m oxi		
4841	200	205	61.0	62.5	ChlQtzSch	w ser	tr pyy	gn	very weak silicification	w oxi		
4842	205	210	62.5	64.0	ChlQtzSch	w ser	tr pyy	gn	weak silicification			
4843	210	215	64.0	65.5	ChlQtzSch	w ser	tr pyy	gn	as above, with increase in Qtz bands			
4844	215	220	65.5	67.1	ChlQtzSch	w ser	tr pyy	gn	as above			
4845	220	225	67.1	68.6	ChlQtzSch	m ser	tr pyy	gn	as above, increase in ser altn			
4846	225	230	68.6	70.1	ChlQtzSch	m ser	tr pyy	gn	sericite in local patches			
4847	230	235	70.1	71.6	ChlQtzSch	w ser	tr pyy	gn	w sericite in rare patches			
4848	235	240	71.6	73.2	ChlQtzSch		tr pyy	gn	weakly fractures w/oxi along fractures, no ser			
4849	240	246	73.2	75.0	ChlQtzSch	m ser	tr pyy	gn	as above, increase in ser altn	END OF HOLE		

HOLE NO. 93-LS- 26				AZ: 090	DIP: -60	DEPTH: 75m	LOCATION: Boulder Lode			LOGGED BY: PL	
							UTM: 587167.500 7084763.500				
SAMPLE NO.	FROM(FT)	TO (FT)	FROM (M)	TO (M)	ROCK TYPE	ALTERATION	SULPHIDES	COLOUR	DESCRIPTION	REMARKS	GRAPHIC LOG
4951	0	5	0.0	1.5	Ovb				Mixed rocks and humus.	Drill pad material.	
4952	5	10	1.5	3.0	Ovb				Mixed rocks and humus.	Drill pad material.	
4953	10	15	3.0	4.6	Ovb				Mixed rocks and humus.	Drill pad material.	
4954	15	20	4.6	6.1	Ovb				Mixed rocks and humus.	Drill pad material.	
4955	20	25	6.1	7.6	Ovb				Mixed rocks and humus.		
4956	25	30	7.6	9.1	Ovb				Mixed rocks and humus.		
4957	30	35	9.1	10.7	Ovb				Mixed rocks and humus.		
4958	35	40	10.7	12.2	Ovb				Mixed rocks and humus.		
4959	40	45	12.2	13.7	Ovb				Mixed rocks and humus.		
4960	45	50	13.7	15.2	Ovb				Ovb and rotten bedrock.		
4961	50	55	15.2	16.8	Ovb/Bedrock				Contact with fresh bedrock. See below.		
4962	55	60	16.8	18.3	ChlMusQtzSch	M. Perv. Car	<1% Py	M.-D. Gn	M-d gn calcareous chl rich sch. Tr. pink min.		
4963	60	65	18.3	19.8	ChlMusQtzSch	M. Perv. Car	<1% Py	M.-D. Gn	As above but 5% qtz.No pink mineral.		
4964	65	70	19.8	21.3	ChlMusQtzSch	W.PervCarWSer	1% Py	M.-D. Gn	As above. Silvery ser. starting to appear.		
4965	70	75	21.3	22.9	ChlMusQtzSch	W.PervCarWSer	1% Py	M.-D. Gn	As above.		
4966	75	80	22.9	24.4	ChlMusQtzSch	W.PervCarWSer	1% Py	SilvGyGn	50% oxi Mus/ser?Sch.Loc. epi,car and w. ser.	Fault?	
4967	80	85	24.4	25.9	ChlMusQtzSch	W.Perv. Car	1% Py	D.Gy/Gn	Rel. unaltered. Dark gray green mafic. 5% qtz.		
4968	85	90	25.9	27.4	ChlMusQtzSch		<1% Py	D.Gy/Gn	Unaltered.D-M gray/green.		
4969	90	95	27.4	29.0	ChlMusQtzSch	V.W. Ser	<1% Py	D.Gy/Gn	As above-50% chips oxi.V.W. Ser.		
4970	95	100	29.0	30.5	ChlMusQtzSch	V.W. Ser	<1% Py	D.Gy/Gn	More silvery grey.		
4971	100	105	30.5	32.0	ChlMusQtzSch	V.W. Ser Car	<1% Py	D.Gy/Gn	As above.		
4972	105	110	32.0	33.5	ChlMusQtzSch	V.W. Ser Car	<1% Py	D.Gy/Gn	As above- slightly greener-more chl-30% qtz.		
4973	110	115	33.5	35.1	ChlMusQtzSch	V.W. Ser Car	<1% Py	D.Gy/Gn	As above but 50% oxi chips.	Fault?	
4974	115	120	35.1	36.6	ChlMusQtzSch	V.W. Ser Car	<1% Py	D.Gy/Gn	As above.	Fault?	
4975	120	125	36.6	38.1	ChlMusQtzSch	W. Car	<1% Py	D.Gy/Gn	As above but ser faded out.		
4976	125	130	38.1	39.6	ChlMusQtzSch		<1% Py	D.Gy/Gn	Unaltered v.fresh rock.		
4977	130	135	39.6	41.1	ChlMusQtzSch		<1% Py	D.Gy/Gn	As above.		
4978	135	140	41.1	42.7	ChlMusQtzSch		<1% Py	D.Gy/Gn	As above.		
4979	140	145	42.7	44.2	ChlMusQtzSch	V.W. Car	<1% Py	D. Gn/Gy	Slightly more chl..Carb in stringers in qtz.		
4980	145	150	44.2	45.7	ChlMusQtzSch	W. Perv. Car	<1% Py	D.Gy/Gn	More mus. As 135-140.		
4981	150	155	45.7	47.2	ChlMusQtzSch	W. Perv. Car	<1% Py	D.Gy/Gn	As above.	V. small sample.	
4982	155	160	47.2	48.8	ChlMusQtzSch	W. Perv. Car	<1% Py	D.Gy/Gn	As above.	V. small sample.	
4983	160	165	48.8	50.3	ChlMusQtzSch	W. Perv. Car	<1% Py	D. Gn/Gy	Greener and more chloritic.		
4984	165	170	50.3	51.8	ChlMusQtzSch	W. Perv. Car	<1% Py	D. Gn/Gy	As above- local epidote in qtz/carb.		
4985	170	175	51.8	53.3	ChlMusQtzSch		<1% Py	D. Gn/Gy	As above-no carb.		
4986	175	180	53.3	54.9	ChlMusQtzSch		<1% Py	D. Gy/Gn	More gray than above-unaltered.		
4987	180	185	54.9	56.4	ChlMusQtzSch	V.W. Car	<1% Py	D. Gy/Gn	As above.		
4988	185	190	56.4	57.9	ChlMusQtzSch	V.W. Car	<1% Py	D. Gy/Gn	As above.		
4989	190	195	57.9	59.4	ChlMusQtzSch	V.W. Car	<1% Py	D. Gy/Gn	As above.		
4990	195	200	59.4	61.0	ChlMusQtzSch	V.W. Car	<1% Py	D. Gy/Gn	As above but 10% oxi felsic fragments.		
4991	200	205	61.0	62.5	ChlMusQtzSch	V.W. Car	<1% Py	D. Gy/Gn	No oxi felsic fragments.		
4992	205	210	62.5	64.0	ChlMusQtzSch	W. Sau, Car	<1% Py	D. Gy/Gn	As above-local epidote with carb.		
4993	210	215	64.0	65.5	ChlMusQtzSch	W. Ser,Car	<1% Py	D. Gy/Gn	As above but weak white/silver sericite.		
4994	215	220	65.5	67.1	ChlMusQtzSch	W. Ser,Car	<1% Py	D. Gy/Gn	As above.		
4995	220	225	67.1	68.6	ChlMusQtzSch	W. Ser,Car	<1% Py	D. Gy/Gn	As above.		
4996	225	230	68.6	70.1	ChlMusQtzSch	W. Ser,Car	<1% Py	D. Gn/Gy	Slightly more chloritic.		
4997	230	235	70.1	71.6	ChlMusQtzSch	W. Ser	<1% Py	D. Gn/Gy	As above.		
4998	235	240	71.6	73.2	ChlMusQtzSch	W. Ser	<1% Py	D. Gn/Gy	As above.		
4999	240	246	73.2	75.0	ChlMusQtzSch	W. Ser	<1% Py	D. Gn/Gy	As above.	END OF HOLE	

HOLE NO. 93-LS-27					AZ: 090	DIP: -60	DEPTH: 75m	LOCATION: Gay Gulch		LOGGED BY: PL	
							UTM: 586960.875 7084831.500				
SAMPLE NO.	FROM(FT)	TO (FT)	FROM (M)	TO (M)	ROCK TYPE	ALTERATION	SULPHIDES	COLOUR	DESCRIPTION	REMARKS	GRAPHIC LOG
5001	0	5	0.0	1.5	Ovb				Mixed rocks and humus.		▽ △ ▽ ▽
5002	5	10	1.5	3.0	Ovb				Mixed rocks and humus.		
5003	10	15	3.0	4.6	Ovb				Mixed rocks and humus.		
5004	15	20	4.6	6.1	Ovb				Mixed rocks and humus.		
5005	20	25	6.1	7.6	Ovb				Mixed rocks and humus.		
5006	25	30	7.6	9.1	Ovb/Bedrock				Contact of ovb and bedrock. Rock same as below	Ovb contact- 27'.	2
5007	30	35	9.1	10.7	MusChlQtzSch		Tr. oxi Pyy	M-D Gn	M-D green and gravelly		
5008	35	40	10.7	12.2	MusChlQtzSch		Tr. oxi Pyy	L-MOXiGn	Mod. oxidized.		
5009	40	45	12.2	13.7	MusChlQtzSch		Tr. oxi Pyy	L-MOXiGn	Less oxi-seems less chloritic.		
5010	45	50	13.7	15.2	MusChlQtzSch		Tr. oxi Pyy	L-MOXiGn	As above.		
5011	50	55	15.2	16.8	MusChlQtzSch		Tr. oxi Pyy	L-MOXiGn	As above-still weakly oxidized.		2
5012	55	60	16.8	18.3	MusChlQtzSch		Tr. oxi Pyy	L-MOXiGn	As above.		
5013	60	65	18.3	19.8	MusChlQtzSch	w Slc	Tr. oxi Pyy	L-M Gn	Not oxi-50% is wkly slcsl.gn-rest is gy/gn.		
5014	65	70	19.8	21.3	MusChlQtzSch		Tr. oxi Pyy	L-MOXiGn	As 55-60.		
5015	70	75	21.3	22.9	MusChlQtzSch		Tr. oxi Pyy	L-MOXiGn	As above.		
5016	75	80	22.9	24.4	MusChlQtzSch		Tr. oxi Pyy	L-MOXiGn	As above.	Small sample.	2
5017	80	85	24.4	25.9	QtzChlSch		Tr. oxi Pyy	Olive Gn	75% oxi gn Qtz- seems mod. weathered.	Pr-met fel-int.dyke?	
5018	85	90	25.9	27.4	QtzChlSch		Tr. oxi Pyy	Olive Gn	As above.	Pr-met fel-int.dyke?	
5019	90	95	27.4	29.0	MusChlQtzSch	v w dol	Tr. oxi Pyy	L-MOXiGn	As 75-80 but v w dol.		
5020	95	100	29.0	30.5	MusChlQtzSch	v w dol	Tr. oxi Pyy	L-MOXiGn	Contact unit. Some rocks from above and below		2
5021	100	105	30.5	32.0	MusChlQtzSch	v w dol	Tr. oxi Pyy	M Gy/Gn	M gray/green. 20% chips oxidized beige/brown.		
5022	105	110	32.0	33.5	Qtz Chl Sch	v w dol, epi	Tr. Pyy	D Gy/Gn	intrusive appearance, weakly foliated, 60%qtz	Pre-met Dir/Gab?	
5023	110	115	33.5	35.1	Chl Qtz Sch	v w dol	Tr. Pyy	D Gy/Gn	As above but 30% Qtz.	Pre-met Dir/Gab?	
5024	115	120	35.1	36.6	Chl Qtz Sch	v w dol	Tr. Pyy	D Gn	As above but very fresh.	Mafic volcanic?	
5025	120	125	36.6	38.1	Chl Qtz Sch	v w dol	Tr. Pyy	D Gn	As above.		X
5026	125	130	38.1	39.6	ChlMusQtzSch	v w dol, Ser	Tr. Pyy	D-M Gn	As above but has silvery white sericite.		
5027	130	135	39.6	41.1	ChlMusQtzSch	v w dol, Ser	1% Pyy	D-M Gn	As above- more Pyy-20% chips oxi -gravelly.	Small fault?	
5028	135	140	41.1	42.7	Chl Qtz Sch	v w dol, Ser	Tr. Pyy	D Gn	As 120-125, but v. weak ser.		
5029	140	145	42.7	44.2	ChlMusQtzSch	w Ser	Tr. Pyy	D-M Gn	More ser than above. 20% oxi-no dol.		
5030	145	150	44.2	45.7	ChlMusQtzSch	v w Ser	Tr. Pyy	DSilv/Gn	As above-fresher-no oxi- weaker ser.		X
5031	150	155	45.7	47.2	ChlMusQtzSch	v w Ser	Tr. Pyy	DSilv/Gn	As above but 20% oxi beige/brown chips.		
5032	155	160	47.2	48.8	ChlMusQtzSch	w Ser	Tr. Pyy	MSilv/Gn	As above but mus?ser>chl.		
5033	160	165	48.8	50.3	ChlMusQtzSch	w Ser	Tr. Pyy	MSilv/Gn	As above-fresh, no oxi.		
5034	165	170	50.3	51.8	Dib	w Perv.Car	Tr.V.f.g.Pyy	VD Gn-Bk	Black non foliated, magnetic dyke.	Mafic(ultra?) dyke.	
5035	170	175	51.8	53.3	Dib	w Perv.Car	Tr.V.f.g.Pyy	VD Gn-Bk	As above but local epidote/Qtz/carb stingers.	Mafic(ultra?) dyke.	
5036	175	180	53.3	54.9	ChlMusQtzSch	w Ser	Tr. Pyy	MSilv/Gn	20% grey aphanitic, non-fol chips lmm chl pheno		
5037	180	185	54.9	56.4	ChlQtzMusSch	m Ser, w Car	1% Pyy	MSilv/Gn	Fresh-M green & white w silver/white ser.		
5038	185	190	56.4	57.9	ChlQtzMusSch	w Ser, w Car	1% Pyy	DSilv/Gn	As above but slightly greener-weaker ser.		
5039	190	195	57.9	59.4	ChlQtzMusSch	Vw Ser, w Car	1% Pyy	DSilv/Gn	Weaker ser.-greener and less altered.		X
5040	195	200	59.4	61.0	ChlQtzMusSch	Vw Ser, w Car	1% Pyy	DSilv/Gn	As above.		
5041	200	205	61.0	62.5	ChlQtzMusSch	Vw Ser, w Car	<1% Pyy	DSilv/Gn	As above.		
5042	205	210	62.5	64.0	ChlQtzMusSch	Vw Ser, w Car	<1% Pyy	DSilv/Gn	As above.		
5043	210	215	64.0	65.5	ChlQtzMusSch	Vw Ser, w Car	<1% Pyy	DSilv/Gn	As above.		
5044	215	220	65.5	67.1	ChlQtzMusSch	Vw Ser, w Car	<1% Pyy	DSilv/Gn	As above.		X
5045	220	225	67.1	68.6	ChlQtzMusSch	Vw Ser, w Car	<1% Pyy	DSilv/Gn	As above-almost no ser. Decreases downhole.		
5046	225	230	68.6	70.1	ChlQtzMusSch	Vw Ser, w Car	<1% Pyy	DSilv/Gn	As above.		
5047	230	235	70.1	71.6	ChlQtzMusSch	Vw Ser, w Car	<1% Pyy	DSilv/Gn	As above.		
5048	235	240	71.6	73.2	ChlQtzMusSch	Vw Ser, w Car	<1% Pyy	DSilv/Gn	As above.		
5049	240	246	73.2	75.0	ChlQtzMusSch	Vw Ser, w Car	<1% Pyy	DSilv/Gn	As above.	END OF HOLE	

APPENDIX B

Drill Sections



Kennecott Canada Inc.

Suite 354

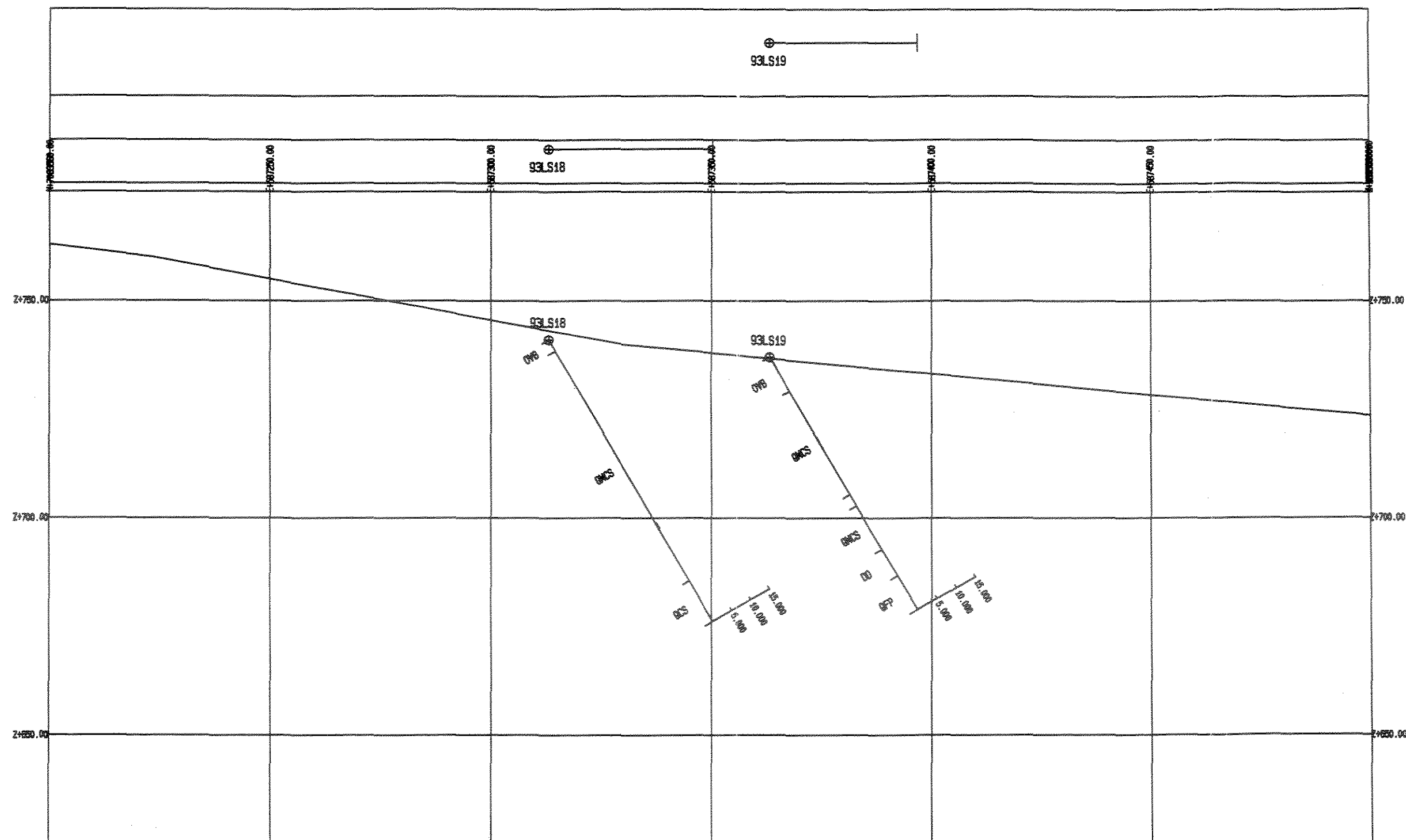
200 Granville Street
Vancouver, BC V6C 1S4

DATE: 05/12/94 TIME: 10:39:13

SCALE (HOR) 1:1000 SCALE (VERT) 1:1000

Software by GEMCON Services Inc.

1993 LONESTAR DRILLING
DRILL HOLE: 93LS15
GEOLOGY AND GOLD HISTOGRAM (GRAMS / TONNE)



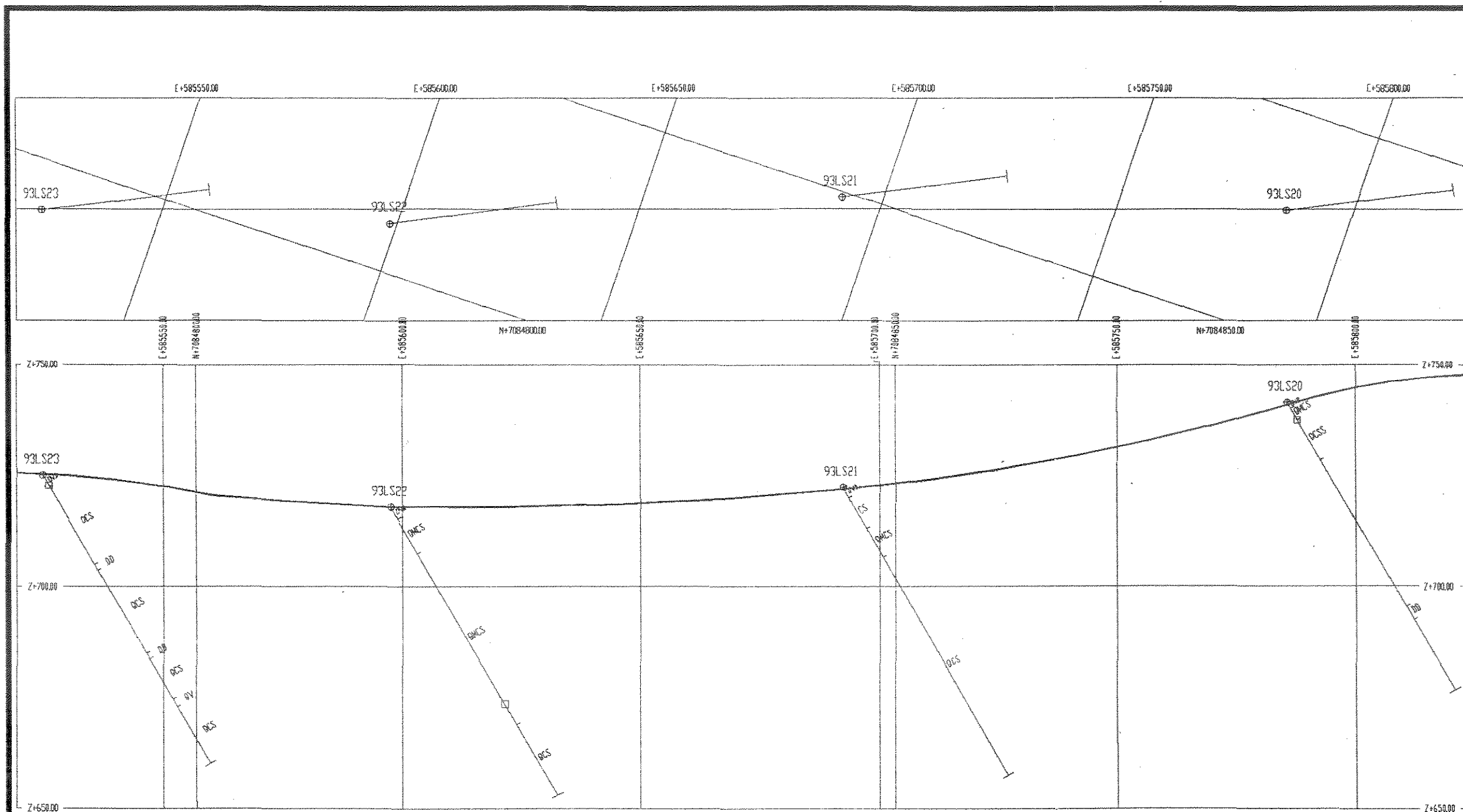
Kennecott Canada Inc.
Suite 354
200 Granville Street
Vancouver, BC V6C 1S4

DATE: 05/12/94 TIME: 10:34:01

SCALE (HOR) 1:1000 SCALE (VERT) 1:1000

1993 LONESTAR DRILLING
DRILL HOLES: 93LS18 AND 93LS19
GEOLOGY AND GOLD HISTOGRAM (GRAMS / TONNE)

Software by GENCOM Services Inc.

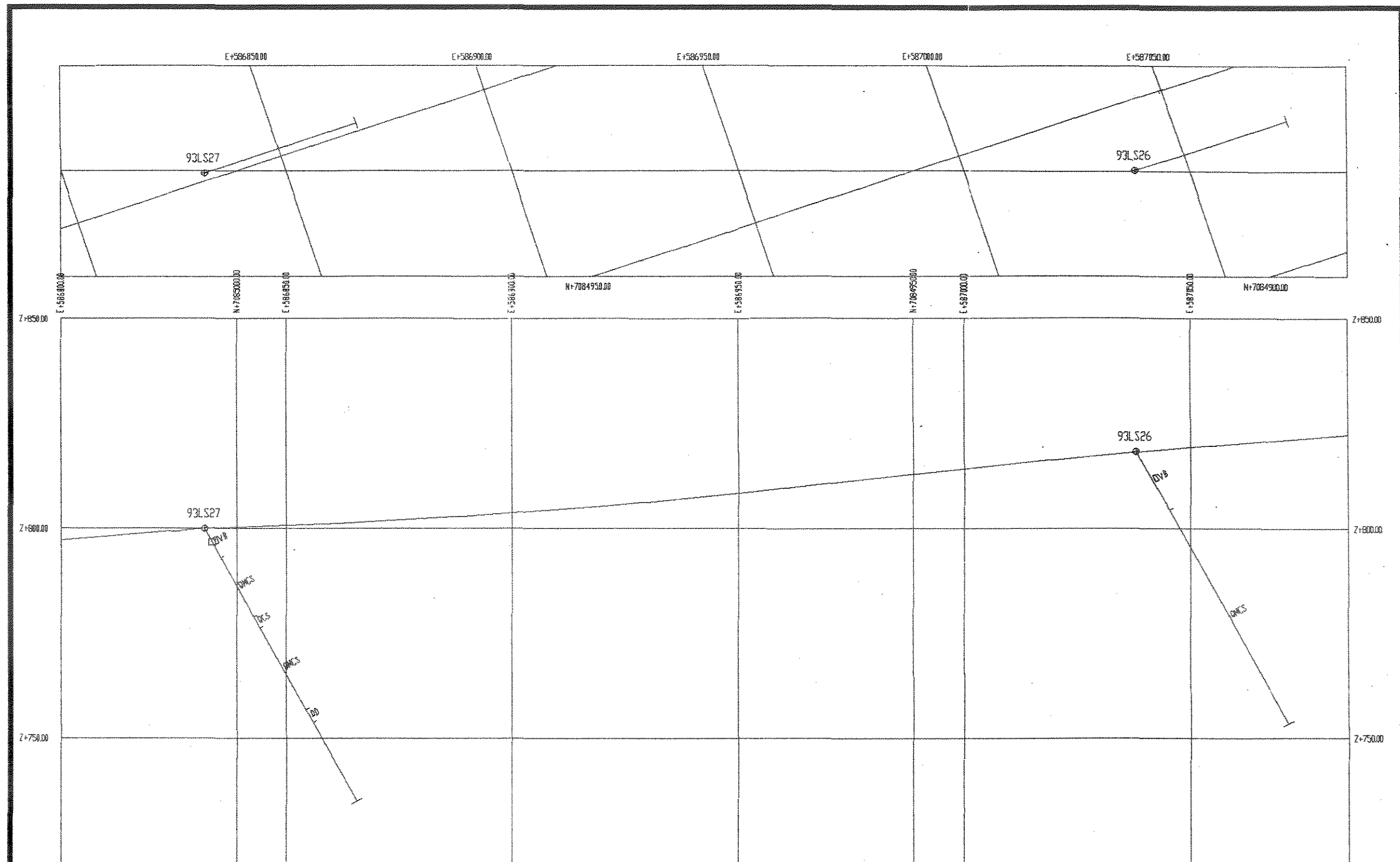


Kennecott Canada Inc.
Suite 354
200 Granville Street
Vancouver, BC V6C 1S4

DATE: 05/12/94 TIME: 10:41:02

SCALE (HOR) 1:1000 SCALE (VERT) 1:1000

1993 LONESTAR DRILLING
DRILLHOLES 93LS20, 21, 22 AND 23
GEOLOGY



Kennecott Canada Inc.

Suite 354
200 Granville Street
Vancouver, BC V6C 1S4

DATE: 05/12/94 TIME: 10:54:57

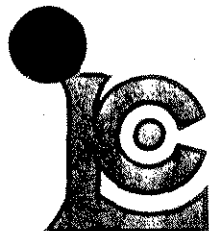
SCALE (HOR) 1:1000 SCALE (VERT) 1:1000

1993 LONESTAR DRILLING
DRILLHOLES 93LS26 AND 27

GEOLOGY

APPENDIX C

Drilling Results



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.

138 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project: 05-432 93LS15
Comments: ATTN:ANN DOYLE

1 Per :1
Pages :2
Certificate Date: 15-MAY-93
Invoice No. :19314046
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314046

SAMPLE	PREP CODE	Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04351A 000-005	207 274	0.45	< 0.07	< 0.07	< 0.002	213	7.49				
VR04352A 005-010	207 274	4.27	< 0.07	< 0.07	< 0.002	318	10.35				
VR04353A 010-015	207 274	7.11	< 0.07	< 0.07	< 0.002	289	11.33				
VR04354A 015-020	207 276	9.68	< 0.07	< 0.07	< 0.002	256	10.93				
VR04355A 020-025	207 274	5.45	< 0.07	< 0.07	< 0.002	321	13.53				
VR04356A 025-030	207 274	5.09	< 0.07	< 0.07	< 0.002	229	15.38				
VR04357A 030-035	207 274	6.09	< 0.07	< 0.07	< 0.002	256	15.16				
VR04358A 035-040	207 274	5.18	< 0.07	< 0.07	< 0.002	308	11.65				
VR04359A 040-045	207 274	6.05	< 0.07	< 0.07	< 0.002	333	8.17				
VR04360A 045-050	207 274	7.16	< 0.07	< 0.07	< 0.002	309	11.28				
VR04361A 050-055	207 276	8.98	< 0.07	< 0.07	< 0.002	287	14.80				
VR04362A 055-060	207 276	9.89	< 0.07	< 0.07	< 0.002	328	16.61				
VR04363A 060-065	207 276	8.45	< 0.07	< 0.07	< 0.002	307	13.69				
VR04364A 065-070	207 276	9.91	< 0.07	< 0.07	< 0.002	275	17.65				
VR04365A 070-075	207 273	13.68	0.10	0.10	< 0.002	308	19.44				
VR04366A 075-080	207 276	7.66	0.07	0.07	< 0.002	247	13.20				
VR04367A 080-085	207 273	13.11	< 0.07	< 0.07	< 0.002	364	14.10				
VR04368A 085-090	207 276	7.57	< 0.07	< 0.07	< 0.002	305	7.70				
VR04369A 090-095	207 276	7.77	< 0.07	< 0.07	< 0.002	265	13.74				
VR04370A 095-100	207 276	9.32	< 0.07	< 0.07	< 0.002	242	12.58				
VR04371A 100-105	207 276	9.80	< 0.07	< 0.07	< 0.002	352	11.52				
VR04372A 105-110	207 276	10.00	< 0.07	< 0.07	< 0.002	272	12.60				
VR04373A 110-115	207 273	12.73	< 0.07	< 0.07	< 0.002	331	10.83				
VR04374A 115-120	207 276	10.36	< 0.07	< 0.07	< 0.002	289	14.73				
VR04375A 120-125	207 276	8.77	< 0.07	< 0.07	< 0.002	265	7.87				
VR04376A 125-130	207 276	9.64	< 0.07	< 0.07	< 0.002	260	6.73				
VR04377A 130-135	207 276	8.09	< 0.07	< 0.07	< 0.002	309	10.54				
VR04378A 135-140	207 276	11.32	< 0.07	< 0.07	< 0.002	316	10.47				
VR04379A 140-145	207 276	11.23	< 0.07	< 0.07	< 0.002	290	14.05				
VR04380A 145-150	207 276	9.36	< 0.07	< 0.07	< 0.002	252	10.00				
VR04381A 150-155	207 273	14.55	< 0.07	< 0.07	0.003	386	13.41				
VR04382A 155-160	207 273	15.00	0.07	0.07	< 0.002	317	10.53				
VR04383A 160-165	207 273	13.02	< 0.07	< 0.07	< 0.002	337	10.23				
VR04384A 165-170	207 273	12.18	0.10	0.10	< 0.002	316	3.55				
VR04385A 170-175	207 273	13.23	< 0.07	< 0.07	< 0.002	318	11.62				
VR04386A 175-180	207 273	12.50	< 0.07	< 0.07	< 0.002	338	9.03				
VR04387A 180-185	207 273	13.05	< 0.07	< 0.07	< 0.002	303	10.17				
VR04388A 185-190	207 276	9.36	< 0.07	< 0.07	< 0.002	413	12.65				
VR04389A 190-195	207 276	11.70	< 0.07	< 0.07	< 0.002	313	9.04				
VR04390A 195-200	207 276	10.05	< 0.07	< 0.07	< 0.002	282	8.55				

CERTIFICATION:

Theresa Vmbr



Chemex Labs Ltd.

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PHONE: 604-984-0221

o: KENNECOTT CANADA, INC.

138 - 200 GRANVILLE ST.
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Project: 05-432 93LS15
Comments: ATTN:ANN DOYLE

Pages: 2
Certificate Date: 15-MAY-93
Invoice No.: 19314046
P.O. Number: 05-432
Account: KAVA

CERTIFICATE OF ANALYSIS

A9314046

SAMPLE	PREP CODE		Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04391A 200-205	207	273	13.64	< 0.07	< 0.07	< 0.002	326	9.25				
VR04392A 205-210	207	276	8.89	< 0.07	< 0.07	< 0.002	308	12.01				
VR04393A 210-215	207	276	8.18	< 0.07	< 0.07	< 0.002	273	7.85				
VR04394A 215-220	207	276	10.52	< 0.07	< 0.07	< 0.002	291	7.66				
VR04395A 220-225	207	276	11.16	< 0.07	< 0.07	< 0.002	316	11.97				
VR04396A 225-230	207	276	9.73	< 0.07	< 0.07	< 0.002	326	8.78				
VR04397A 230-235	207	276	10.68	< 0.07	< 0.07	< 0.002	283	10.25				
VR04398A 235-240	207	273	12.32	< 0.07	< 0.07	< 0.002	323	6.16				
VR04399A 240-245	207	273	12.34	< 0.07	< 0.07	< 0.002	318	4.62				
VR04360AR045-050	207	234	-----	< 0.07	< 0.07	< 0.002	283	5.37				
VR04370AR095-100	207	234	-----	< 0.07	< 0.07	< 0.002	299	5.20				
VR04380AR145-150	207	234	-----	< 0.07	< 0.07	< 0.002	276	3.26				
VR04390AR195-200	207	234	-----	< 0.07	< 0.07	< 0.002	319	5.73				

CERTIFICATION:

Ann Doyle



Chemex Labs Ltd.

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138 - 200 GRANVILLE ST.
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Page: 1-A
Certificate Date: 17-MAY-93
Invoice No.: 19314047
P.O. Number: 05-432
Account: KAVA

CERTIFICATE OF ANALYSIS

A9314047

SAMPLE	PREP CODE	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	Mo ppm
VR04351A 000-005	299 229	0.2	0.53	2	250	< 0.5	< 2	0.14	< 0.5	2	19	9	1.15	< 10	< 1	0.15	20	0.16	185	1
VR04352A 005-010	299 229	0.2	0.52	6	370	< 0.5	< 2	0.07	< 0.5	1	10	6	0.87	< 10	< 1	0.16	30	0.13	135	< 1
VR04353A 010-015	299 229	0.4	0.45	16	310	< 0.5	< 2	0.07	< 0.5	< 1	7	5	0.88	< 10	< 1	0.15	30	0.12	125	< 1
VR04354A 015-020	299 229	0.2	1.44	20	1430	< 0.5	< 2	0.70	< 0.5	19	31	16	3.98	10	< 1	0.15	20	1.25	535	< 1
VR04355A 020-025	299 229	0.4	1.43	40	1190	< 0.5	< 2	2.57	< 0.5	22	26	22	4.39	10	< 1	0.22	< 10	0.95	870	1
VR04356A 025-030	299 229	0.8	1.46	54	610	< 0.5	< 2	0.75	< 0.5	9	10	17	3.11	10	< 1	0.20	10	0.99	615	1
VR04357A 030-035	299 229	1.8	1.27	90	470	< 0.5	< 2	0.22	1.5	13	29	23	3.29	< 10	< 1	0.21	< 10	1.19	930	2
VR04358A 035-040	299 229	2.2	1.35	66	340	< 0.5	< 2	0.20	0.5	8	29	38	3.07	< 10	< 1	0.37	10	1.48	380	1
VR04359A 040-045	299 229	0.4	0.78	38	320	< 0.5	< 2	0.12	< 0.5	9	12	12	1.43	< 10	< 1	0.31	30	0.48	275	1
VR04360A 045-050	299 229	0.2	0.42	50	200	< 0.5	< 2	0.08	< 0.5	3	14	7	1.16	< 10	< 1	0.19	30	0.14	230	1
VR04361A 050-055	299 229	0.2	1.48	140	380	< 0.5	< 2	0.35	< 0.5	13	23	26	3.30	10	< 1	0.23	20	0.77	765	1
VR04362A 055-060	299 229	0.2	1.83	48	410	< 0.5	< 2	1.87	< 0.5	15	29	29	3.44	10	< 1	0.30	< 10	1.33	535	< 1
VR04363A 060-065	299 229	0.4	1.56	24	280	< 0.5	< 2	1.75	< 0.5	12	23	23	3.02	10	< 1	0.30	< 10	1.05	500	< 1
VR04364A 065-070	299 229	0.4	1.40	584	340	< 0.5	< 2	0.83	< 0.5	6	11	10	3.37	10	< 1	0.25	50	0.60	750	1
VR04365A 070-075	299 229	0.8	1.33	432	230	< 0.5	< 2	0.44	< 0.5	5	7	7	3.27	20	< 1	0.26	60	0.48	690	1
VR04366A 075-080	299 229	< 0.2	2.17	122	1020	< 0.5	< 2	0.37	< 0.5	10	25	19	3.67	10	< 1	0.20	20	1.88	510	1
VR04367A 080-085	299 229	< 0.2	2.17	2	1140	< 0.5	< 2	0.60	< 0.5	12	29	25	3.29	10	< 1	0.16	10	2.21	465	< 1
VR04368A 085-090	299 229	< 0.2	1.82	14	340	< 0.5	< 2	0.57	< 0.5	9	21	20	2.61	10	< 1	0.18	10	1.90	395	1
VR04369A 090-095	299 229	< 0.2	1.65	10	250	< 0.5	< 2	0.25	< 0.5	8	20	18	2.54	< 10	< 1	0.16	10	1.77	460	< 1
VR04370A 095-100	299 229	< 0.2	1.49	10	360	< 0.5	< 2	0.75	< 0.5	10	19	21	2.31	< 10	< 1	0.13	< 10	1.65	465	< 1
VR04371A 100-105	299 229	< 0.2	2.02	< 2	410	< 0.5	< 2	0.87	0.5	11	27	26	2.91	10	< 1	0.15	< 10	2.20	500	1
VR04372A 105-110	299 229	< 0.2	1.68	< 2	310	< 0.5	< 2	0.93	< 0.5	9	21	20	2.42	10	< 1	0.23	< 10	1.78	475	< 1
VR04373A 110-115	299 229	< 0.2	1.68	6	210	< 0.5	< 2	0.78	< 0.5	9	17	17	2.29	10	< 1	0.18	< 10	1.76	450	< 1
VR04374A 115-120	299 229	< 0.2	1.52	6	210	< 0.5	< 2	0.72	< 0.5	7	17	15	2.13	10	< 1	0.18	10	1.59	405	< 1
VR04375A 120-125	299 229	0.2	1.24	20	280	< 0.5	< 2	0.76	< 0.5	7	16	15	1.95	10	< 1	0.21	10	1.23	460	1
VR04376A 125-130	299 229	0.2	1.27	8	250	< 0.5	< 2	1.01	< 0.5	9	20	18	2.10	10	< 1	0.30	< 10	1.20	420	< 1
VR04377A 130-135	299 229	0.2	1.33	14	220	< 0.5	< 2	1.24	< 0.5	9	16	17	2.26	10	< 1	0.26	< 10	1.34	505	< 1
VR04378A 135-140	299 229	0.2	1.66	28	190	< 0.5	< 2	0.96	< 0.5	10	33	21	3.02	10	< 1	0.21	< 10	1.81	500	< 1
VR04379A 140-145	299 229	0.2	1.36	82	160	< 0.5	< 2	0.47	< 0.5	7	40	20	2.47	< 10	< 1	0.20	10	1.39	385	1
VR04380A 145-150	299 229	0.4	0.41	218	180	< 0.5	< 2	0.12	< 0.5	2	9	7	0.87	10	< 1	0.19	40	0.17	180	< 1
VR04381A 150-155	299 229	0.4	0.35	98	190	< 0.5	< 2	0.47	< 0.5	1	8	6	0.64	10	< 1	0.21	40	0.09	140	1
VR04382A 155-160	299 229	0.4	0.28	94	150	< 0.5	< 2	0.39	< 0.5	1	4	4	0.60	10	< 1	0.19	40	0.07	145	< 1
VR04383A 160-165	299 229	0.4	0.26	70	120	< 0.5	< 2	0.12	< 0.5	1	7	4	0.67	< 10	< 1	0.18	30	0.07	90	< 1
VR04384A 165-170	299 229	0.4	0.34	110	140	< 0.5	< 2	0.04	< 0.5	< 1	8	4	0.69	< 10	< 1	0.20	30	0.08	60	< 1
VR04385A 170-175	299 229	0.4	0.37	132	150	< 0.5	< 2	0.51	< 0.5	1	9	4	0.82	10	< 1	0.23	20	0.14	190	< 1
VR04386A 175-180	299 229	0.4	0.47	244	190	< 0.5	< 2	0.11	< 0.5	2	8	11	1.04	< 10	< 1	0.19	30	0.23	175	< 1
VR04387A 180-185	299 229	0.6	1.19	128	160	< 0.5	< 2	0.88	< 0.5	9	21	24	2.69	10	< 1	0.22	20	0.88	480	1
VR04388A 185-190	299 229	0.4	1.01	82	150	< 0.5	< 2	1.03	< 0.5	7	19	15	2.08	10	< 1	0.23	20	0.83	465	< 1
VR04389A 190-195	299 229	0.4	0.81	224	160	0.5	< 2	0.60	< 0.5	6	12	9	1.66	10	< 1	0.23	30	0.59	380	< 1
VR04390A 195-200	299 229	0.4	0.49	372	160	0.5	< 2	0.14	< 0.5	3	7	8	1.05	< 10	< 1	0.21	20	0.23	230	< 1

CERTIFICATION:

Ann Doyle



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CERTIFICATE OF ANALYSIS

A9314047

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04351A 000-005	299 229	0.01	12	120	12	< 2	2	12	0.01	< 10	< 10	8	< 10	22
VR04352A 005-010	299 229	< 0.01	8	70	14	< 2	2	7	< 0.01	< 10	< 10	5	< 10	22
VR04353A 010-015	299 229	< 0.01	6	80	16	< 2	3	5	< 0.01	< 10	< 10	1	< 10	34
VR04354A 015-020	299 229	0.02	24	1340	6	< 2	10	33	0.09	< 10	< 10	65	< 10	78
VR04355A 020-025	299 229	0.02	30	1500	6	< 2	10	53	0.06	< 10	< 10	62	< 10	96
VR04356A 025-030	299 229	< 0.01	14	610	60	< 2	6	24	< 0.01	< 10	< 10	21	< 10	166
VR04357A 030-035	299 229	< 0.01	28	460	178	< 2	4	28	< 0.01	< 10	< 10	21	< 10	290
VR04358A 035-040	299 229	0.01	22	470	250	< 2	6	64	0.02	< 10	< 10	30	< 10	274
VR04359A 040-045	299 229	0.01	15	330	24	< 2	2	15	0.01	< 10	< 10	6	< 10	110
VR04360A 045-050	299 229	< 0.01	12	190	26	< 2	1	24	< 0.01	< 10	< 10	2	< 10	34
VR04361A 050-055	299 229	< 0.01	28	770	24	2	12	40	< 0.01	< 10	< 10	31	< 10	102
VR04362A 055-060	299 229	0.01	25	630	6	< 2	13	76	< 0.01	< 10	< 10	47	< 10	84
VR04363A 060-065	299 229	0.01	21	600	14	< 2	8	47	< 0.01	< 10	< 10	33	< 10	82
VR04364A 065-070	299 229	0.03	11	850	28	< 2	3	52	< 0.01	< 10	< 10	41	< 10	68
VR04365A 070-075	299 229	0.04	7	830	26	< 2	2	43	< 0.01	< 10	< 10	38	< 10	56
VR04366A 075-080	299 229	0.02	14	820	10	< 2	4	29	< 0.01	< 10	< 10	39	< 10	86
VR04367A 080-085	299 229	0.02	19	750	4	< 2	5	48	< 0.01	< 10	< 10	36	< 10	88
VR04368A 085-090	299 229	0.02	16	640	8	2	3	28	< 0.01	< 10	< 10	24	< 10	74
VR04369A 090-095	299 229	< 0.01	13	560	4	< 2	2	12	< 0.01	< 10	< 10	17	< 10	62
VR04370A 095-100	299 229	0.01	15	570	12	< 2	2	26	< 0.01	< 10	< 10	18	< 10	64
VR04371A 100-105	299 229	0.01	16	690	18	< 2	3	26	< 0.01	< 10	< 10	27	< 10	84
VR04372A 105-110	299 229	0.01	14	610	14	< 2	2	35	0.01	< 10	< 10	21	< 10	70
VR04373A 110-115	299 229	0.01	13	500	16	< 2	2	27	< 0.01	< 10	< 10	20	< 10	62
VR04374A 115-120	299 229	0.01	9	480	8	< 2	2	30	< 0.01	< 10	< 10	14	< 10	60
VR04375A 120-125	299 229	0.01	11	460	28	< 2	2	25	< 0.01	< 10	< 10	14	< 10	56
VR04376A 125-130	299 229	0.02	14	470	6	< 2	4	47	0.01	< 10	< 10	23	< 10	58
VR04377A 130-135	299 229	0.01	12	540	8	< 2	3	61	0.01	< 10	< 10	19	< 10	64
VR04378A 135-140	299 229	0.01	20	720	4	< 2	6	42	0.01	< 10	< 10	30	< 10	82
VR04379A 140-145	299 229	0.01	19	560	16	< 2	4	25	0.01	< 10	< 10	23	< 10	74
VR04380A 145-150	299 229	< 0.01	6	220	18	< 2	1	9	< 0.01	< 10	< 10	1	< 10	22
VR04381A 150-155	299 229	0.01	4	220	18	< 2	1	23	< 0.01	< 10	< 10	1	< 10	10
VR04382A 155-160	299 229	< 0.01	5	150	24	< 2	1	29	< 0.01	< 10	< 10	< 1	< 10	10
VR04383A 160-165	299 229	< 0.01	4	90	18	< 2	1	12	< 0.01	< 10	< 10	< 1	< 10	12
VR04384A 165-170	299 229	0.01	4	80	16	< 2	1	18	< 0.01	< 10	< 10	< 1	< 10	18
VR04385A 170-175	299 229	< 0.01	6	100	14	< 2	1	16	< 0.01	< 10	< 10	< 1	< 10	14
VR04386A 175-180	299 229	0.01	8	300	20	< 2	1	12	< 0.01	< 10	< 10	1	< 10	26
VR04387A 180-185	299 229	0.01	21	750	14	< 2	4	49	< 0.01	< 10	< 10	13	< 10	74
VR04388A 185-190	299 229	0.01	13	570	12	< 2	4	63	0.01	< 10	< 10	10	< 10	56
VR04389A 190-195	299 229	0.01	10	560	16	< 2	3	35	< 0.01	< 10	< 10	6	< 10	56
VR04390A 195-200	299 229	0.01	9	410	24	< 2	1	12	< 0.01	< 10	< 10	1	< 10	22

CERTIFICATION:

Hant Bickler



Chemex Labs Ltd.

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

J: KENNECOTT CANADA, INC.

138 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project : 05-432 93LS15
Comments: ATTN:ANN DOYLE

Ver :2-A
Pages :2
Certificate Date: 17-MAY-93
Invoice No. : 19314047
P.O. Number : 05-432
Account : KAVA

CERTIFICATE OF ANALYSIS

A9314047

SAMPLE	PREP CODE	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	Mo ppm
VR04391A 200-205	299 229	0.4	0.71	86	410	< 0.5	2	0.07	< 0.5	1	4	5	0.52	10	< 1	0.48	40	0.11	85	1
VR04392A 205-210	299 229	0.4	0.72	284	330	< 0.5	2	0.36	< 0.5	2	6	11	0.85	10	< 1	0.39	30	0.23	270	1
VR04393A 210-215	299 229	0.4	0.73	100	290	< 0.5	2	0.20	< 0.5	4	6	13	1.14	10	< 1	0.31	30	0.37	240	1
VR04394A 215-220	299 229	0.4	0.96	56	400	< 0.5	2	0.43	< 0.5	6	7	36	1.56	10	< 1	0.36	40	0.51	325	< 1
VR04395A 220-225	299 229	0.2	0.87	66	240	< 0.5	< 2	0.51	< 0.5	5	6	17	1.58	10	< 1	0.25	30	0.54	365	< 1
VR04396A 225-230	299 229	0.4	0.87	50	180	< 0.5	< 2	0.61	< 0.5	5	7	13	1.67	10	< 1	0.23	30	0.63	380	< 1
VR04397A 230-235	299 229	0.2	0.95	36	200	< 0.5	< 2	0.48	< 0.5	6	7	13	1.83	10	< 1	0.25	30	0.67	405	< 1
VR04398A 235-240	299 229	0.2	0.58	26	1170	< 0.5	2	0.24	< 0.5	3	1	10	0.95	< 10	< 1	0.30	20	0.22	195	< 1
VR04399A 240-245	299 229	0.2	0.74	14	1040	< 0.5	< 2	0.60	< 0.5	3	7	19	1.19	10	< 1	0.29	20	0.48	295	1

CERTIFICATION:

Handwritten signature: Hart Buchler



Chemex Labs Ltd.

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

J: KENNECOTT CANADA, INC.

138 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project: 05-432 93LS15
Comments: ATTN:ANN DOYLE

er :2-B
Pages :2
Certificate Date: 17-MAY-93
Invoice No. : 19314047
P.O. Number : 05-432
Account : KAVA

CERTIFICATE OF ANALYSIS

A9314047

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04391A 200-205	299 229	0.02	4	200	22	< 2	1	13	< 0.01	< 10	< 10	1	< 10	16
VR04392A 205-210	299 229	0.01	6	370	32	< 2	1	21	< 0.01	< 10	< 10	2	< 10	36
VR04393A 210-215	299 229	0.01	7	410	24	< 2	1	17	< 0.01	< 10	< 10	3	< 10	46
VR04394A 215-220	299 229	0.03	9	480	18	< 2	2	32	0.01	< 10	< 10	5	< 10	68
VR04395A 220-225	299 229	0.01	7	460	8	< 2	1	36	< 0.01	< 10	< 10	4	< 10	58
VR04396A 225-230	299 229	0.01	8	440	10	< 2	1	45	< 0.01	< 10	< 10	3	< 10	54
VR04397A 230-235	299 229	0.01	9	410	8	< 2	2	43	< 0.01	< 10	< 10	4	< 10	56
VR04398A 235-240	299 229	< 0.01	7	290	12	< 2	1	47	< 0.01	< 10	< 10	1	< 10	22
VR04399A 240-245	299 229	< 0.01	9	230	22	< 2	1	55	< 0.01	< 10	< 10	1	< 10	26

CERTIFICATION:

Hank Buehler



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

138 - 200 GRANVILLE ST
VANCOUVER, BC
V6C 1S4

Project: 05-432 93LS -16
Comments: ATTN:ANN DOYLE

Sample Description	Au g/t	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	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
VR04401A 000-005	<0.07	0.2	0.56	14	300	<0.5	<2	0.16	<0.5	2	12	7	1.02	<10	<1	0.13	30	0.23	160	<1	<0.01	6	120	20	<2	2	12	<0.01	<10	<10	8	<10	26
VR04402A 005-010	<0.07	0.2	0.41	4	300	<0.5	<2	0.05	<0.5	1	9	2	0.59	<10	<1	0.18	30	0.10	100	<1	<0.01	4	40	16	<2	1	4	<0.01	<10	<10	3	<10	12
VR04403A 010-015	<0.07	0.2	0.48	<2	350	<0.5	<2	0.04	<0.5	<1	9	1	0.53	<10	<1	0.27	30	0.08	55	<1	<0.01	3	40	12	<2	2	4	<0.01	<10	<10	2	<10	8
VR04404A 015-020	<0.07	0.4	0.53	<2	400	<0.5	<2	0.02	<0.5	<1	7	1	0.44	<10	<1	0.27	30	0.07	65	<1	0.01	2	30	16	<2	3	3	<0.01	<10	<10	2	<10	8
VR04405A 020-025	<0.07	0.4	0.54	<2	340	<0.5	<2	0.03	0.5	<1	6	1	0.50	<10	<1	0.24	30	0.07	65	<1	<0.01	3	40	16	<2	2	3	<0.01	<10	<10	2	<10	8
VR04406A 025-030	<0.07	0.4	0.44	<2	280	<0.5	<2	0.03	<0.5	<1	7	1	0.59	<10	<1	0.19	30	0.07	78	<1	<0.01	3	50	22	<2	2	3	<0.01	<10	<10	2	<10	14
VR04407A 030-035	0.07	0.6	0.68	4	400	<0.5	<2	0.03	<0.5	<1	7	1	0.58	18	<1	0.34	30	0.08	50	<1	<0.01	2	40	16	<2	3	3	<0.01	<10	<10	2	<10	10
VR04408A 035-040	<0.07	0.6	0.57	2	330	<0.5	<2	0.04	<0.5	<1	7	1	0.64	<10	<1	0.25	30	0.08	60	<1	<0.01	2	30	18	<2	2	4	<0.01	<10	<10	1	<10	16
VR04409A 040-045	0.07	0.4	0.52	2	290	<0.5	<2	0.04	<0.5	<1	5	1	0.47	<10	<1	0.24	30	0.07	70	<1	<0.01	2	40	16	<2	2	4	<0.01	<10	<10	1	<10	12
VR04410A 045-050	<0.07	0.4	0.40	6	250	<0.5	<2	0.03	<0.5	<1	5	<1	0.55	<10	<1	0.23	30	0.04	65	<1	0.01	2	30	14	<2	2	4	<0.01	<10	<10	<1	<10	12
VR04411A 050-055	<0.07	0.4	0.51	8	430	<0.5	<2	0.04	<0.5	<1	6	<1	0.58	<10	1	0.29	20	0.06	70	<1	<0.01	2	30	14	<2	3	6	<0.01	<10	<10	<1	<10	16
VR04412A 055-060	0.12	0.4	0.54	2	360	<0.5	<2	0.04	<0.5	<1	5	<1	0.59	<10	<1	0.27	20	0.07	60	<1	<0.01	2	30	20	<2	3	6	<0.01	<10	<10	<1	<10	12
VR04413A 060-065	<0.07	0.4	0.62	6	1160	<0.5	<2	0.09	0.5	1	6	<1	0.84	<10	<1	0.24	30	0.10	310	1	<0.01	3	20	18	<2	2	13	<0.01	<10	<10	<1	<10	36
VR04414A 065-070	<0.07	0.2	0.50	<2	1050	<0.5	<2	0.97	0.5	<1	6	<1	0.66	10	<1	0.19	40	0.10	215	<1	<0.01	3	30	14	<2	2	70	<0.01	<10	<10	<1	<10	40
VR04415A 070-075	<0.07	0.2	0.46	<2	840	<0.5	<2	0.76	<0.5	<1	6	<1	0.52	<10	<1	0.21	20	0.08	135	<1	0.01	2	10	14	<2	2	54	<0.01	<10	<10	<1	<10	28
VR04416A 075-080	<0.07	0.2	0.39	2	410	<0.5	<2	0.18	<0.5	<1	7	<1	0.60	<10	<1	0.21	20	0.07	105	1	<0.01	3	30	34	<2	1	15	<0.01	<10	<10	<1	<10	22
VR04417A 080-085	<0.07	0.2	0.48	4	1020	<0.5	<2	0.54	<0.5	<1	6	<1	0.64	<10	<1	0.21	30	0.09	95	<1	<0.01	3	60	20	2	1	42	<0.01	<10	<10	<1	<10	18
VR04418A 085-090	<0.07	0.2	0.99	<2	850	<0.5	<2	1.16	<0.5	3	8	3	1.65	10	<1	0.22	30	0.44	245	<1	0.01	3	300	12	<2	6	57	<0.01	<10	<10	16	<10	42
VR04419A 090-095	<0.07	<0.2	2.75	10	2160	0.5	<2	3.37	0.5	18	19	11	5.20	10	<1	0.13	20	2.01	675	<1	0.04	12	1600	4	2	14	219	0.04	<10	<10	93	30	74
VR04420A 095-100	<0.07	0.2	0.50	10	360	<0.5	<2	0.78	<0.5	<1	5	1	0.78	18	<1	0.21	20	0.11	95	<1	0.01	1	60	12	2	4	57	<0.01	<10	<10	2	<10	8
VR04421A 100-105	<0.07	0.2	0.42	2	210	<0.5	<2	0.84	<0.5	<1	5	1	0.79	10	<1	0.21	20	0.25	70	<1	0.01	2	60	12	2	5	66	<0.01	<10	<10	1	<10	6
VR04422A 105-110	<0.07	0.4	0.33	20	360	<0.5	<2	0.59	<0.5	1	16	2	1.04	<10	<1	0.14	20	0.59	95	1	0.01	4	90	14	<2	2	47	<0.01	<10	<10	2	<10	12
VR04423A 110-115	<0.07	0.4	0.49	<2	1000	<0.5	<2	0.78	<0.5	<1	9	1	0.64	<10	<1	0.23	20	0.36	70	<1	0.01	2	50	14	<2	3	66	<0.01	<10	<10	1	<10	10
VR04424A 115-120	<0.07	0.6	0.45	4	590	<0.5	<2	1.01	<0.5	<1	7	<1	0.58	<10	<1	0.24	30	0.04	60	<1	0.01	2	30	18	2	3	89	<0.01	<10	<10	<1	<10	8
VR04425A 120-125	<0.07	0.4	0.48	4	1220	<0.5	<2	1.16	<0.5	<1	8	<1	0.49	10	<1	0.25	20	0.04	65	<1	0.01	2	30	10	<2	2	96	<0.01	<10	<10	<1	<10	6
VR04426A 125-130	<0.07	0.4	0.44	6	490	<0.5	<2	0.84	0.5	<1	9	1	0.61	10	<1	0.23	30	0.25	80	<1	0.01	2	20	16	<2	2	69	<0.01	<10	<10	1	<10	12
VR04427A 130-135	<0.07	0.4	0.48	<2	490	<0.5	<2	0.73	<0.5	<1	6	<1	0.47	10	<1	0.27	30	0.03	50	<1	0.01	2	30	12	<2	3	73	<0.01	<10	<10	<1	<10	6
VR04428A 135-140	<0.07	0.2	0.37	6	390	<0.5	<2	1.09	<0.5	1	7	<1	0.49	<10	<1	0.21	20	0.03	60	<1	0.01	2	20	14	<2	2	88	<0.01	<10	<10	<1	<10	6
VR04429A 140-145	<0.07	0.4	0.36	<2	270	<0.5	<2	0.76	<0.5	<1	5	<1	0.46	10	<1	0.22	30	0.03	65	<1	0.01	1	30	14	<2	3	72	<0.01	<10	<10	<1	<10	4
VR04430A 145-150	<0.07	0.2	0.39	2	460	<0.5	<2	0.87	<0.5	<1	6	<1	0.52	10	<1	0.20	30	0.04	65	<1	0.01	1	20	8	<2	2	84	<0.01	<10	<10	<1	<10	14
VR04431A 150-155	<0.07	0.4	0.38	2	1190	<0.5	<2	1.08	<0.5	<1	6	<1	0.47	10	<1	0.19	30	0.23	70	<1	0.01	2	30	16	2	2	88	<0.01	<10	<10	<1	<10	8
VR04432A 155-160	0.10	0.2	0.53	<2	1380	<0.5	<2	1.19	<0.5	<1	6	<1	0.62	<10	<1	0.25	20	0.04	75	<1	0.02	2	30	14	2	2	79	<0.01	<10	<10	<1	<10	8
VR04433A 160-165	<0.07	0.4	0.76	<2	1130	<0.5	<2	1.05	<0.5	<1	6	<1	0.55	10	1	0.38	30	0.06	65	<1	0.01	2	20	14	<2	3	92	<0.01	<10	<10	1	<10	8
VR04434A 165-170	<0.07	0.2	0.71	<2	1350	<0.5	<2	1.08	<0.5	<1	6	<1	0.61	10	<1	0.22	30	0.0															



Chemex Labs Ltd.

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PHONE: 604-984-0221

to: KENNECOTT CANADA, INC.

138 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project: 05-432 93LS18
Comments: ATTN:ANN DOYLE

er :1
Pages :2
Certificate Date: 15-MAY-93
Invoice No. :19314049
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314049

SAMPLE	PREP CODE	Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04551A 000-005	207 274	0.56	< 0.07	< 0.07	< 0.002	276	8.62				
VR04552A 005-010	207 274	0.81	< 0.07	< 0.07	< 0.002	277	11.90				
VR04553A 010-015	207 274	2.81	< 0.07	< 0.07	< 0.002	276	12.50				
VR04554A 015-020	207 274	6.59	< 0.07	< 0.07	< 0.002	281	21.90				
VR04555A 020-025	207 274	5.60	< 0.07	< 0.07	< 0.002	286	14.50				
VR04556A 025-030	207 274	4.28	< 0.07	< 0.07	< 0.002	296	27.90				
VR04557A 030-035	207 276	8.15	< 0.07	< 0.07	< 0.002	315	29.00				
VR04558A 035-040	207 274	6.91	< 0.07	< 0.07	< 0.002	357	11.40				
VR04559A 040-045	207 276	9.05	< 0.07	< 0.07	< 0.002	381	7.27				
VR04560A 045-050	207 276	9.34	< 0.07	< 0.07	< 0.002	373	3.70				
VR04561A 050-055	207 276	9.88	< 0.07	< 0.07	< 0.002	339	3.65				
VR04562A 055-060	207 276	7.72	< 0.07	< 0.07	< 0.002	308	3.80				
VR04563A 060-065	207 274	7.11	< 0.07	< 0.07	< 0.002	312	4.10				
VR04564A 065-070	207 274	6.89	< 0.07	< 0.07	< 0.002	265	6.37				
VR04565A 070-075	207 276	8.44	< 0.07	< 0.07	< 0.002	375	5.70				
VR04566A 075-080	207 276	9.09	< 0.07	< 0.07	< 0.002	365	6.40				
VR04567A 080-085	207 276	10.10	< 0.07	< 0.07	< 0.002	351	2.06				
VR04568A 085-090	207 276	9.00	< 0.07	< 0.07	< 0.002	366	3.72				
VR04569A 090-095	207 276	8.84	< 0.07	< 0.07	< 0.002	362	4.03				
VR04570A 095-100	207 276	8.48	< 0.07	< 0.07	< 0.002	324	2.95				
VR04571A 100-105	207 276	9.70	< 0.07	< 0.07	< 0.002	382	2.57				
VR04572A 105-110	207 276	9.05	< 0.07	< 0.07	< 0.002	384	5.75				
VR04573A 110-115	207 276	9.14	< 0.07	< 0.07	< 0.002	424	5.45				
VR04574A 115-120	207 276	9.54	< 0.07	< 0.07	< 0.002	342	5.75				
VR04575A 120-125	207 273	11.72	< 0.07	< 0.07	< 0.002	315	3.70				
VR04576A 125-130	207 276	10.17	< 0.07	< 0.07	< 0.002	368	5.39				
VR04577A 130-135	207 276	9.72	< 0.07	< 0.07	< 0.002	417	2.70				
VR04578A 135-140	207 276	10.82	< 0.07	< 0.07	< 0.002	323	5.01				
VR04579A 140-145	207 276	8.71	< 0.07	< 0.07	< 0.002	371	3.45				
VR04580A 145-150	207 276	8.89	< 0.07	< 0.07	< 0.002	371	3.72				
VR04581A 150-155	207 276	8.26	< 0.07	< 0.07	< 0.002	330	5.73				
VR04582A 155-160	207 276	8.42	< 0.07	< 0.07	< 0.002	322	3.60				
VR04583A 160-165	207 276	7.45	0.27	0.27	< 0.002	351	3.07				
VR04584A 165-170	207 276	9.56	< 0.07	< 0.07	< 0.002	384	4.65				
VR04585A 170-175	207 276	7.38	< 0.07	< 0.07	< 0.002	393	5.54				
VR04586A 175-180	207 276	10.53	< 0.07	< 0.07	< 0.002	358	6.23				
VR04587A 180-185	207 276	7.63	< 0.07	< 0.07	< 0.002	319	7.85				
VR04588A 185-190	207 276	9.09	< 0.07	< 0.07	< 0.002	343	8.72				
VR04589A 190-195	207 274	7.07	< 0.07	< 0.07	< 0.002	312	1.72				
VR04590A 195-200	207 276	7.54	< 0.07	< 0.07	< 0.002	378	5.30				

CERTIFICATION:

Thick Vork



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.

138 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project: 05-432 93LS18
Comments: ATTN: ANN DOYLE

Pages: 2
Certificate Date: 15-MAY-93
Invoice No.: 19314049
P.O. Number: 05-432
Account: KAVA

CERTIFICATE OF ANALYSIS

A9314049

SAMPLE	PREP CODE	Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04591A 200-205	207 274	6.57	< 0.07	< 0.07	< 0.002	362	4.70				
VR04592A 205-210	207 276	7.88	< 0.07	< 0.07	< 0.002	377	5.59				
VR04593A 210-215	207 274	6.37	< 0.07	< 0.07	< 0.002	327	3.10				
VR04594A 215-220	207 276	7.76	< 0.07	< 0.07	< 0.002	354	4.32				
VR04595A 220-225	207 273	12.65	< 0.07	< 0.07	< 0.002	300	2.90				
VR04596A 225-230	207 276	11.25	< 0.07	< 0.07	< 0.002	335	5.26				
VR04597A 230-235	207 276	11.21	< 0.07	< 0.07	< 0.002	342	4.91				
VR04598A 235-240	207 273	12.22	< 0.07	< 0.07	< 0.002	300	3.35				
VR04599A 240-245	207 273	12.74	< 0.07	< 0.07	< 0.002	298	2.06				
VR04560AR045-050	207 234	-----	< 0.07	< 0.07	< 0.002	364	4.24				
VR04570AR095-100	207 234	-----	< 0.07	< 0.07	< 0.002	340	4.01				
VR04580AR145-150	207 234	-----	< 0.07	< 0.07	< 0.002	366	4.29				
VR04590AR195-200	207 234	-----	< 0.07	< 0.07	< 0.002	362	3.55				

CERTIFICATION:

Theresa Vornh



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.

138 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project : 05-432 93LS18
Comments: ATTN:ANN DOYLE

Page: 1-A
Certificate Date: 17-MAY-93
Invoice No. : 19314050
P.O. Number : 05-432
Account : KAVA

CERTIFICATE OF ANALYSIS

A9314050

SAMPLE	PREP CODE	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	Mo ppm
VR04551A 000-005	299 229	< 0.2	0.66	42	260	< 0.5	4	0.18	< 0.5	6	13	21	1.64	< 10	< 1	0.13	10	0.34	330	1
VR04552A 005-010	299 229	0.2	0.74	22	300	< 0.5	4	0.18	< 0.5	6	15	16	1.57	< 10	< 1	0.17	10	0.35	345	< 1
VR04553A 010-015	299 229	< 0.2	0.75	2	320	< 0.5	4	0.24	< 0.5	6	9	12	1.51	< 10	< 1	0.24	20	0.45	400	1
VR04554A 015-020	299 229	0.2	0.61	8	840	< 0.5	4	0.17	< 0.5	4	10	8	1.15	< 10	< 1	0.18	20	0.35	285	< 1
VR04555A 020-025	299 229	< 0.2	0.74	24	590	< 0.5	4	0.20	< 0.5	6	11	13	1.53	< 10	< 1	0.18	10	0.39	335	< 1
VR04556A 025-030	299 229	0.2	0.67	< 2	1140	< 0.5	2	0.15	< 0.5	5	8	7	1.14	< 10	< 1	0.22	20	0.53	270	< 1
VR04557A 030-035	299 229	< 0.2	0.66	2	1080	< 0.5	< 2	0.34	< 0.5	4	10	7	1.07	< 10	< 1	0.26	20	0.59	250	< 1
VR04558A 035-040	299 229	< 0.2	0.93	6	1330	< 0.5	< 2	0.50	< 0.5	6	11	9	1.56	< 10	< 1	0.39	20	0.80	320	< 1
VR04559A 040-045	299 229	< 0.2	0.71	2	970	< 0.5	2	0.29	< 0.5	4	12	7	1.05	< 10	< 1	0.35	30	0.45	225	< 1
VR04560A 045-050	299 229	< 0.2	0.62	2	1120	< 0.5	< 2	0.24	< 0.5	3	11	7	0.98	< 10	< 1	0.30	30	0.36	170	< 1
VR04561A 050-055	299 229	< 0.2	0.66	4	950	< 0.5	< 2	0.36	< 0.5	4	12	8	1.09	10	< 1	0.27	30	0.45	200	< 1
VR04562A 055-060	299 229	< 0.2	0.91	8	700	< 0.5	< 2	0.20	< 0.5	6	10	10	1.58	< 10	< 1	0.26	30	0.65	275	1
VR04563A 060-065	299 229	< 0.2	0.73	< 2	1120	< 0.5	< 2	0.60	< 0.5	5	10	31	1.30	< 10	< 1	0.24	20	0.49	340	< 1
VR04564A 065-070	299 229	< 0.2	0.70	4	1150	< 0.5	< 2	0.63	< 0.5	5	11	11	1.28	10	< 1	0.25	30	0.55	245	< 1
VR04565A 070-075	299 229	< 0.2	1.03	8	1180	< 0.5	< 2	0.49	< 0.5	7	15	12	1.66	10	< 1	0.41	30	0.68	260	< 1
VR04566A 075-080	299 229	< 0.2	0.83	4	2400	< 0.5	2	0.45	< 0.5	4	15	7	1.21	10	< 1	0.36	30	0.43	220	< 1
VR04567A 080-085	299 229	< 0.2	1.27	4	1090	< 0.5	< 2	0.83	< 0.5	6	14	9	1.46	10	< 1	0.55	30	0.70	280	< 1
VR04568A 085-090	299 229	< 0.2	0.88	6	1410	< 0.5	< 2	0.43	< 0.5	6	12	14	1.44	< 10	< 1	0.39	30	0.56	310	< 1
VR04569A 090-095	299 229	< 0.2	0.74	2	1200	< 0.5	2	0.13	< 0.5	5	11	27	1.37	< 10	< 1	0.40	20	0.33	255	2
VR04570A 095-100	299 229	< 0.2	0.86	20	530	< 0.5	< 2	0.16	< 0.5	6	9	26	1.44	< 10	< 1	0.41	30	0.45	180	< 1
VR04571A 100-105	299 229	< 0.2	0.87	4	1580	< 0.5	2	0.16	< 0.5	6	11	16	1.49	10	< 1	0.42	30	0.48	290	< 1
VR04572A 105-110	299 229	< 0.2	0.78	10	840	< 0.5	< 2	0.20	< 0.5	7	12	46	1.94	< 10	< 1	0.28	30	0.49	270	< 1
VR04573A 110-115	299 229	< 0.2	0.67	4	880	< 0.5	2	0.16	< 0.5	5	9	8	1.26	< 10	< 1	0.27	30	0.36	250	< 1
VR04574A 115-120	299 229	< 0.2	0.60	10	470	< 0.5	< 2	0.17	< 0.5	4	9	18	1.18	< 10	< 1	0.22	30	0.38	335	< 1
VR04575A 120-125	299 229	< 0.2	0.67	8	720	< 0.5	< 2	0.48	< 0.5	6	7	12	1.19	10	< 1	0.23	30	0.49	400	< 1
VR04576A 125-130	299 229	< 0.2	0.63	4	1230	< 0.5	< 2	0.22	< 0.5	6	8	16	1.16	< 10	< 1	0.27	30	0.39	295	< 1
VR04577A 130-135	299 229	< 0.2	0.51	4	920	< 0.5	< 2	0.45	< 0.5	4	9	10	1.12	< 10	< 1	0.25	20	0.33	455	< 1
VR04578A 135-140	299 229	< 0.2	0.80	< 2	2180	< 0.5	< 2	0.85	< 0.5	6	12	12	1.16	10	< 1	0.42	30	0.45	470	< 1
VR04579A 140-145	299 229	< 0.2	0.55	4	740	< 0.5	< 2	0.22	< 0.5	4	9	29	1.17	< 10	< 1	0.25	30	0.40	220	< 1
VR04580A 145-150	299 229	< 0.2	0.63	2	910	< 0.5	< 2	0.56	< 0.5	5	9	12	1.38	10	< 1	0.28	30	0.48	290	< 1
VR04581A 150-155	299 229	< 0.2	0.69	2	700	< 0.5	< 2	0.45	< 0.5	4	9	8	1.18	10	< 1	0.29	30	0.53	250	< 1
VR04582A 155-160	299 229	0.2	0.29	2	310	< 0.5	< 2	0.17	< 0.5	2	4	4	0.51	< 10	< 1	0.13	10	0.26	125	< 1
VR04583A 160-165	299 229	< 0.2	0.43	2	710	< 0.5	< 2	0.75	< 0.5	4	15	9	1.26	10	< 1	0.25	20	0.35	240	< 1
VR04584A 165-170	299 229	< 0.2	0.57	< 2	770	< 0.5	< 2	0.79	< 0.5	4	14	13	1.48	10	< 1	0.28	20	0.48	215	< 1
VR04585A 170-175	299 229	< 0.2	0.62	< 2	690	< 0.5	< 2	0.79	< 0.5	5	13	12	1.33	10	< 1	0.29	20	0.45	230	< 1
VR04586A 175-180	299 229	< 0.2	0.56	2	800	< 0.5	< 2	0.97	< 0.5	4	8	10	1.04	10	< 1	0.27	20	0.34	270	< 1
VR04587A 180-185	299 229	< 0.2	0.65	2	640	< 0.5	< 2	1.24	< 0.5	4	4	15	1.19	10	< 1	0.24	20	0.38	385	< 1
VR04588A 185-190	299 229	< 0.2	0.72	2	510	< 0.5	< 2	0.53	< 0.5	5	8	18	1.29	10	< 1	0.22	30	0.44	215	< 1
VR04589A 190-195	299 229	0.2	0.77	< 2	370	< 0.5	< 2	0.72	< 0.5	5	10	38	1.21	10	< 1	0.38	20	0.34	220	< 1
VR04590A 195-200	299 229	< 0.2	0.67	< 2	640	< 0.5	< 2	0.97	< 0.5	6	10	10	1.20	10	< 1	0.33	20	0.35	250	< 1

CERTIFICATION:

Janet Buchler



Chemex Labs Ltd.

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

BY: KENNECOTT CANADA, INC.

138 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project: 05-432 93LS18
Comments: ATTN:ANN DOYLE

Pages: 1-B
Certificate Date: 17-MAY-93
Invoice No.: 19314050
P.O. Number: 05-432
Account: KAVA

CERTIFICATE OF ANALYSIS

A9314050

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04551A 000-005	299 229	0.01	12	390	44	< 2	2	16	0.01	< 10	< 10	13	< 10	76
VR04552A 005-010	299 229	0.01	10	340	24	< 2	2	15	0.01	< 10	< 10	13	< 10	56
VR04553A 010-015	299 229	0.01	8	470	26	< 2	1	16	0.01	< 10	< 10	6	< 10	54
VR04554A 015-020	299 229	< 0.01	7	380	22	< 2	1	19	< 0.01	< 10	< 10	2	< 10	38
VR04555A 020-025	299 229	0.01	9	400	24	< 2	2	19	0.01	< 10	< 10	9	< 10	52
VR04556A 025-030	299 229	0.01	7	380	18	< 2	2	42	< 0.01	< 10	< 10	3	< 10	40
VR04557A 030-035	299 229	0.01	5	360	16	< 2	1	63	0.01	< 10	< 10	3	< 10	36
VR04558A 035-040	299 229	0.02	8	470	20	< 2	3	68	0.02	< 10	< 10	7	< 10	50
VR04559A 040-045	299 229	0.02	5	400	18	< 2	2	45	0.01	< 10	< 10	4	< 10	30
VR04560A 045-050	299 229	0.02	5	380	18	< 2	2	53	< 0.01	< 10	< 10	3	< 10	26
VR04561A 050-055	299 229	0.02	5	440	20	< 2	3	49	< 0.01	< 10	< 10	3	< 10	32
VR04562A 055-060	299 229	0.01	8	530	14	< 2	3	23	< 0.01	< 10	< 10	4	< 10	52
VR04563A 060-065	299 229	< 0.01	6	460	8	< 2	1	49	< 0.01	< 10	< 10	2	< 10	50
VR04564A 065-070	299 229	0.01	7	480	14	< 2	2	78	< 0.01	< 10	< 10	3	< 10	42
VR04565A 070-075	299 229	0.02	8	550	12	< 2	3	39	0.01	< 10	< 10	7	< 10	50
VR04566A 075-080	299 229	0.02	6	410	28	< 2	2	50	< 0.01	< 10	< 10	3	< 10	30
VR04567A 080-085	299 229	0.03	7	520	12	< 2	3	74	0.01	< 10	< 10	8	< 10	44
VR04568A 085-090	299 229	0.01	6	470	26	< 2	2	51	< 0.01	< 10	< 10	4	< 10	62
VR04569A 090-095	299 229	0.01	5	410	74	< 2	3	40	< 0.01	< 10	< 10	3	< 10	58
VR04570A 095-100	299 229	0.01	5	430	18	< 2	2	13	< 0.01	< 10	< 10	3	< 10	44
VR04571A 100-105	299 229	0.02	7	460	8	< 2	2	62	0.01	< 10	< 10	4	< 10	40
VR04572A 105-110	299 229	0.01	11	530	18	< 2	3	31	< 0.01	< 10	< 10	4	< 10	80
VR04573A 110-115	299 229	0.01	5	500	12	< 2	3	31	< 0.01	< 10	< 10	2	< 10	32
VR04574A 115-120	299 229	0.01	4	530	14	< 2	2	16	< 0.01	< 10	< 10	2	< 10	34
VR04575A 120-125	299 229	0.01	4	540	8	< 2	3	32	< 0.01	< 10	< 10	2	< 10	38
VR04576A 125-130	299 229	0.01	6	510	12	< 2	4	34	0.01	< 10	< 10	3	< 10	42
VR04577A 130-135	299 229	0.02	5	410	10	< 2	2	41	0.01	< 10	< 10	3	< 10	26
VR04578A 135-140	299 229	0.02	5	410	12	< 2	2	84	0.01	< 10	< 10	4	< 10	32
VR04579A 140-145	299 229	0.01	4	420	12	< 2	2	35	< 0.01	< 10	< 10	2	< 10	38
VR04580A 145-150	299 229	0.01	6	510	6	< 2	2	65	< 0.01	< 10	< 10	2	< 10	36
VR04581A 150-155	299 229	0.01	5	450	6	< 2	2	46	< 0.01	< 10	< 10	3	< 10	34
VR04582A 155-160	299 229	< 0.01	2	240	2	< 2	< 1	17	< 0.01	< 10	< 10	1	< 10	14
VR04583A 160-165	299 229	< 0.01	6	450	2	< 2	1	40	0.01	< 10	< 10	2	< 10	30
VR04584A 165-170	299 229	0.01	7	470	2	< 2	2	41	0.01	< 10	< 10	3	< 10	30
VR04585A 170-175	299 229	0.01	4	450	4	< 2	2	44	0.01	< 10	< 10	3	< 10	28
VR04586A 175-180	299 229	0.01	4	460	8	< 2	1	64	< 0.01	< 10	< 10	2	< 10	32
VR04587A 180-185	299 229	< 0.01	5	470	16	< 2	1	75	< 0.01	< 10	< 10	2	< 10	44
VR04588A 185-190	299 229	< 0.01	6	450	8	< 2	1	40	< 0.01	< 10	< 10	2	< 10	48
VR04589A 190-195	299 229	0.01	3	450	4	< 2	2	35	< 0.01	< 10	< 10	3	< 10	30
VR04590A 195-200	299 229	0.01	4	480	6	< 2	2	48	< 0.01	< 10	< 10	3	< 10	38

CERTIFICATION:

Handwritten signature: Jant Bickler



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.

138 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project : 05-432 93LS18
Comments: ATTN:ANN DOYLE

er :2-A
ages :2
Certificate Date: 17-MAY-93
Invoice No. :19314050
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314050

SAMPLE	PREP CODE		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	Mo ppm
VR04591A 200-205	299	229	< 0.2	0.54	4	450	< 0.5	< 2	1.39	< 0.5	5	5	13	1.05	10	< 1	0.23	< 10	0.32	370	< 1
VR04592A 205-210	299	229	< 0.2	0.52	2	410	< 0.5	< 2	1.10	< 0.5	4	10	27	1.40	< 10	< 1	0.22	< 10	0.46	325	< 1
VR04593A 210-215	299	229	< 0.2	0.56	6	160	< 0.5	< 2	0.96	< 0.5	4	18	17	2.30	< 10	< 1	0.21	< 10	0.80	365	4
VR04594A 215-220	299	229	< 0.2	0.72	< 2	210	< 0.5	< 2	0.83	< 0.5	4	18	17	1.88	< 10	< 1	0.29	< 10	0.94	405	1
VR04595A 220-225	299	229	< 0.2	1.03	< 2	190	< 0.5	< 2	0.67	< 0.5	7	18	108	2.30	< 10	< 1	0.35	10	1.15	345	1
VR04596A 225-230	299	229	0.2	0.78	< 2	230	< 0.5	< 2	0.64	0.5	5	15	121	1.92	10	< 1	0.22	10	0.99	305	1
VR04597A 230-235	299	229	< 0.2	0.53	2	330	< 0.5	< 2	0.87	< 0.5	5	12	22	1.50	10	< 1	0.21	10	0.73	330	< 1
VR04598A 235-240	299	229	< 0.2	0.85	2	280	< 0.5	< 2	0.89	< 0.5	7	15	22	2.11	< 10	< 1	0.25	10	1.13	445	< 1
VR04599A 240-245	299	229	< 0.2	0.97	< 2	280	< 0.5	< 2	0.85	< 0.5	6	18	23	2.21	10	< 1	0.36	< 10	1.17	450	< 1

CERTIFICATION:

Paul Buchler



Chemex Labs Ltd.

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

J. KENNECOTT CANADA, INC.

138 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project : 05-432 93LS18
Comments: ATTN:ANN DOYLE

Tr : 2-B
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CERTIFICATE OF ANALYSIS

A9314050

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04591A 200-205	299 229	0.01	3	430	4	< 2	1	52	< 0.01	< 10	< 10	1	< 10	28
VR04592A 205-210	299 229	0.01	5	420	8	< 2	1	65	< 0.01	< 10	< 10	2	< 10	32
VR04593A 210-215	299 229	< 0.01	7	430	36	< 2	2	79	< 0.01	< 10	< 10	2	< 10	50
VR04594A 215-220	299 229	< 0.01	7	460	8	< 2	2	44	0.02	< 10	< 10	5	< 10	76
VR04595A 220-225	299 229	0.02	8	470	40	< 2	2	39	0.02	< 10	< 10	7	< 10	112
VR04596A 225-230	299 229	0.01	6	430	70	< 2	1	50	0.01	< 10	< 10	4	< 10	132
VR04597A 230-235	299 229	< 0.01	5	440	18	< 2	1	49	< 0.01	< 10	< 10	2	< 10	76
VR04598A 235-240	299 229	< 0.01	9	530	28	< 2	3	67	0.01	< 10	< 10	6	< 10	102
VR04599A 240-245	299 229	0.01	9	510	20	< 2	3	48	0.02	< 10	< 10	7	< 10	96

CERTIFICATION:

Hart Buchler



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

Project : 05-432 93LS19

Comments: ATTN:ANN DOYLE

Number : 1

Total Pages : 2

Certificate Date: 27-MAY-93

Invoice No. : 19314051

P.O. Number : 05-432

Account : KAVA

CERTIFICATE OF ANALYSIS

A9314051

SAMPLE	PREP CODE	Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04601A 000-005	207 274	0.00	< 0.07	< 0.07	< 0.002	79	0.65				
VR04602A 005-010	207 274	1.94	0.14	0.14	< 0.002	211	6.85				
VR04603A 010-015	207 274	5.69	< 0.07	< 0.07	< 0.002	280	9.97				
VR04604A 015-020	207 276	9.09	< 0.07	< 0.07	< 0.002	265	8.12				
VR04605A 020-025	207 274	3.24	< 0.07	< 0.07	< 0.002	190	1.19				
VR04606A 025-030	207 274	3.04	< 0.07	< 0.07	< 0.002	255	4.26				
VR04607A 030-035	207 274	4.16	< 0.07	< 0.07	< 0.002	252	2.95				
VR04608A 035-040	207 274	5.67	< 0.07	< 0.07	< 0.002	275	5.60				
VR04609A 040-045	207 274	6.03	< 0.07	< 0.07	< 0.002	297	7.29				
VR04610A 045-050	207 274	7.11	< 0.07	< 0.07	< 0.002	279	6.94				
VR04611A 050-055	207 276	9.05	< 0.07	< 0.07	< 0.002	309	11.20				
VR04612A 055-060	207 276	11.41	< 0.07	< 0.07	< 0.002	267	9.78				
VR04613A 060-065	207 273	13.59	< 0.07	< 0.07	< 0.002	312	2.10				
VR04614A 065-070	207 273	12.33	< 0.07	< 0.07	< 0.002	319	3.77				
VR04615A 070-075	207 276	10.10	0.17	0.14	0.008	338	4.43				
VR04616A 075-080	207 276	9.05	0.10	0.10	0.002	283	3.14				
VR04617A 080-085	207 276	10.10	< 0.07	< 0.07	< 0.002	319	4.21				
VR04618A 085-090	207 276	9.77	< 0.07	< 0.07	< 0.002	329	3.70				
VR04619A 090-095	207 276	8.87	< 0.07	< 0.07	< 0.002	256	6.57				
VR04620A 095-100	207 276	9.32	< 0.07	< 0.07	< 0.002	317	10.20				
VR04621A 100-105	207 276	7.27	< 0.07	< 0.07	< 0.002	298	4.80				
VR04622A 105-110	207 276	7.85	< 0.07	< 0.07	< 0.002	235	6.82				
VR04623A 110-115	207 276	9.50	< 0.07	< 0.07	< 0.002	288	3.02				
VR04624A 115-120	207 276	7.85	< 0.07	< 0.07	0.003	259	3.05				
VR04625A 120-125	207 276	7.92	< 0.07	< 0.07	< 0.002	293	4.13				
VR04626A 125-130	207 276	7.61	< 0.07	< 0.07	< 0.002	309	3.15				
VR04627A 130-135	207 274	6.66	< 0.07	< 0.07	< 0.002	297	1.50				
VR04628A 135-140	207 276	8.03	< 0.07	< 0.07	< 0.002	325	8.02				
VR04629A 140-145	207 274	6.75	< 0.07	< 0.07	< 0.002	273	4.20				
VR04630A 145-150	207 274	5.69	< 0.07	< 0.07	< 0.002	288	5.61				
VR04631A 150-155	207 276	7.81	< 0.07	< 0.07	< 0.002	244	5.15				
VR04632A 155-160	207 276	9.36	< 0.07	< 0.07	< 0.002	315	7.40				
VR04633A 160-165	207 273	15.03	< 0.07	< 0.07	< 0.002	314	2.29				
VR04634A 165-170	207 276	10.22	< 0.07	< 0.07	< 0.002	350	3.65				
VR04635A 170-175	207 276	10.91	< 0.07	< 0.07	< 0.002	279	5.95				
VR04636A 175-180	207 273	13.91	< 0.07	< 0.07	< 0.002	325	8.38				
VR04637A 180-185	207 273	12.49	< 0.07	< 0.07	< 0.002	304	4.35				
VR04638A 185-190	207 276	9.54	< 0.07	< 0.07	< 0.002	279	7.02				
VR04639A 190-195	207 276	10.28	< 0.07	< 0.07	< 0.002	292	4.75				
VR04640A 195-200	207 274	7.11	< 0.07	< 0.07	< 0.002	291	6.95				

CERTIFICATION:

Theresa Vink



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

Project : 05-432 93LS19
Comments: ATTN:ANN DOYLE

Number :2
Total Pages :2
Certificate Date: 27-MAY-93
Invoice No. :19314051
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314051

SAMPLE	PREP CODE		Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04641A 200-205	207	273	12.78	< 0.07	< 0.07	< 0.002	336	1.90				
VR04642A 205-210	207	270	30.67	< 0.07	< 0.07	< 0.002	297	1.65				
VR04643A 210-215	207	273	13.14	< 0.07	< 0.07	< 0.002	307	3.38				
VR04644A 215-220	207	274	6.62	< 0.07	< 0.07	< 0.002	318	9.19				
VR04610AR045-050	207	234	-----	< 0.07	< 0.07	< 0.002	232	3.04				
VR04620AR095-100	207	234	-----	< 0.07	< 0.07	< 0.002	300	6.75				
VR04630AR145-150	207	234	-----	< 0.07	< 0.07	< 0.002	232	4.40				
VR04640AR195-200	207	234	-----	< 0.07	< 0.07	< 0.002	199	8.51				

CERTIFICATION:

Shelley Vank



Chemex Labs Ltd.

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

J: KENNECOTT CANADA, INC.

138 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project: 05-432 93LS19
Comments: ATTN:ANN DOYLE

ar :1-A
Total Pages :2
Certificate Date: 17-MAY-93
Invoice No. :19314052
P.O. Number :05-432
Account :KAVA

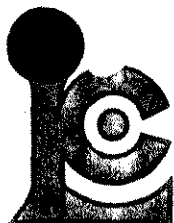
CERTIFICATE OF ANALYSIS

A9314052

SAMPLE	PREP CODE	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	Mo ppm
VR04601A 000-005	299 229	< 0.2	0.99	24	1550	< 0.5	< 2	0.20	< 0.5	4	320	22	1.33	< 10	< 1	0.40	20	0.47	205	1
VR04602A 005-010	299 229	< 0.2	0.93	62	1000	< 0.5	< 2	0.23	< 0.5	5	198	14	1.51	< 10	< 1	0.32	20	0.48	295	1
VR04603A 010-015	299 229	< 0.2	1.21	102	420	< 0.5	< 2	0.25	0.5	9	215	19	2.23	< 10	< 1	0.21	20	0.76	660	1
VR04604A 015-020	299 229	< 0.2	0.94	74	1160	< 0.5	< 2	0.19	< 0.5	7	198	16	1.84	< 10	< 1	0.22	10	0.52	330	1
VR04605A 020-025	299 229	< 0.2	0.89	60	940	< 0.5	< 2	0.19	< 0.5	7	255	13	1.84	< 10	< 1	0.24	10	0.47	230	1
VR04606A 025-030	299 229	< 0.2	1.02	30	680	< 0.5	< 2	0.34	< 0.5	7	197	22	1.90	< 10	< 1	0.19	10	0.53	215	< 1
VR04607A 030-035	299 229	< 0.2	0.99	28	1100	< 0.5	< 2	0.20	< 0.5	6	152	37	1.79	< 10	< 1	0.28	20	0.62	275	< 1
VR04608A 035-040	299 229	< 0.2	0.92	4	1780	< 0.5	< 2	0.15	< 0.5	5	175	19	1.49	< 10	< 1	0.41	20	0.53	385	< 1
VR04609A 040-045	299 229	< 0.2	1.12	42	960	< 0.5	< 2	0.19	< 0.5	6	126	17	1.71	< 10	< 1	0.34	20	0.74	470	< 1
VR04610A 045-050	299 229	< 0.2	1.13	4	1590	< 0.5	< 2	0.19	< 0.5	7	157	15	1.77	< 10	< 1	0.35	20	0.71	285	< 1
VR04611A 050-055	299 229	< 0.2	0.81	8	590	< 0.5	< 2	0.18	< 0.5	5	73	12	1.42	< 10	< 1	0.23	10	0.55	330	< 1
VR04612A 055-060	299 229	< 0.2	0.81	20	670	< 0.5	< 2	0.16	< 0.5	5	97	14	1.25	< 10	< 1	0.39	20	0.34	355	< 1
VR04613A 060-065	299 229	0.4	0.91	12	350	< 0.5	2	0.19	< 0.5	6	16	20	1.89	10	< 1	0.22	20	0.55	370	< 1
VR04614A 065-070	299 229	0.4	0.67	18	260	< 0.5	2	0.16	< 0.5	7	10	39	2.13	< 10	< 1	0.18	10	0.37	410	1
VR04615A 070-075	299 229	< 0.2	0.58	6	430	< 0.5	2	0.14	1.0	8	10	16	1.51	< 10	< 1	0.17	10	0.33	715	1
VR04616A 075-080	299 229	< 0.2	0.64	16	190	< 0.5	2	0.14	0.5	8	10	28	1.92	< 10	< 1	0.17	10	0.37	445	1
VR04617A 080-085	299 229	0.2	0.75	6	400	< 0.5	2	0.13	< 0.5	6	12	29	2.05	< 10	< 1	0.27	10	0.33	285	2
VR04618A 085-090	299 229	0.2	0.78	4	370	< 0.5	2	0.16	0.5	8	12	25	1.89	< 10	< 1	0.19	10	0.43	510	1
VR04619A 090-095	299 229	0.2	0.83	52	530	< 0.5	< 2	0.16	< 0.5	7	11	20	2.03	< 10	< 1	0.19	10	0.46	310	1
VR04620A 095-100	299 229	0.2	0.61	24	270	< 0.5	2	0.14	0.5	7	12	23	1.87	< 10	< 1	0.19	10	0.30	195	< 1
VR04621A 100-105	299 229	0.4	0.71	10	170	< 0.5	< 2	0.13	0.5	7	12	30	1.92	< 10	< 1	0.16	10	0.42	395	< 1
VR04622A 105-110	299 229	0.6	0.70	10	160	< 0.5	< 2	0.15	1.5	7	14	32	2.20	< 10	< 1	0.17	< 10	0.49	365	1
VR04623A 110-115	299 229	0.2	0.48	18	270	< 0.5	< 2	0.33	< 0.5	7	10	16	1.64	< 10	< 1	0.18	10	0.20	340	1
VR04624A 115-120	299 229	0.2	0.65	8	250	< 0.5	< 2	1.64	< 0.5	6	10	12	1.50	10	< 1	0.26	< 10	0.24	395	1
VR04625A 120-125	299 229	0.2	0.89	12	150	< 0.5	< 2	1.76	< 0.5	7	12	15	1.71	10	< 1	0.25	< 10	0.44	405	< 1
VR04626A 125-130	299 229	0.4	0.89	2	200	< 0.5	< 2	2.01	< 0.5	5	12	12	1.52	10	< 1	0.23	< 10	0.46	565	< 1
VR04627A 130-135	299 229	0.2	1.09	6	220	< 0.5	< 2	1.67	< 0.5	6	13	14	1.89	10	< 1	0.34	< 10	0.62	535	< 1
VR04628A 135-140	299 229	< 0.2	0.94	12	210	< 0.5	< 2	1.05	< 0.5	6	10	13	1.88	10	< 1	0.30	10	0.56	595	< 1
VR04629A 140-145	299 229	0.2	0.55	6	90	< 0.5	< 2	0.56	< 0.5	4	8	10	1.34	< 10	< 1	0.14	< 10	0.28	300	< 1
VR04630A 145-150	299 229	0.2	0.72	6	130	< 0.5	< 2	1.27	< 0.5	6	11	10	1.86	< 10	< 1	0.19	< 10	0.28	535	< 1
VR04631A 150-155	299 229	0.2	0.70	42	140	< 0.5	< 2	0.73	< 0.5	7	13	23	1.79	< 10	< 1	0.18	< 10	0.38	420	1
VR04632A 155-160	299 229	0.2	0.69	20	150	< 0.5	< 2	0.90	< 0.5	6	11	25	1.63	< 10	< 1	0.22	< 10	0.39	355	2
VR04633A 160-165	299 229	0.2	0.81	176	160	< 0.5	< 2	0.87	< 0.5	6	12	23	1.71	< 10	< 1	0.23	< 10	0.52	340	1
VR04634A 165-170	299 229	< 0.2	1.64	84	350	0.5	< 2	1.11	< 0.5	14	56	25	3.28	10	< 1	0.21	10	1.56	825	1
VR04635A 170-175	299 229	< 0.2	2.11	34	310	< 0.5	< 2	0.93	< 0.5	18	87	27	4.22	10	< 1	0.28	10	2.25	720	< 1
VR04636A 175-180	299 229	< 0.2	2.54	16	600	< 0.5	< 2	1.05	< 0.5	19	45	22	4.52	10	< 1	0.39	10	2.48	535	< 1
VR04637A 180-185	299 229	< 0.2	2.09	12	170	< 0.5	< 2	1.20	< 0.5	24	92	31	5.08	10	< 1	0.10	10	2.19	515	< 1
VR04638A 185-190	299 229	< 0.2	2.73	60	450	< 0.5	< 2	1.28	< 0.5	26	98	32	5.44	10	< 1	0.16	10	2.20	1015	< 1
VR04639A 190-195	299 229	0.2	1.84	132	300	< 0.5	< 2	0.40	0.5	10	19	12	2.88	10	< 1	0.31	40	0.66	425	< 1
VR04640A 195-200	299 229	0.2	1.08	56	180	< 0.5	< 2	0.24	< 0.5	3	18	12	2.08	10	< 1	0.33	40	0.25	245	1

CERTIFICATION:

Hart Bickler



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SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04601A 000-005	299 229	0.06	9	340	72	< 2	1	27	< 0.01	< 10	< 10	4	< 10	48
VR04602A 005-010	299 229	0.01	9	380	24	< 2	2	23	< 0.01	< 10	< 10	8	< 10	54
VR04603A 010-015	299 229	0.01	18	520	18	< 2	3	18	< 0.01	< 10	< 10	20	< 10	74
VR04604A 015-020	299 229	0.02	11	420	14	< 2	2	32	< 0.01	< 10	< 10	15	< 10	56
VR04605A 020-025	299 229	0.02	12	410	16	< 2	2	29	0.01	< 10	< 10	16	< 10	52
VR04606A 025-030	299 229	0.02	17	530	12	< 2	3	30	0.03	< 10	< 10	27	< 10	62
VR04607A 030-035	299 229	0.03	11	480	14	< 2	2	26	0.01	< 10	< 10	10	< 10	70
VR04608A 035-040	299 229	0.03	9	430	8	< 2	3	52	0.01	< 10	< 10	6	< 10	54
VR04609A 040-045	299 229	0.02	10	530	24	< 2	3	22	< 0.01	< 10	< 10	8	< 10	70
VR04610A 045-050	299 229	0.02	10	510	14	< 2	3	36	< 0.01	< 10	< 10	8	< 10	70
VR04611A 050-055	299 229	0.01	8	510	8	< 2	2	19	< 0.01	< 10	< 10	4	< 10	70
VR04612A 055-060	299 229	0.02	7	540	8	< 2	1	17	< 0.01	< 10	< 10	3	< 10	42
VR04613A 060-065	299 229	0.01	11	500	46	< 2	1	14	< 0.01	< 10	< 10	4	< 10	98
VR04614A 065-070	299 229	< 0.01	11	480	128	< 2	1	12	< 0.01	< 10	< 10	2	< 10	160
VR04615A 070-075	299 229	< 0.01	11	370	28	< 2	< 1	13	< 0.01	< 10	< 10	1	< 10	100
VR04616A 075-080	299 229	< 0.01	13	390	36	< 2	1	14	< 0.01	< 10	< 10	1	< 10	84
VR04617A 080-085	299 229	0.01	13	430	34	< 2	1	15	< 0.01	< 10	< 10	3	< 10	98
VR04618A 085-090	299 229	0.01	13	500	18	< 2	1	23	< 0.01	< 10	< 10	3	< 10	92
VR04619A 090-095	299 229	< 0.01	12	480	20	< 2	1	15	< 0.01	< 10	< 10	4	< 10	80
VR04620A 095-100	299 229	< 0.01	10	510	20	< 2	1	14	< 0.01	< 10	< 10	3	< 10	100
VR04621A 100-105	299 229	0.01	9	470	60	< 2	1	17	< 0.01	< 10	< 10	4	< 10	116
VR04622A 105-110	299 229	< 0.01	11	520	138	< 2	1	11	< 0.01	< 10	< 10	4	< 10	164
VR04623A 110-115	299 229	< 0.01	12	510	26	< 2	1	17	< 0.01	< 10	< 10	3	< 10	44
VR04624A 115-120	299 229	< 0.01	11	480	14	< 2	1	47	< 0.01	< 10	< 10	2	< 10	40
VR04625A 120-125	299 229	< 0.01	11	510	14	< 2	1	59	< 0.01	< 10	< 10	3	< 10	48
VR04626A 125-130	299 229	< 0.01	10	430	14	< 2	1	87	< 0.01	< 10	< 10	3	< 10	46
VR04627A 130-135	299 229	0.01	11	500	12	< 2	1	77	< 0.01	< 10	< 10	6	< 10	50
VR04628A 135-140	299 229	0.01	12	540	8	< 2	1	45	0.01	< 10	< 10	6	< 10	52
VR04629A 140-145	299 229	< 0.01	8	350	8	< 2	1	18	< 0.01	< 10	< 10	3	< 10	40
VR04630A 145-150	299 229	< 0.01	9	510	8	< 2	1	32	< 0.01	< 10	< 10	4	< 10	64
VR04631A 150-155	299 229	< 0.01	10	500	30	< 2	1	24	< 0.01	< 10	< 10	4	< 10	68
VR04632A 155-160	299 229	< 0.01	11	480	28	< 2	1	40	< 0.01	< 10	< 10	4	< 10	52
VR04633A 160-165	299 229	< 0.01	9	510	28	< 2	1	43	< 0.01	< 10	< 10	6	< 10	68
VR04634A 165-170	299 229	0.04	32	870	18	< 2	5	57	0.04	< 10	< 10	42	< 10	96
VR04635A 170-175	299 229	0.08	46	1170	2	< 2	9	71	0.08	< 10	< 10	63	< 10	76
VR04636A 175-180	299 229	0.12	30	920	2	< 2	12	89	0.09	< 10	< 10	93	< 10	68
VR04637A 180-185	299 229	0.12	62	1640	< 2	< 2	4	100	0.09	< 10	< 10	77	< 10	86
VR04638A 185-190	299 229	0.11	55	1660	< 2	< 2	9	118	0.11	< 10	< 10	81	< 10	94
VR04639A 190-195	299 229	0.01	17	490	22	< 2	4	52	< 0.01	< 10	< 10	24	< 10	92
VR04640A 195-200	299 229	< 0.01	14	270	20	< 2	2	28	< 0.01	< 10	< 10	6	< 10	68

CERTIFICATION:

Hank Bickler



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.

138 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project: 05-432 93LS19
Comments: ATTN:ANN DOYLE

er :2-A
Pages :2
Certificate Date: 17-MAY-93
Invoice No. :19314052
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314052

SAMPLE	PREP CODE	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	Mo ppm
VR04641A 200-205	299 229	0.2	1.09	42	150	< 0.5	< 2	0.34	< 0.5	3	14	7	1.80	10	< 1	0.37	40	0.23	265	< 1
VR04642A 205-210	299 229	0.2	1.08	164	250	< 0.5	< 2	0.24	< 0.5	3	12	7	1.70	10	< 1	0.35	40	0.26	275	1
VR04643A 210-215	299 229	0.2	0.92	118	220	< 0.5	< 2	0.33	< 0.5	2	10	6	1.59	10	< 1	0.34	40	0.18	260	< 1
VR04644A 215-220	299 229	0.2	0.80	22	120	< 0.5	< 2	0.24	< 0.5	2	11	6	1.56	10	< 1	0.27	40	0.19	215	1

CERTIFICATION:

Harry Buchler



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to: KENNECOTT CANADA, INC.

138 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project: 05-432 93LS19
Comments: ATTN: ANN DOYLE

Order: 2-B
Pages: 2
Certificate Date: 17-MAY-93
Invoice No.: 19314052
P.O. Number: 05-432
Account: KAVA

CERTIFICATE OF ANALYSIS

A9314052

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04641A 200-205	299 229	< 0.01	10	260	22	< 2	1	27	< 0.01	< 10	< 10	5	< 10	58
VR04642A 205-210	299 229	< 0.01	8	280	20	< 2	1	30	< 0.01	< 10	< 10	6	< 10	54
VR04643A 210-215	299 229	0.01	8	250	30	< 2	1	25	< 0.01	< 10	< 10	3	< 10	54
VR04644A 215-220	299 229	0.01	8	260	16	< 2	1	21	< 0.01	< 10	< 10	4	< 10	50

CERTIFICATION:

Hart Bickler



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212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

KENNECOTT CANADA, INC.

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

Project: 05-432 93LS20
Comments: ATTN:ANN DOYLE

Pages: 12
Certificate Date: 21-MAY-93
Invoice No.: 19314394
P.O. Number: 05-432
Account: KAVA

CERTIFICATE OF ANALYSIS

A9314394

SAMPLE	PREP CODE		Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04651A 000-005	207	274	1.12	< 0.07	< 0.07	< 0.002	330	4.05				
VR04652A 005-010	207	276	7.88	< 0.07	< 0.07	< 0.002	383	4.85				
VR04653A 010-015	207	276	8.96	< 0.07	< 0.07	< 0.002	315	6.40				
VR04654A 015-020	207	270	16.74	< 0.07	< 0.07	< 0.002	354	6.69				
VR04655A 020-025	207	276	8.64	< 0.07	< 0.07	< 0.002	327	9.37				
VR04656A 025-030	207	276	9.85	< 0.07	< 0.07	< 0.002	352	10.70				
VR04657A 030-035	207	274	6.84	< 0.07	< 0.07	< 0.002	358	2.87				
VR04658A 035-040	207	276	7.34	< 0.07	< 0.07	< 0.002	422	8.16				
VR04659A 040-045	207	276	11.50	< 0.07	< 0.07	< 0.002	348	11.80				
VR04660A 045-050	207	274	5.08	< 0.07	< 0.07	0.004	379	11.00				
VR04661A 050-055	207	274	6.48	< 0.07	< 0.07	< 0.002	369	17.20				
VR04662A 055-060	207	274	5.46	< 0.07	< 0.07	< 0.002	393	10.40				
VR04663A 060-065	207	274	7.18	< 0.07	< 0.07	< 0.002	377	10.00				
VR04664A 065-070	207	273	12.60	0.47	0.48	0.005	398	17.20				
VR04665A 070-075	207	276	9.70	1.18	1.17	0.019	381	11.60				
VR04666A 075-080	207	273	13.29	0.33	0.31	0.011	369	13.70				
VR04667A 080-085	207	273	14.00	< 0.07	< 0.07	0.004	369	14.60				
VR04668A 085-090	207	273	12.37	< 0.07	< 0.07	< 0.002	385	14.40				
VR04669A 090-095	207	276	11.59	< 0.07	< 0.07	< 0.002	406	12.90				
VR04670A 095-100	207	273	12.48	< 0.07	< 0.07	< 0.002	369	8.66				
VR04671A 100-105	207	273	13.39	< 0.07	< 0.07	< 0.002	400	12.40				
VR04672A 105-110	207	276	11.28	< 0.07	< 0.07	< 0.002	384	8.76				
VR04673A 110-115	207	276	7.96	7.41	6.58	0.398	362	13.10				
VR04674A 115-120	207	276	10.01	3.37	3.19	0.104	325	13.00				
VR04675A 120-125	207	273	12.01	1.44	1.27	0.066	302	9.40				
VR04676A 125-130	207	276	10.70	0.38	0.38	0.003	300	6.92				
VR04677A 130-135	207	276	11.13	< 0.07	< 0.07	0.020	377	6.77				
VR04678A 135-140	207	276	9.71	< 0.07	< 0.07	< 0.002	387	16.70				
VR04679A 140-145	207	273	12.22	< 0.07	< 0.07	< 0.002	231	14.40				
VR04680A 145-150	207	276	9.02	< 0.07	< 0.07	< 0.002	225	12.00				
VR04681A 150-155	207	276	10.56	< 0.07	< 0.07	< 0.002	250	5.47				
VR04682A 155-160	207	276	10.34	< 0.07	< 0.07	< 0.002	172	9.31				
VR04683A 160-165	207	273	11.98	0.20	0.14	0.013	179	8.25				
VR04684A 165-170	207	273	11.94	0.07	0.07	< 0.002	254	6.20				
VR04685A 170-175	207	273	12.52	< 0.07	< 0.07	< 0.002	247	7.98				
VR04686A 175-180	207	273	13.82	< 0.07	< 0.07	< 0.002	232	12.40				
VR04687A 180-185	207	273	15.88	< 0.07	< 0.07	< 0.002	245	15.10				
VR04688A 185-190	207	273	12.86	< 0.07	< 0.07	< 0.002	215	10.10				
VR04689A 190-195	207	273	13.16	< 0.07	< 0.07	< 0.002	205	11.90				
VR04690A 195-200	207	273	14.14	< 0.07	< 0.07	< 0.002	278	9.35				

CERTIFICATION:

Ann Doyle



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o: KENNECOTT CANADA, INC.

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

Project : 05-432 93LS20
Comments: ATTN:ANN DOYLE

er :2
Pages :2
Certificate Date: 21-MAY-93
Invoice No. :19314394
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314394

SAMPLE	PREP CODE		Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04691A 200-205	207	--	14.52	< 0.07	< 0.07	< 0.002	316	7.25				
VR04692A 205-210	207	276	9.94	< 0.07	< 0.07	< 0.002	301	6.20				
VR04693A 210-215	207	--	13.06	0.22	0.21	0.006	328	7.80				
VR04694A 215-220	207	276	11.58	< 0.07	< 0.07	< 0.002	268	11.10				
VR04695A 220-225	207	273	12.10	< 0.07	< 0.07	0.005	286	13.30				
VR04696A 225-230	207	273	13.10	< 0.07	< 0.07	< 0.002	281	8.32				
VR04697A 230-235	207	273	13.34	< 0.07	< 0.07	< 0.002	280	11.30				
VR04698A 235-240	207	273	12.79	< 0.07	< 0.07	< 0.002	321	6.85				
VR04699A 240-245	207	273	15.20	< 0.07	< 0.07	< 0.002	296	11.50				
VR04660AR045-050	207	234	-----	< 0.07	< 0.07	< 0.002	392	10.90				
VR04670AR095-100	207	234	-----	< 0.07	< 0.07	< 0.002	377	11.20				
VR04680AR145-150	207	234	-----	< 0.07	< 0.07	< 0.002	168	9.87				
VR04690AR195-200	207	234	-----	< 0.07	< 0.07	< 0.002	306	10.00				

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or: KENNECOTT CANADA, INC.

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

Project: 05-432 93LS20
Comments: ATTN:ANN DOYLE

er :1-A
Pages :2
Certificate Date: 21-MAY-93
Invoice No. :19314395
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314395

SAMPLE	PREP CODE	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	Mo ppm
VR04651A 000-005	299 229	0.2	0.79	14	240	< 0.5	< 2	0.21	< 0.5	5	20	19	1.82	< 10	< 1	0.18	20	0.48	285	1
VR04652A 005-010	299 229	0.4	0.75	4	170	< 0.5	< 2	0.17	< 0.5	4	14	24	1.59	< 10	< 1	0.19	20	0.50	230	< 1
VR04653A 010-015	299 229	0.4	0.80	8	150	< 0.5	< 2	0.16	< 0.5	3	14	14	1.62	< 10	< 1	0.31	10	0.61	250	< 1
VR04654A 015-020	299 229	0.2	0.76	8	140	< 0.5	< 2	0.16	< 0.5	3	10	10	1.35	< 10	< 1	0.52	10	0.64	195	< 1
VR04655A 020-025	299 229	0.2	0.66	2	120	< 0.5	< 2	0.19	< 0.5	2	8	10	1.29	< 10	< 1	0.47	10	0.55	170	< 1
VR04656A 025-030	299 229	0.2	1.35	< 2	340	< 0.5	< 2	0.30	< 0.5	2	8	9	1.57	< 10	< 1	0.98	10	0.91	245	1
VR04657A 030-035	299 229	0.2	1.18	22	250	< 0.5	< 2	0.23	< 0.5	5	15	15	2.16	< 10	< 1	0.65	10	0.86	350	1
VR04658A 035-040	299 229	0.2	1.14	16	320	< 0.5	< 2	0.70	< 0.5	8	19	20	2.46	< 10	< 1	0.79	< 10	1.05	420	< 1
VR04659A 040-045	299 229	0.2	1.20	46	280	< 0.5	< 2	0.94	< 0.5	6	25	25	2.49	< 10	< 1	0.53	< 10	1.17	430	< 1
VR04660A 045-050	299 229	0.2	0.99	16	180	< 0.5	< 2	1.26	< 0.5	6	26	16	2.44	< 10	< 1	0.31	< 10	0.94	725	2
VR04661A 050-055	299 229	0.2	1.23	20	160	< 0.5	< 2	0.35	< 0.5	8	23	19	2.68	< 10	< 1	0.27	10	1.13	480	< 1
VR04662A 055-060	299 229	0.2	1.25	10	190	< 0.5	< 2	0.44	< 0.5	7	23	15	2.64	< 10	< 1	0.38	10	1.15	390	< 1
VR04663A 060-065	299 229	0.2	1.22	< 2	180	< 0.5	< 2	0.71	< 0.5	6	20	19	2.49	< 10	< 1	0.54	10	1.19	435	< 1
VR04664A 065-070	299 229	0.4	0.99	2	380	< 0.5	< 2	1.50	< 0.5	7	18	11	2.36	< 10	< 1	0.51	10	1.07	620	< 1
VR04665A 070-075	299 229	0.6	1.02	< 2	190	< 0.5	< 2	1.13	< 0.5	8	20	13	2.55	< 10	< 1	0.42	10	1.13	535	< 1
VR04666A 075-080	299 229	0.2	1.33	< 2	160	< 0.5	< 2	0.77	< 0.5	7	25	18	2.62	< 10	< 1	0.42	10	1.38	475	< 1
VR04667A 080-085	299 229	0.2	1.44	< 2	180	< 0.5	< 2	0.86	< 0.5	8	27	15	2.63	< 10	< 1	0.59	10	1.45	505	< 1
VR04668A 085-090	299 229	0.2	1.25	< 2	160	< 0.5	< 2	0.90	< 0.5	6	23	14	2.37	< 10	< 1	0.40	10	1.18	495	< 1
VR04669A 090-095	299 229	0.2	1.13	< 2	190	< 0.5	< 2	0.92	< 0.5	6	19	14	2.30	< 10	< 1	0.50	10	1.04	490	< 1
VR04670A 095-100	299 229	0.2	1.36	2	220	< 0.5	< 2	0.94	< 0.5	7	24	16	2.52	< 10	< 1	0.47	10	1.22	460	< 1
VR04671A 100-105	299 229	0.2	1.36	20	190	< 0.5	< 2	0.99	< 0.5	7	26	14	2.55	< 10	< 1	0.34	10	1.22	470	< 1
VR04672A 105-110	299 229	0.2	1.11	4	200	< 0.5	< 2	0.91	< 0.5	6	22	17	2.41	< 10	< 1	0.33	< 10	0.99	460	< 1
VR04673A 110-115	299 229	1.8	0.73	14	160	< 0.5	< 2	0.86	< 0.5	7	16	14	2.08	< 10	< 1	0.29	10	0.69	440	1
VR04674A 115-120	299 229	1.6	0.79	4	160	< 0.5	< 2	0.50	< 0.5	8	14	14	2.56	< 10	< 1	0.24	10	0.74	520	1
VR04675A 120-125	299 229	1.0	0.96	< 2	200	< 0.5	< 2	1.28	< 0.5	7	20	18	2.28	< 10	< 1	0.33	10	0.79	550	< 1
VR04676A 125-130	299 229	0.4	1.06	2	220	< 0.5	< 2	1.48	< 0.5	8	17	11	2.55	< 10	< 1	0.35	10	0.94	690	1
VR04677A 130-135	299 229	0.4	1.08	4	200	< 0.5	< 2	1.67	< 0.5	7	22	21	2.33	< 10	< 1	0.29	10	0.77	510	1
VR04678A 135-140	299 229	0.2	1.10	32	180	< 0.5	< 2	1.51	< 0.5	6	26	21	2.55	< 10	< 1	0.23	10	0.76	445	1
VR04679A 140-145	299 229	0.2	1.07	40	110	< 0.5	< 2	1.49	< 0.5	7	24	21	2.41	< 10	< 1	0.14	10	0.85	490	< 1
VR04680A 145-150	299 229	< 0.2	1.12	6	120	< 0.5	< 2	0.85	< 0.5	6	25	19	2.56	< 10	< 1	0.17	10	0.93	405	< 1
VR04681A 150-155	299 229	< 0.2	1.26	4	170	< 0.5	< 2	0.95	< 0.5	8	26	15	2.65	< 10	< 1	0.22	10	1.04	465	< 1
VR04682A 155-160	299 229	0.2	1.36	< 2	170	< 0.5	< 2	0.95	< 0.5	7	24	16	2.57	< 10	< 1	0.24	10	1.18	475	< 1
VR04683A 160-165	299 229	0.2	1.28	12	210	< 0.5	< 2	2.17	< 0.5	8	27	23	2.64	< 10	< 1	0.30	10	0.99	580	< 1
VR04684A 165-170	299 229	0.2	1.35	24	150	< 0.5	< 2	1.77	< 0.5	8	27	22	2.83	< 10	< 1	0.21	20	1.03	570	< 1
VR04685A 170-175	299 229	0.2	1.04	8	190	< 0.5	< 2	2.13	< 0.5	8	31	24	2.70	< 10	< 1	0.23	20	0.86	530	< 1
VR04686A 175-180	299 229	0.2	1.31	46	180	< 0.5	< 2	2.25	< 0.5	12	51	19	3.38	< 10	< 1	0.18	20	1.15	685	1
VR04687A 180-185	299 229	0.2	1.56	26	290	< 0.5	< 2	2.01	< 0.5	14	65	21	4.07	< 10	< 1	0.24	20	1.39	675	1
VR04688A 185-190	299 229	0.2	0.97	8	320	< 0.5	< 2	1.04	< 0.5	8	20	13	2.30	< 10	< 1	0.46	20	0.91	405	< 1
VR04689A 190-195	299 229	0.2	1.16	6	160	< 0.5	< 2	2.32	< 0.5	7	21	14	2.45	< 10	< 1	0.22	10	1.06	530	< 1
VR04690A 195-200	299 229	< 0.2	1.08	4	150	< 0.5	< 2	1.62	< 0.5	7	21	16	2.14	< 10	< 1	0.27	10	0.89	285	< 1

CERTIFICATION:

Handwritten signature: Hart Bickler



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A9314395

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04651A 000-005	299 229	0.01	14	340	18	< 2	2	18	0.01	< 10	< 10	12	< 10	52
VR04652A 005-010	299 229	0.01	10	380	26	< 2	1	17	0.01	< 10	< 10	9	< 10	90
VR04653A 010-015	299 229	< 0.01	11	380	28	< 2	1	15	0.03	< 10	< 10	8	< 10	72
VR04654A 015-020	299 229	0.01	5	340	20	< 2	1	13	0.06	< 10	< 10	6	< 10	46
VR04655A 020-025	299 229	0.01	6	330	30	< 2	1	12	0.05	< 10	< 10	5	< 10	42
VR04656A 025-030	299 229	0.02	4	300	30	< 2	2	24	0.07	< 10	< 10	8	< 10	58
VR04657A 030-035	299 229	0.01	11	490	8	< 2	4	18	0.06	< 10	< 10	15	< 10	62
VR04658A 035-040	299 229	0.01	14	630	12	< 2	7	42	0.10	< 10	< 10	20	< 10	62
VR04659A 040-045	299 229	< 0.01	14	670	16	< 2	5	51	0.07	< 10	< 10	23	< 10	60
VR04660A 045-050	299 229	0.01	13	540	14	< 2	3	51	0.03	< 10	< 10	18	< 10	52
VR04661A 050-055	299 229	0.01	11	610	24	< 2	3	20	0.02	< 10	< 10	20	< 10	68
VR04662A 055-060	299 229	0.01	8	660	16	< 2	3	20	0.04	< 10	< 10	20	< 10	72
VR04663A 060-065	299 229	0.01	11	630	12	< 2	3	47	0.04	< 10	< 10	18	< 10	74
VR04664A 065-070	299 229	0.01	8	500	4	< 2	3	76	0.04	< 10	< 10	14	< 10	68
VR04665A 070-075	299 229	0.01	10	510	14	< 2	3	79	0.02	< 10	< 10	15	< 10	66
VR04666A 075-080	299 229	0.01	9	650	18	< 2	3	52	0.03	< 10	< 10	20	10	70
VR04667A 080-085	299 229	0.01	10	670	16	< 2	3	71	0.06	< 10	< 10	22	10	72
VR04668A 085-090	299 229	0.01	9	660	14	< 2	3	67	0.04	< 10	< 10	17	< 10	64
VR04669A 090-095	299 229	0.01	8	570	16	< 2	3	43	0.05	< 10	< 10	16	< 10	60
VR04670A 095-100	299 229	0.01	11	620	18	< 2	5	40	0.04	< 10	< 10	21	< 10	64
VR04671A 100-105	299 229	0.01	13	620	12	< 2	5	53	0.02	< 10	< 10	20	< 10	66
VR04672A 105-110	299 229	0.01	12	670	8	< 2	4	39	0.02	< 10	< 10	17	< 10	58
VR04673A 110-115	299 229	0.01	10	560	8	< 2	2	37	0.01	< 10	< 10	8	< 10	32
VR04674A 115-120	299 229	< 0.01	11	740	8	< 2	2	29	< 0.01	< 10	< 10	8	< 10	38
VR04675A 120-125	299 229	0.02	11	700	6	< 2	3	55	0.01	< 10	< 10	9	< 10	42
VR04676A 125-130	299 229	0.01	10	820	6	< 2	3	65	0.01	< 10	< 10	10	< 10	38
VR04677A 130-135	299 229	0.01	11	710	6	< 2	3	56	0.01	< 10	< 10	13	< 10	56
VR04678A 135-140	299 229	0.01	13	680	14	< 2	4	54	< 0.01	< 10	< 10	16	< 10	62
VR04679A 140-145	299 229	0.01	14	650	20	< 2	4	57	< 0.01	< 10	< 10	15	< 10	58
VR04680A 145-150	299 229	0.01	13	590	14	< 2	3	34	< 0.01	< 10	< 10	16	< 10	58
VR04681A 150-155	299 229	0.01	12	610	10	< 2	4	34	< 0.01	< 10	< 10	19	< 10	64
VR04682A 155-160	299 229	0.01	11	640	14	< 2	6	38	0.01	< 10	< 10	21	< 10	66
VR04683A 160-165	299 229	0.02	12	820	8	< 2	5	89	0.02	< 10	< 10	19	10	68
VR04684A 165-170	299 229	0.01	11	730	12	< 2	4	65	< 0.01	< 10	< 10	20	10	74
VR04685A 170-175	299 229	0.01	13	680	8	< 2	6	92	0.02	< 10	< 10	19	< 10	64
VR04686A 175-180	299 229	0.03	23	790	8	< 2	8	96	0.02	< 10	< 10	39	10	62
VR04687A 180-185	299 229	0.04	28	860	8	< 2	11	121	0.04	< 10	< 10	48	< 10	74
VR04688A 185-190	299 229	0.01	11	730	4	< 2	6	51	0.04	< 10	< 10	17	< 10	62
VR04689A 190-195	299 229	0.01	11	690	12	< 2	6	106	0.02	< 10	< 10	19	< 10	66
VR04690A 195-200	299 229	0.01	12	660	14	< 2	5	73	0.06	< 10	< 10	18	< 10	54

CERTIFICATION:

Handwritten signature: Hant Bickler



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

Project : 05-432 93LS20
Comments: ATTN:ANN DOYLE

er :2-A
Pages :2
Certificate Date: 21-MAY-93
Invoice No. :19314395
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314395

SAMPLE	PREP CODE		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	Mo ppm
VR04691A 200-205	299	229	< 0.2	1.15	< 2	160	< 0.5	< 2	1.89	0.5	8	24	17	2.30	< 10	< 1	0.27	10	0.90	330	< 1
VR04692A 205-210	299	229	0.2	1.01	2	160	< 0.5	< 2	1.59	0.5	6	24	16	2.15	< 10	< 1	0.23	10	0.87	385	< 1
VR04693A 210-215	299	229	0.2	0.76	8	240	< 0.5	< 2	0.93	0.5	7	21	13	2.10	< 10	< 1	0.34	20	0.79	365	< 1
VR04694A 215-220	299	229	< 0.2	0.87	8	240	< 0.5	< 2	1.35	0.5	7	26	13	2.49	< 10	< 1	0.33	20	0.88	430	1
VR04695A 220-225	299	229	< 0.2	0.65	10	210	< 0.5	< 2	1.55	0.5	7	24	16	2.13	< 10	< 1	0.29	10	0.63	410	1
VR04696A 225-230	299	229	0.2	0.86	6	220	< 0.5	2	1.60	0.5	8	34	17	2.63	< 10	< 1	0.25	10	0.82	525	1
VR04697A 230-235	299	229	0.2	0.95	8	260	< 0.5	2	1.38	0.5	7	30	18	2.77	< 10	< 1	0.41	20	0.93	510	1
VR04698A 235-240	299	229	0.2	0.98	6	160	< 0.5	< 2	2.26	0.5	7	30	17	2.70	< 10	< 1	0.25	20	0.73	575	1
VR04699A 240-245	299	229	< 0.2	0.77	2	250	< 0.5	< 2	1.35	0.5	7	28	19	2.48	< 10	< 1	0.41	10	0.83	480	< 1

CERTIFICATION:

Hart Buchler



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354 - 200 GRANVILLE ST.
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Project : 05-432 93LS20
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SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04691A 200-205	299 229	0.01	11	650	10	< 2	5	90	0.06	< 10	< 10	20	< 10	56
VR04692A 205-210	299 229	0.01	11	650	8	< 2	6	66	0.02	< 10	< 10	20	< 10	52
VR04693A 210-215	299 229	0.01	10	650	12	< 2	6	43	0.03	< 10	< 10	16	< 10	50
VR04694A 215-220	299 229	0.01	12	700	4	< 2	7	58	0.03	< 10	< 10	18	< 10	60
VR04695A 220-225	299 229	0.01	11	610	10	< 2	5	78	0.04	< 10	< 10	15	< 10	48
VR04696A 225-230	299 229	0.01	14	610	14	< 2	6	78	0.01	< 10	< 10	19	< 10	52
VR04697A 230-235	299 229	0.01	14	690	16	< 2	7	68	0.02	< 10	< 10	18	< 10	56
VR04698A 235-240	299 229	0.01	13	660	16	< 2	5	101	0.02	< 10	< 10	17	< 10	50
VR04699A 240-245	299 229	0.01	14	650	8	< 2	6	78	0.04	< 10	< 10	16	< 10	56

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354 - 200 GRANVILLE ST.
VANCOUVER, BC
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9r :1
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CERTIFICATE OF ANALYSIS

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SAMPLE	PREP CODE		Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04701A 000-005	207	274	0.82	< 0.07	< 0.07	< 0.002	225	1.48				
VR04702A 005-010	207	276	10.90	< 0.07	< 0.07	< 0.002	241	3.74				
VR04703A 010-015	207	270	17.28	< 0.07	< 0.07	< 0.002	317	4.80				
VR04704A 015-020	207	276	10.88	0.88	0.79	0.032	303	4.37				
VR04705A 020-025	207	274	5.58	1.72	1.20	0.157	283	5.12				
VR04706A 025-030	207	276	9.88	0.10	0.10	< 0.002	307	3.57				
VR04707A 030-035	207	276	9.52	< 0.07	< 0.07	< 0.002	315	4.32				
VR04708A 035-040	207	276	8.92	0.07	0.07	< 0.002	298	4.42				
VR04709A 040-045	207	276	9.50	0.10	0.10	< 0.002	288	4.15				
VR04710A 045-050	207	274	6.12	4.44	2.67	0.520	280	5.30				
VR04711A 050-055	207	276	10.62	0.08	0.07	0.002	292	6.29				
VR04712A 055-060	207	276	10.56	< 0.07	< 0.07	< 0.002	265	5.17				
VR04713A 060-065	207	276	8.76	< 0.07	< 0.07	< 0.002	288	6.16				
VR04714A 065-070	207	276	10.40	< 0.07	< 0.07	< 0.002	251	5.76				
VR04715A 070-075	207	276	9.44	< 0.07	< 0.07	< 0.002	246	1.09				
VR04716A 075-080	207	276	9.60	< 0.07	< 0.07	< 0.002	277	4.85				
VR04717A 080-085	207	276	10.20	< 0.07	< 0.07	< 0.002	265	4.90				
VR04718A 085-090	207	276	11.00	< 0.07	< 0.07	< 0.002	224	3.03				
VR04719A 090-095	207	273	12.92	< 0.07	< 0.07	< 0.002	245	4.37				
VR04720A 095-100	207	273	13.32	< 0.07	< 0.07	< 0.002	265	5.56				
VR04721A 100-105	207	273	13.60	< 0.07	< 0.07	< 0.002	259	5.50				
VR04722A 105-110	207	273	12.06	< 0.07	< 0.07	< 0.002	212	5.82				
VR04723A 110-115	207	273	11.92	0.10	0.10	< 0.002	245	7.72				
VR04724A 115-120	207	276	9.86	< 0.07	< 0.07	< 0.002	199	1.15				
VR04725A 120-125	207	276	10.75	< 0.07	< 0.07	< 0.002	263	1.09				
VR04726A 125-130	207	276	8.34	< 0.07	< 0.07	< 0.002	284	3.82				
VR04727A 130-135	207	276	11.78	< 0.07	< 0.07	< 0.002	266	2.81				
VR04728A 135-140	207	276	9.36	< 0.07	< 0.07	< 0.002	340	6.07				
VR04729A 140-145	207	273	12.58	< 0.07	< 0.07	< 0.002	365	6.74				
VR04730A 145-150	207	276	8.70	< 0.07	< 0.07	< 0.002	372	7.42				
VR04731A 150-155	207	276	8.16	< 0.07	< 0.07	< 0.002	350	2.25				
VR04732A 155-160	207	273	12.00	< 0.07	< 0.07	< 0.002	338	4.20				
VR04733A 160-165	207	273	14.12	< 0.07	< 0.07	< 0.002	371	5.10				
VR04734A 165-170	207	273	13.16	< 0.07	< 0.07	< 0.002	361	1.47				
VR04735A 170-175	207	276	11.50	< 0.07	< 0.07	< 0.002	356	2.86				
VR04736A 175-180	207	276	11.80	< 0.07	< 0.07	< 0.002	341	6.17				
VR04737A 180-185	207	273	12.12	< 0.07	< 0.07	< 0.002	343	6.42				
VR04738A 185-190	207	273	12.90	0.07	0.07	< 0.002	331	6.94				
VR04739A 190-195	207	273	12.56	< 0.07	< 0.07	< 0.002	324	3.35				
VR04740A 195-200	207	276	10.36	< 0.07	< 0.07	< 0.002	350	7.80				

CERTIFICATION:

Thuk Vmh



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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o: KENNECOTT CANADA, INC.

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

Project : 05-432 93LS21
Comments: ATTN:ANN DOYLE

Pages :2
Certificate Date: 21-MAY-93
Invoice No. :19314396
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CERTIFICATE OF ANALYSIS

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SAMPLE	PREP CODE		Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04741A 200-205	207	274	9.84	< 0.07	< 0.07	< 0.002	375	7.40				
VR04742A 205-210	207	274	10.44	< 0.07	< 0.07	< 0.002	366	6.20				
VR04743A 210-215	207	274	11.00	< 0.07	< 0.07	< 0.002	365	4.46				
VR04744A 215-220	207	274	9.00	< 0.07	< 0.07	< 0.002	346	7.16				
VR04745A 220-225	207	274	11.06	0.48	0.48	0.002	362	7.04				
VR04746A 225-230	207	274	13.20	4.72	4.15	0.241	357	7.90				
VR04747A 230-235	207	274	10.44	0.11	0.10	0.006	359	7.73				
VR04748A 235-240	207	274	9.66	< 0.07	< 0.07	< 0.002	398	1.80				
VR04749A 240-245	207	274	9.96	< 0.07	< 0.07	< 0.002	385	2.77				
VR04710AR045-050	207	234	-----	0.93	0.86	0.027	276	9.04				
VR04720AR095-100	207	234	-----	< 0.07	< 0.07	< 0.002	241	3.74				
VR04730AR145-150	207	234	-----	< 0.07	< 0.07	< 0.002	357	2.27				
VR04740AR195-200	207	234	-----	< 0.07	< 0.07	< 0.002	403	3.22				

CERTIFICATION:

John Vank



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

or: KENNECOTT CANADA, INC.

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

Project : 05-432 93LS21
Comments: ATTN:ANN DOYLE

Page : 1-A
Total Pages : 2
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Invoice No. : 19314398
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A9314398

SAMPLE	PREP CODE	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	Mo ppm
VR04701A 000-005	299 229	0.2	1.16	22	310	< 0.5	< 2	0.23	< 0.5	8	30	23	2.77	< 10	< 1	0.27	20	0.75	455	2
VR04702A 005-010	299 229	0.2	0.94	10	350	< 0.5	< 2	0.37	< 0.5	4	22	12	1.91	10	< 1	0.42	40	0.57	345	1
VR04703A 010-015	299 229	0.2	1.17	2	440	< 0.5	< 2	0.67	< 0.5	8	28	20	2.71	10	< 1	0.53	30	0.92	470	1
VR04704A 015-020	299 229	0.4	1.18	10	310	< 0.5	< 2	0.57	< 0.5	8	26	17	2.77	< 10	< 1	0.44	20	0.87	445	1
VR04705A 020-025	299 229	0.6	0.91	12	200	< 0.5	< 2	0.34	< 0.5	7	20	17	2.49	< 10	< 1	0.23	20	0.61	475	1
VR04706A 025-030	299 229	0.2	1.21	12	240	< 0.5	< 2	0.24	< 0.5	7	26	15	2.82	< 10	< 1	0.30	20	0.78	545	1
VR04707A 030-035	299 229	0.2	1.32	12	210	< 0.5	< 2	0.45	< 0.5	8	23	14	2.86	< 10	< 1	0.38	20	1.02	565	1
VR04708A 035-040	299 229	0.2	1.53	12	220	< 0.5	< 2	0.44	< 0.5	8	26	18	2.87	< 10	< 1	0.43	20	1.25	500	1
VR04709A 040-045	299 229	0.4	1.43	12	220	< 0.5	< 2	0.62	< 0.5	8	27	17	2.84	10	< 1	0.35	30	1.12	495	1
VR04710A 045-050	299 229	2.2	1.25	68	220	< 0.5	< 2	0.21	< 0.5	7	23	20	2.61	< 10	< 1	0.45	20	0.98	360	1
VR04711A 050-055	299 229	0.2	1.57	26	240	< 0.5	< 2	1.13	< 0.5	7	27	14	3.12	10	< 1	0.55	30	1.27	560	1
VR04712A 055-060	299 229	0.2	1.10	24	310	< 0.5	< 2	0.86	< 0.5	8	27	17	2.69	10	< 1	0.47	20	0.99	455	1
VR04713A 060-065	299 229	< 0.2	1.14	24	300	< 0.5	< 2	0.95	< 0.5	7	28	15	2.58	< 10	< 1	0.37	20	0.95	445	1
VR04714A 065-070	299 229	0.2	1.18	40	260	< 0.5	< 2	1.05	< 0.5	8	26	14	2.70	< 10	< 1	0.39	20	1.04	485	1
VR04715A 070-075	299 229	< 0.2	1.14	18	560	< 0.5	< 2	0.89	< 0.5	7	28	10	2.64	< 10	< 1	0.44	20	0.97	620	1
VR04716A 075-080	299 229	< 0.2	1.07	16	350	< 0.5	< 2	1.04	< 0.5	7	26	18	2.52	< 10	< 1	0.36	30	0.76	455	1
VR04717A 080-085	299 229	< 0.2	0.89	24	200	< 0.5	< 2	2.26	< 0.5	6	21	20	2.21	< 10	< 1	0.30	20	0.57	535	1
VR04718A 085-090	299 229	< 0.2	1.06	20	200	< 0.5	< 2	0.98	< 0.5	7	26	18	2.48	< 10	< 1	0.28	20	0.88	395	1
VR04719A 090-095	299 229	< 0.2	1.11	22	190	< 0.5	< 2	1.21	< 0.5	8	25	16	2.44	< 10	< 1	0.32	30	0.95	430	1
VR04720A 095-100	299 229	< 0.2	1.07	32	150	< 0.5	< 2	1.30	< 0.5	7	26	18	2.44	10	< 1	0.21	30	0.79	415	1
VR04721A 100-105	299 229	0.2	1.05	30	160	< 0.5	< 2	0.83	< 0.5	8	26	18	2.59	10	< 1	0.23	30	0.77	420	1
VR04722A 105-110	299 229	0.4	1.33	162	150	< 0.5	< 2	0.80	< 0.5	8	36	29	3.02	10	< 1	0.19	30	1.01	600	2
VR04723A 110-115	299 229	0.8	1.53	134	220	< 0.5	< 2	0.41	< 0.5	7	36	61	2.89	10	< 1	0.30	30	1.04	520	1
VR04724A 115-120	299 229	< 0.2	1.45	32	360	< 0.5	< 2	1.39	< 0.5	7	25	17	2.41	10	< 1	0.51	30	0.80	370	1
VR04725A 120-125	299 229	< 0.2	1.17	24	230	< 0.5	< 2	1.57	< 0.5	7	24	18	2.47	10	< 1	0.39	20	0.83	445	1
VR04726A 125-130	299 229	< 0.2	1.24	12	270	< 0.5	< 2	1.35	< 0.5	7	26	19	2.64	< 10	< 1	0.56	20	0.96	465	1
VR04727A 130-135	299 229	0.2	1.17	14	240	< 0.5	< 2	1.47	< 0.5	7	27	17	2.53	10	< 1	0.64	20	0.96	370	1
VR04728A 135-140	299 229	< 0.2	1.14	10	160	< 0.5	< 2	1.13	< 0.5	6	22	13	2.26	10	< 1	0.42	20	1.01	360	1
VR04729A 140-145	299 229	0.2	0.97	12	160	< 0.5	< 2	1.07	< 0.5	6	16	12	2.01	10	< 1	0.34	20	0.77	315	1
VR04730A 145-150	299 229	0.2	1.07	16	170	< 0.5	< 2	2.14	< 0.5	6	20	17	2.11	10	< 1	0.26	20	0.69	415	1
VR04731A 150-155	299 229	0.2	1.17	22	280	< 0.5	< 2	1.64	< 0.5	8	23	20	2.11	10	< 1	0.29	10	0.68	400	1
VR04732A 155-160	299 229	0.2	1.22	12	260	< 0.5	< 2	0.89	< 0.5	7	24	16	2.40	10	< 1	0.39	30	1.05	390	1
VR04733A 160-165	299 229	0.2	1.08	14	160	< 0.5	< 2	1.06	< 0.5	8	25	23	2.20	10	< 1	0.18	10	0.75	270	2
VR04734A 165-170	299 229	0.2	1.37	6	230	< 0.5	< 2	0.41	< 0.5	7	29	19	2.43	< 10	< 1	0.17	10	0.92	305	2
VR04735A 170-175	299 229	< 0.2	1.02	8	150	< 0.5	< 2	0.45	< 0.5	8	19	18	1.97	< 10	< 1	0.12	< 10	0.68	305	1
VR04736A 175-180	299 229	< 0.2	0.87	6	160	< 0.5	< 2	0.77	< 0.5	6	19	16	1.86	< 10	< 1	0.16	10	0.54	300	1
VR04737A 180-185	299 229	< 0.2	0.64	4	210	< 0.5	< 2	0.77	< 0.5	5	17	15	1.63	< 10	< 1	0.22	10	0.49	280	1
VR04738A 185-190	299 229	< 0.2	0.79	12	310	< 0.5	< 2	1.01	< 0.5	6	21	12	2.09	< 10	< 1	0.30	20	0.79	400	1
VR04739A 190-195	299 229	< 0.2	0.91	12	300	< 0.5	< 2	1.32	< 0.5	7	21	14	2.16	10	< 1	0.28	20	0.85	420	1
VR04740A 195-200	299 229	0.2	1.07	14	190	< 0.5	< 2	1.34	< 0.5	7	22	15	2.29	10	< 1	0.37	30	0.87	395	1

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SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04701A 000-005	299 229	0.02	20	540	18	< 2	5	17	0.02	< 10	< 10	19	< 10	64
VR04702A 005-010	299 229	0.03	14	380	26	< 2	4	30	0.03	< 10	< 10	10	< 10	56
VR04703A 010-015	299 229	0.02	18	670	20	< 2	6	65	0.06	< 10	< 10	16	< 10	68
VR04704A 015-020	299 229	0.02	20	640	12	< 2	4	33	0.03	< 10	< 10	14	< 10	66
VR04705A 020-025	299 229	0.01	16	600	12	< 2	3	24	0.01	< 10	< 10	9	< 10	58
VR04706A 025-030	299 229	0.02	19	620	16	< 2	3	23	0.01	< 10	< 10	11	< 10	68
VR04707A 030-035	299 229	0.02	17	640	12	< 2	4	34	0.03	< 10	< 10	14	< 10	76
VR04708A 035-040	299 229	0.02	17	640	14	< 2	3	28	0.02	< 10	< 10	15	< 10	82
VR04709A 040-045	299 229	0.02	18	650	14	< 2	3	27	0.02	< 10	< 10	14	< 10	78
VR04710A 045-050	299 229	0.01	17	550	8	< 2	2	24	0.02	< 10	< 10	10	< 10	74
VR04711A 050-055	299 229	0.02	15	740	6	< 2	5	59	0.05	< 10	< 10	19	< 10	90
VR04712A 055-060	299 229	0.02	15	640	14	< 2	7	28	0.06	< 10	< 10	19	< 10	68
VR04713A 060-065	299 229	0.02	16	600	12	< 2	6	37	0.04	< 10	< 10	19	< 10	66
VR04714A 065-070	299 229	0.02	14	650	14	< 2	8	33	0.06	< 10	< 10	20	< 10	66
VR04715A 070-075	299 229	0.04	16	700	12	< 2	8	42	0.03	< 10	< 10	18	< 10	74
VR04716A 075-080	299 229	0.02	17	680	8	< 2	7	42	0.03	< 10	< 10	18	< 10	62
VR04717A 080-085	299 229	0.02	15	610	14	< 2	6	90	0.02	< 10	< 10	13	< 10	48
VR04718A 085-090	299 229	0.02	16	640	12	< 2	6	40	0.03	< 10	< 10	17	< 10	64
VR04719A 090-095	299 229	0.01	17	650	12	< 2	7	49	0.03	< 10	< 10	17	< 10	62
VR04720A 095-100	299 229	0.01	16	670	14	< 2	6	38	0.01	< 10	< 10	17	< 10	60
VR04721A 100-105	299 229	0.01	16	710	14	< 2	6	28	0.02	< 10	< 10	19	< 10	64
VR04722A 105-110	299 229	0.01	18	700	12	< 2	6	37	< 0.01	< 10	< 10	25	< 10	76
VR04723A 110-115	299 229	0.02	16	690	30	< 2	5	19	0.01	< 10	< 10	26	< 10	92
VR04724A 115-120	299 229	0.04	14	620	10	< 2	7	50	0.04	< 10	< 10	19	< 10	62
VR04725A 120-125	299 229	0.02	17	630	16	< 2	6	62	0.03	< 10	< 10	16	< 10	60
VR04726A 125-130	299 229	0.02	15	680	18	< 2	6	47	0.06	< 10	< 10	16	< 10	66
VR04727A 130-135	299 229	0.03	15	660	12	< 2	6	45	0.09	< 10	< 10	18	< 10	64
VR04728A 135-140	299 229	0.01	12	590	14	< 2	4	41	0.05	< 10	< 10	13	< 10	62
VR04729A 140-145	299 229	0.01	11	580	12	< 2	3	42	0.04	< 10	< 10	10	< 10	52
VR04730A 145-150	299 229	0.01	13	620	16	< 2	3	74	0.06	< 10	< 10	12	< 10	56
VR04731A 150-155	299 229	0.02	15	640	12	< 2	4	83	0.09	< 10	< 10	16	< 10	56
VR04732A 155-160	299 229	0.02	13	670	12	< 2	7	36	0.08	< 10	< 10	19	< 10	64
VR04733A 160-165	299 229	0.02	14	670	6	< 2	3	41	0.07	< 10	< 10	15	< 10	62
VR04734A 165-170	299 229	0.04	13	710	10	< 2	2	14	0.07	< 10	< 10	16	< 10	68
VR04735A 170-175	299 229	0.02	13	690	6	< 2	1	17	0.05	< 10	< 10	8	< 10	60
VR04736A 175-180	299 229	0.02	13	680	4	< 2	2	25	0.06	< 10	< 10	9	< 10	50
VR04737A 180-185	299 229	0.02	13	640	8	< 2	2	34	0.05	< 10	< 10	9	< 10	42
VR04738A 185-190	299 229	0.02	12	670	8	< 2	6	50	0.06	< 10	< 10	13	< 10	56
VR04739A 190-195	299 229	0.02	13	650	12	< 2	6	72	0.05	< 10	< 10	16	< 10	58
VR04740A 195-200	299 229	0.01	13	670	8	< 2	6	76	0.04	< 10	< 10	16	< 10	62

CERTIFICATION:

Janet Bickler



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o: KENNECOTT CANADA, INC.

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

Project : 05-432 93LS21
Comments: ATTN:ANN DOYLE

Jer :2-A
Pages :2
Certificate Date: 21-MAY-93
Invoice No. : I9314398
P.O. Number : 05-432
Account : KAVA

CERTIFICATE OF ANALYSIS

A9314398

SAMPLE	PREP CODE	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	Mo ppm
VR04741A 200-205	299 229	< 0.2	0.87	2	220	< 0.5	< 2	1.43	< 0.5	7	30	17	2.57	< 10	< 1	0.45	20	0.70	360	2
VR04742A 205-210	299 229	< 0.2	0.99	2	170	< 0.5	< 2	1.46	< 0.5	7	24	50	2.35	< 10	< 1	0.31	10	0.84	390	2
VR04743A 210-215	299 229	< 0.2	1.05	6	130	< 0.5	< 2	1.21	< 0.5	7	25	16	2.36	< 10	< 1	0.23	20	0.94	350	1
VR04744A 215-220	299 229	< 0.2	0.95	8	120	< 0.5	< 2	1.33	< 0.5	7	23	18	2.29	< 10	< 1	0.42	10	0.92	305	1
VR04745A 220-225	299 229	0.6	0.64	8	100	< 0.5	< 2	1.32	< 0.5	6	16	12	1.89	< 10	< 1	0.24	10	0.64	335	1
VR04746A 225-230	299 229	1.6	0.51	18	80	< 0.5	< 2	0.44	< 0.5	6	18	8	2.18	< 10	< 1	0.18	10	0.50	310	2
VR04747A 230-235	299 229	0.2	1.19	10	200	< 0.5	< 2	1.06	< 0.5	7	23	16	2.47	< 10	< 1	0.44	20	0.98	335	1
VR04748A 235-240	299 229	< 0.2	1.14	12	190	< 0.5	< 2	1.11	< 0.5	7	22	17	2.45	< 10	< 1	0.57	20	0.98	330	1
VR04749A 240-245	299 229	0.2	1.10	14	190	< 0.5	< 2	1.25	< 0.5	7	22	14	2.39	< 10	< 1	0.42	10	0.96	330	1

CERTIFICATION: *David Bickler*



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

Project : 05-432 93LS21
Comments: ATTN:ANN DOYLE

er :2-B
Total Pages :2
Certificate Date: 21-MAY-93
Invoice No. :19314398
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314398

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04741A 200-205	299 229	0.01	20	610	10	< 2	5	103	0.08	< 10	< 10	14	< 10	54
VR04742A 205-210	299 229	0.01	13	610	8	< 2	6	96	0.03	< 10	< 10	16	< 10	60
VR04743A 210-215	299 229	0.01	13	560	12	< 2	4	73	0.02	< 10	< 10	16	< 10	62
VR04744A 215-220	299 229	0.02	14	640	14	< 2	6	93	0.06	< 10	< 10	16	< 10	62
VR04745A 220-225	299 229	< 0.01	13	450	8	< 2	2	88	0.01	< 10	< 10	3	< 10	40
VR04746A 225-230	299 229	< 0.01	16	280	4	< 2	2	37	< 0.01	< 10	< 10	2	< 10	46
VR04747A 230-235	299 229	0.03	13	610	8	< 2	5	79	0.05	< 10	< 10	15	< 10	64
VR04748A 235-240	299 229	0.02	13	580	18	< 2	6	82	0.06	< 10	< 10	16	< 10	62
VR04749A 240-245	299 229	0.01	13	590	18	2	6	93	0.03	< 10	< 10	14	< 10	60

CERTIFICATION: *Hart Bickler*



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

Project : 05-432 93LS22
Comments: ATTN:ANN DOYLE

er : 1
Pages : 2
Certificate Date: 21-MAY-93
Invoice No. : I9314402
P.O. Number : 05-432
Account : KAVA

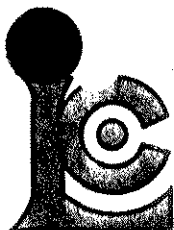
CERTIFICATE OF ANALYSIS

A9314402

SAMPLE	PREP CODE		Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04751A 000-005	207	274	3.42	< 0.07	< 0.07	< 0.002	295	14.23				
VR04752A 005-010	207	276	10.45	< 0.07	< 0.07	< 0.002	393	4.85				
VR04753A 010-015	207	270	20.36	< 0.07	< 0.07	< 0.002	386	12.99				
VR04754A 015-020	207	276	10.56	0.08	0.07	0.004	342	11.97				
VR04755A 020-025	207	274	5.56	0.27	0.27	0.003	313	16.73				
VR04756A 025-030	207	276	7.69	0.59	0.55	0.019	360	9.69				
VR04757A 030-035	207	274	6.45	1.18	0.99	0.079	351	9.77				
VR04758A 035-040	207	276	8.66	5.67	3.22	1.008	380	13.71				
VR04759A 040-045	207	276	10.06	0.38	0.34	0.015	337	6.57				
VR04760A 045-050	207	276	8.35	0.45	0.34	0.040	346	6.03				
VR04761A 050-055	207	276	9.29	0.10	0.10	< 0.002	361	7.77				
VR04762A 055-060	207	276	8.68	0.89	0.86	0.015	338	5.53				
VR04763A 060-065	207	274	7.14	0.26	0.27	< 0.002	319	9.13				
VR04764A 065-070	207	274	6.75	0.24	0.21	0.011	302	7.44				
VR04765A 070-075	207	276	7.42	< 0.07	< 0.07	< 0.002	316	6.86				
VR04766A 075-080	207	276	9.10	< 0.07	< 0.07	< 0.002	325	8.97				
VR04767A 080-085	207	276	9.44	< 0.07	< 0.07	< 0.002	340	5.95				
VR04768A 085-090	207	274	6.75	0.14	0.14	< 0.002	307	9.20				
VR04769A 090-095	207	276	9.15	0.10	0.10	0.002	277	9.60				
VR04770A 095-100	207	274	6.55	1.49	1.13	0.115	297	6.23				
VR04771A 100-105	207	276	8.26	0.33	0.34	< 0.002	346	6.17				
VR04772A 105-110	207	276	8.47	0.07	0.07	< 0.002	305	10.46				
VR04773A 110-115	207	276	8.38	< 0.07	< 0.07	< 0.002	310	10.83				
VR04774A 115-120	207	274	6.98	< 0.07	< 0.07	< 0.002	389	6.40				
VR04775A 120-125	207	276	7.88	< 0.07	< 0.07	< 0.002	332	6.20				
VR04776A 125-130	207	276	7.42	< 0.07	< 0.07	< 0.002	352	7.75				
VR04777A 130-135	207	276	8.06	< 0.07	< 0.07	< 0.002	332	6.67				
VR04778A 135-140	207	274	6.48	< 0.07	< 0.07	< 0.002	302	7.49				
VR04779A 140-145	207	274	6.82	0.10	< 0.07	0.035	332	9.24				
VR04780A 145-150	207	276	7.34	< 0.07	< 0.07	< 0.002	340	11.00				
VR04781A 150-155	207	276	8.00	< 0.07	< 0.07	< 0.002	346	10.15				
VR04782A 155-160	207	274	5.86	< 0.07	< 0.07	< 0.002	340	5.75				
VR04783A 160-165	207	276	7.70	< 0.07	< 0.07	< 0.002	300	8.53				
VR04784A 165-170	207	276	10.08	< 0.07	< 0.07	< 0.002	334	4.58				
VR04785A 170-175	207	276	11.26	< 0.07	< 0.07	< 0.002	349	11.10				
VR04786A 175-180	207	276	10.84	< 0.07	< 0.07	< 0.002	386	11.72				
VR04787A 180-185	207	276	10.86	< 0.07	< 0.07	< 0.002	402	7.39				
VR04788A 185-190	207	273	15.30	0.15	0.10	0.016	326	8.81				
VR04789A 190-195	207	274	7.04	< 0.07	< 0.07	< 0.002	348	7.76				
VR04790A 195-200	207	276	11.24	< 0.07	< 0.07	< 0.002	337	12.29				

CERTIFICATION:

Shuk Vank



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

Project: 05-432 93LS22
Comments: ATTN:ANN DOYLE

Pages :2
Certificate Date: 21-MAY-93
Invoice No. :19314402
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314402

SAMPLE	PREP CODE		Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04791A 200-205	207	276	10.58	< 0.07	< 0.07	< 0.002	321	6.81				
VR04792A 205-210	207	273	12.97	< 0.07	< 0.07	< 0.002	326	7.92				
VR04793A 210-215	207	276	11.00	< 0.07	< 0.07	< 0.002	345	9.92				
VR04794A 215-220	207	276	10.80	< 0.07	< 0.07	< 0.002	338	8.53				
VR04795A 220-225	207	276	10.10	< 0.07	< 0.07	< 0.002	322	6.00				
VR04796A 225-230	207	276	11.40	< 0.07	< 0.07	< 0.002	329	13.33				
VR04797A 230-235	207	276	11.28	< 0.07	< 0.07	< 0.002	327	6.95				
VR04798A 235-240	207	276	10.04	< 0.07	< 0.07	< 0.002	348	6.84				
VR04799A 240-245	207	276	10.64	< 0.07	< 0.07	< 0.002	323	6.96				
VR04760AR045-050	207	234	-----	0.46	0.38	0.031	310	10.83				
VR04770AR095-100	207	234	-----	0.96	0.93	0.017	327	5.97				
VR04780AR145-150	207	234	-----	< 0.07	< 0.07	< 0.002	319	6.45				
VR04790AR195-200	207	234	-----	< 0.07	< 0.07	< 0.002	356	6.76				

CERTIFICATION:

Ann Doyle



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

Project : 05-432 93LS22
Comments: ATTN:ANN DOYLE

er : 1-A
Pages : 2
Certificate Date: 24-MAY-93
Invoice No. : 19314403
P.O. Number : 05-432
Account : KAVA

CERTIFICATE OF ANALYSIS

A9314403

SAMPLE	PREP CODE	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	Mo ppm
VR04751A 000-005	299 229	0.2	0.75	< 2	140	< 0.5	< 2	0.30	< 0.5	4	15	9	1.61	< 10	< 1	0.19	10	0.58	300	1
VR04752A 005-010	299 229	0.4	0.84	6	170	< 0.5	< 2	0.16	< 0.5	4	17	14	1.81	< 10	< 1	0.22	10	0.52	295	1
VR04753A 010-015	299 229	0.4	0.73	4	150	< 0.5	< 2	0.16	< 0.5	4	18	12	1.65	< 10	< 1	0.17	20	0.42	275	1
VR04754A 015-020	299 229	0.6	0.86	16	160	< 0.5	< 2	0.17	0.5	5	15	19	1.82	< 10	< 1	0.18	20	0.51	375	1
VR04755A 020-025	299 229	0.6	0.97	18	190	< 0.5	< 2	0.22	0.5	8	14	25	2.21	< 10	< 1	0.23	20	0.57	460	1
VR04756A 025-030	299 229	1.2	0.78	8	170	< 0.5	< 2	0.58	0.5	8	16	29	2.13	< 10	< 1	0.21	20	0.61	465	1
VR04757A 030-035	299 229	1.2	0.78	4	150	< 0.5	< 2	0.52	< 0.5	8	15	17	2.21	< 10	< 1	0.18	20	0.62	440	1
VR04758A 035-040	299 229	1.2	0.75	6	150	< 0.5	< 2	0.78	< 0.5	7	20	22	2.07	< 10	< 1	0.19	20	0.60	390	1
VR04759A 040-045	299 229	1.2	0.83	40	150	< 0.5	< 2	0.60	< 0.5	8	15	20	2.28	< 10	< 1	0.27	20	0.62	360	1
VR04760A 045-050	299 229	0.8	1.14	10	200	< 0.5	< 2	1.00	< 0.5	9	22	17	2.50	< 10	< 1	0.32	20	0.91	470	1
VR04761A 050-055	299 229	1.2	1.10	10	120	< 0.5	< 2	0.74	< 0.5	9	20	13	2.47	< 10	< 1	0.23	20	0.94	440	1
VR04762A 055-060	299 229	0.6	1.14	6	130	< 0.5	< 2	0.28	< 0.5	8	23	16	2.55	< 10	< 1	0.20	20	0.90	335	1
VR04763A 060-065	299 229	0.4	0.98	10	140	< 0.5	< 2	0.65	< 0.5	7	18	16	2.27	< 10	< 1	0.20	20	0.77	455	< 1
VR04764A 065-070	299 229	0.4	0.86	< 2	120	< 0.5	< 2	0.64	< 0.5	7	21	13	2.22	< 10	< 1	0.22	20	0.74	430	1
VR04765A 070-075	299 229	0.2	0.93	< 2	100	< 0.5	< 2	1.01	< 0.5	6	21	12	2.29	< 10	< 1	0.22	20	0.88	480	< 1
VR04766A 075-080	299 229	0.2	1.05	4	170	< 0.5	< 2	0.99	< 0.5	7	21	17	2.41	< 10	< 1	0.38	20	0.88	460	1
VR04767A 080-085	299 229	0.2	1.08	2	160	< 0.5	< 2	0.98	< 0.5	7	24	9	2.41	< 10	< 1	0.32	20	0.90	470	1
VR04768A 085-090	299 229	0.4	0.99	4	160	< 0.5	< 2	1.27	< 0.5	7	20	15	2.43	< 10	< 1	0.30	20	0.81	655	1
VR04769A 090-095	299 229	0.6	1.02	72	120	< 0.5	< 2	0.53	< 0.5	7	20	19	2.45	< 10	< 1	0.17	20	0.91	530	1
VR04770A 095-100	299 229	1.4	1.06	18	180	< 0.5	< 2	2.23	0.5	7	21	31	2.51	< 10	< 1	0.36	20	1.00	860	1
VR04771A 100-105	299 229	0.4	1.29	10	200	< 0.5	< 2	1.24	< 0.5	7	23	21	2.70	< 10	< 1	0.34	20	1.08	650	1
VR04772A 105-110	299 229	0.4	1.00	12	310	< 0.5	< 2	1.01	< 0.5	7	22	14	2.31	< 10	< 1	0.28	30	0.94	485	< 1
VR04773A 110-115	299 229	0.2	1.04	14	370	< 0.5	< 2	1.04	< 0.5	7	19	15	2.30	< 10	< 1	0.31	30	1.02	485	< 1
VR04774A 115-120	299 229	0.2	1.01	32	410	< 0.5	< 2	0.70	< 0.5	7	21	15	2.35	< 10	< 1	0.33	30	0.94	425	< 1
VR04775A 120-125	299 229	0.2	0.92	16	450	< 0.5	< 2	0.99	< 0.5	6	20	12	2.17	< 10	< 1	0.28	30	0.89	475	< 1
VR04776A 125-130	299 229	0.2	1.01	10	310	< 0.5	< 2	1.15	< 0.5	7	22	14	2.41	< 10	< 1	0.23	30	0.96	530	< 1
VR04777A 130-135	299 229	0.2	1.00	16	180	< 0.5	< 2	0.79	< 0.5	7	20	15	2.44	< 10	< 1	0.29	30	0.85	425	< 1
VR04778A 135-140	299 229	0.2	0.96	12	300	< 0.5	< 2	0.76	< 0.5	7	18	14	2.21	< 10	< 1	0.27	30	0.92	465	< 1
VR04779A 140-145	299 229	0.2	0.94	4	420	< 0.5	< 2	1.05	< 0.5	7	18	14	2.30	< 10	< 1	0.29	30	0.96	515	< 1
VR04780A 145-150	299 229	0.2	1.07	10	320	< 0.5	< 2	0.83	< 0.5	8	20	14	2.54	< 10	< 1	0.22	30	1.05	485	< 1
VR04781A 150-155	299 229	0.2	1.30	4	240	< 0.5	< 2	1.59	< 0.5	7	24	10	2.64	< 10	< 1	0.29	30	1.15	505	< 1
VR04782A 155-160	299 229	0.2	1.07	16	310	< 0.5	< 2	0.82	< 0.5	7	22	17	2.45	< 10	< 1	0.34	30	1.01	440	< 1
VR04783A 160-165	299 229	0.2	1.01	14	290	< 0.5	< 2	0.95	< 0.5	7	21	17	2.34	< 10	< 1	0.30	30	0.89	455	< 1
VR04784A 165-170	299 229	0.4	1.23	6	290	< 0.5	< 2	1.18	< 0.5	8	23	14	2.43	< 10	< 1	0.50	30	1.12	460	1
VR04785A 170-175	299 229	0.2	0.95	2	310	< 0.5	< 2	0.88	< 0.5	7	21	11	2.18	< 10	< 1	0.38	20	0.91	410	< 1
VR04786A 175-180	299 229	0.2	1.07	< 2	360	< 0.5	< 2	0.84	< 0.5	7	22	15	2.43	< 10	< 1	0.37	20	1.03	465	< 1
VR04787A 180-185	299 229	0.2	1.00	4	310	< 0.5	< 2	1.03	< 0.5	7	16	16	2.31	< 10	< 1	0.38	30	0.94	450	< 1
VR04788A 185-190	299 229	0.2	0.95	4	390	< 0.5	< 2	1.07	< 0.5	7	19	14	2.31	< 10	< 1	0.29	20	0.98	500	< 1
VR04789A 190-195	299 229	< 0.2	1.00	6	470	< 0.5	< 2	0.97	< 0.5	7	19	16	2.40	< 10	< 1	0.36	20	1.08	565	1
VR04790A 195-200	299 229	0.2	1.23	4	270	< 0.5	< 2	0.93	< 0.5	8	24	17	2.60	< 10	< 1	0.38	30	1.19	470	< 1

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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

or: KENNECOTT CANADA, INC.

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

Project : 05-432 93LS22
Comments: ATTN:ANN DOYLE

er :1-B
Total Pages :2
Certificate Date: 24-MAY-93
Invoice No. :19314403
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314403

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04751A 000-005	299 229	< 0.01	9	380	20	< 2	1	19	0.01	< 10	< 10	4	< 10	48
VR04752A 005-010	299 229	0.01	12	310	12	< 2	1	16	< 0.01	< 10	< 10	3	< 10	50
VR04753A 010-015	299 229	< 0.01	12	340	18	< 2	1	17	< 0.01	< 10	< 10	4	< 10	52
VR04754A 015-020	299 229	< 0.01	11	350	40	< 2	2	21	< 0.01	< 10	< 10	4	< 10	86
VR04755A 020-025	299 229	< 0.01	12	600	18	< 2	2	27	< 0.01	< 10	< 10	4	< 10	84
VR04756A 025-030	299 229	< 0.01	14	590	8	< 2	2	26	< 0.01	< 10	< 10	4	< 10	50
VR04757A 030-035	299 229	< 0.01	14	570	8	< 2	3	22	< 0.01	< 10	< 10	5	< 10	48
VR04758A 035-040	299 229	< 0.01	14	620	6	< 2	2	29	0.01	< 10	< 10	8	< 10	44
VR04759A 040-045	299 229	< 0.01	14	600	8	< 2	2	28	0.01	< 10	< 10	6	< 10	52
VR04760A 045-050	299 229	0.01	17	580	14	< 2	4	47	0.02	< 10	< 10	11	< 10	64
VR04761A 050-055	299 229	0.01	15	590	10	< 2	4	38	0.02	< 10	< 10	13	< 10	72
VR04762A 055-060	299 229	0.01	17	640	8	< 2	3	30	< 0.01	< 10	< 10	11	< 10	72
VR04763A 060-065	299 229	< 0.01	14	650	6	< 2	3	42	0.01	< 10	< 10	8	< 10	60
VR04764A 065-070	299 229	< 0.01	14	520	26	< 2	2	37	0.02	< 10	< 10	8	< 10	58
VR04765A 070-075	299 229	0.01	14	540	14	< 2	4	41	0.02	< 10	< 10	10	< 10	58
VR04766A 075-080	299 229	0.01	14	570	8	< 2	3	37	0.03	< 10	< 10	10	< 10	64
VR04767A 080-085	299 229	0.01	12	540	12	< 2	4	43	0.04	< 10	< 10	13	< 10	64
VR04768A 085-090	299 229	< 0.01	16	590	10	< 2	3	56	0.03	< 10	< 10	9	< 10	62
VR04769A 090-095	299 229	< 0.01	16	550	12	< 2	2	32	< 0.01	< 10	< 10	8	< 10	64
VR04770A 095-100	299 229	< 0.01	14	760	16	< 2	3	85	0.02	< 10	< 10	10	< 10	78
VR04771A 100-105	299 229	0.01	15	740	4	< 2	4	59	0.03	10	< 10	14	< 10	80
VR04772A 105-110	299 229	< 0.01	14	580	12	< 2	4	61	0.03	10	< 10	13	< 10	62
VR04773A 110-115	299 229	< 0.01	13	600	14	< 2	5	69	0.04	< 10	< 10	13	< 10	64
VR04774A 115-120	299 229	0.01	14	570	16	< 2	6	44	0.03	10	< 10	13	< 10	62
VR04775A 120-125	299 229	0.01	12	550	18	< 2	5	54	0.01	< 10	< 10	13	< 10	60
VR04776A 125-130	299 229	0.01	12	610	18	< 2	6	54	0.01	< 10	< 10	16	< 10	66
VR04777A 130-135	299 229	< 0.01	15	590	12	< 2	5	46	0.01	10	< 10	13	< 10	64
VR04778A 135-140	299 229	< 0.01	13	600	14	< 2	5	54	0.02	10	< 10	13	< 10	64
VR04779A 140-145	299 229	0.01	12	590	14	< 2	5	101	0.04	10	< 10	14	< 10	64
VR04780A 145-150	299 229	0.01	14	640	6	< 2	5	61	0.02	< 10	< 10	16	< 10	70
VR04781A 150-155	299 229	0.01	15	590	14	< 2	5	108	0.03	10	< 10	17	< 10	74
VR04782A 155-160	299 229	0.01	13	660	12	< 2	6	60	0.06	10	< 10	16	< 10	68
VR04783A 160-165	299 229	< 0.01	13	610	14	< 2	3	60	0.03	10	< 10	13	< 10	62
VR04784A 165-170	299 229	0.01	14	640	18	< 2	4	70	0.07	10	< 10	16	< 10	64
VR04785A 170-175	299 229	0.01	11	570	14	< 2	4	55	0.05	10	< 10	15	< 10	62
VR04786A 175-180	299 229	0.01	15	630	24	< 2	4	63	0.05	< 10	< 10	15	< 10	68
VR04787A 180-185	299 229	0.01	13	650	14	< 2	4	62	0.05	10	< 10	13	< 10	68
VR04788A 185-190	299 229	0.01	13	610	16	< 2	5	72	0.01	10	< 10	14	< 10	64
VR04789A 190-195	299 229	0.01	14	670	12	< 2	6	62	0.02	< 10	< 10	14	< 10	68
VR04790A 195-200	299 229	0.01	16	640	12	< 2	6	56	0.02	< 10	< 10	18	< 10	72

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

o: KENNECOTT CANADA, INC.

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

Project : 05-432 93LS22
Comments: ATTN:ANN DOYLE

Jer :2-A
Pages :2
Certificate Date: 24-MAY-93
Invoice No. :19314403
P.O. Number :05-432
Account :KAVA

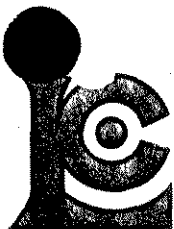
CERTIFICATE OF ANALYSIS

A9314403

SAMPLE	PREP CODE	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	Mo ppm
VR04791A 200-205	299 229	0.2	0.96	2	430	< 0.5	< 2	0.92	< 0.5	7	21	14	2.30	< 10	< 1	0.30	20	0.97	425	< 1
VR04792A 205-210	299 229	< 0.2	1.04	10	390	< 0.5	< 2	1.43	< 0.5	8	20	13	2.44	< 10	< 1	0.29	30	0.99	565	< 1
VR04793A 210-215	299 229	0.2	1.07	34	130	< 0.5	< 2	1.32	< 0.5	8	26	13	2.72	< 10	< 1	0.15	20	0.78	485	1
VR04794A 215-220	299 229	0.2	1.22	50	180	< 0.5	< 2	1.38	< 0.5	8	23	18	2.76	< 10	< 1	0.21	30	0.93	625	1
VR04795A 220-225	299 229	0.2	1.21	12	190	< 0.5	< 2	1.08	< 0.5	8	24	10	2.45	< 10	< 1	0.17	20	1.02	380	< 1
VR04796A 225-230	299 229	0.2	1.18	12	130	< 0.5	< 2	1.45	< 0.5	8	24	15	2.42	< 10	< 1	0.18	30	0.92	445	1
VR04797A 230-235	299 229	0.2	1.18	38	120	< 0.5	< 2	1.15	< 0.5	8	26	22	2.60	10	< 1	0.19	30	0.91	510	1
VR04798A 235-240	299 229	0.2	1.25	14	120	< 0.5	< 2	0.79	< 0.5	7	28	14	2.66	< 10	< 1	0.20	20	1.06	490	< 1
VR04799A 240-245	299 229	0.2	1.12	2	280	< 0.5	< 2	0.88	< 0.5	7	22	14	2.00	< 10	< 1	0.51	20	0.85	355	< 1

CERTIFICATION:

Hart Bickler



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

Project : 05-432 93LS22
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SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04791A 200-205	299	229	0.01	14	620	12	< 2	6	86	0.01	< 10	< 10	17	< 10	66
VR04792A 205-210	299	229	0.01	13	690	8	< 2	6	79	0.01	< 10	< 10	15	< 10	70
VR04793A 210-215	299	229	0.01	12	660	14	< 2	7	67	< 0.01	< 10	< 10	15	< 10	64
VR04794A 215-220	299	229	0.01	13	690	8	< 2	6	68	< 0.01	10	< 10	15	< 10	66
VR04795A 220-225	299	229	0.01	15	630	12	< 2	5	57	0.02	< 10	< 10	15	< 10	66
VR04796A 225-230	299	229	0.01	15	650	12	< 2	4	65	0.01	< 10	< 10	16	< 10	62
VR04797A 230-235	299	229	0.01	13	670	10	< 2	4	53	< 0.01	10	< 10	18	< 10	66
VR04798A 235-240	299	229	0.01	13	620	14	< 2	4	45	0.01	< 10	< 10	18	< 10	76
VR04799A 240-245	299	229	0.01	12	560	14	< 2	5	50	0.07	10	< 10	15	< 10	58

CERTIFICATION:

David Buchler



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212 Brooksbank Ave., North Vancouver
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J: KENNECOTT CANADA, INC.

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

Project : 05-432 93LS23
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Page 1 of 1
Total Pages : 2
Certificate Date: 21-MAY-93
Invoice No. : I9314404
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CERTIFICATE OF ANALYSIS

A9314404

SAMPLE	PREP CODE	Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04801A 000-005	207 274	1.74	< 0.07	< 0.07	< 0.002	224	13.25				
VR04802A 005-010	207 274	7.20	< 0.07	< 0.07	< 0.002	289	6.94				
VR04803A 010-015	207 273	12.24	< 0.07	< 0.07	0.003	252	9.86				
VR04804A 015-020	207 270	18.10	< 0.07	< 0.07	< 0.002	296	12.38				
VR04805A 020-025	207 276	7.55	< 0.07	< 0.07	< 0.002	314	9.82				
VR04806A 025-030	207 276	7.42	< 0.07	< 0.07	< 0.002	309	5.97				
VR04807A 030-035	207 274	4.96	< 0.07	< 0.07	< 0.002	340	7.84				
VR04808A 035-040	207 276	8.58	< 0.07	< 0.07	0.002	294	4.97				
VR04809A 040-045	207 276	7.36	< 0.07	< 0.07	< 0.002	236	4.85				
VR04810A 045-050	207 276	8.74	< 0.07	< 0.07	< 0.002	284	6.69				
VR04811A 050-055	207 276	7.94	< 0.07	< 0.07	< 0.002	271	5.27				
VR04812A 055-060	207 276	8.24	< 0.07	< 0.07	< 0.002	297	7.00				
VR04813A 060-065	207 276	10.90	< 0.07	< 0.07	< 0.002	336	6.99				
VR04814A 065-070	207 276	9.04	< 0.07	< 0.07	< 0.002	313	4.46				
VR04815A 070-075	207 274	6.06	< 0.07	< 0.07	< 0.002	280	9.42				
VR04816A 075-080	207 276	8.49	< 0.07	< 0.07	< 0.002	328	3.83				
VR04817A 080-085	207 276	9.14	< 0.07	< 0.07	< 0.002	295	2.56				
VR04818A 085-090	207 274	6.88	< 0.07	< 0.07	< 0.002	287	4.83				
VR04819A 090-095	207 276	7.76	< 0.07	< 0.07	< 0.002	268	7.25				
VR04820A 095-100	207 276	8.02	< 0.07	< 0.07	< 0.002	275	6.38				
VR04821A 100-105	207 276	10.30	< 0.07	< 0.07	< 0.002	335	4.05				
VR04822A 105-110	207 276	8.66	< 0.07	< 0.07	< 0.002	370	6.61				
VR04823A 110-115	207 276	8.20	< 0.07	< 0.07	< 0.002	332	5.08				
VR04824A 115-120	207 276	7.86	< 0.07	< 0.07	< 0.002	309	6.67				
VR04825A 120-125	207 276	8.90	< 0.07	< 0.07	< 0.002	295	7.92				
VR04826A 125-130	207 276	9.28	< 0.07	< 0.07	< 0.002	297	6.54				
VR04827A 130-135	207 276	9.25	< 0.07	< 0.07	< 0.002	309	10.77				
VR04828A 135-140	207 276	10.90	< 0.07	< 0.07	< 0.002	309	3.67				
VR04829A 140-145	207 276	9.70	< 0.07	< 0.07	< 0.002	256	11.11				
VR04830A 145-150	207 276	8.46	< 0.07	< 0.07	< 0.002	260	5.93				
VR04831A 150-155	207 276	10.92	< 0.07	< 0.07	< 0.002	346	7.46				
VR04832A 155-160	207 273	12.06	< 0.07	< 0.07	< 0.002	313	6.14				
VR04833A 160-165	207 276	9.78	0.07	0.07	< 0.002	329	5.65				
VR04834A 165-170	207 276	11.14	0.08	0.07	0.003	314	10.46				
VR04835A 170-175	207 273	12.56	0.24	0.24	0.003	295	9.38				
VR04836A 175-180	207 276	11.78	0.27	0.24	0.012	313	10.09				
VR04837A 180-185	207 273	13.76	0.51	0.51	0.005	355	9.09				
VR04838A 185-190	207 276	10.52	1.08	1.10	0.004	340	8.41				
VR04839A 190-195	207 276	11.26	< 0.07	< 0.07	< 0.002	381	7.60				
VR04840A 195-200	207 276	8.22	< 0.07	< 0.07	< 0.002	353	3.46				

CERTIFICATION:

John V. Vink



Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

o: KENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
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Project: 05-432 93LS23
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CERTIFICATE OF ANALYSIS

A9314404

SAMPLE	PREP CODE		Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04841A 200-205	207	276	10.62	< 0.07	< 0.07	< 0.002	347	6.64				
VR04842A 205-210	207	276	9.74	< 0.07	< 0.07	< 0.002	329	4.85				
VR04843A 210-215	207	276	10.76	< 0.07	< 0.07	< 0.002	353	5.15				
VR04844A 215-220	207	276	9.36	< 0.07	< 0.07	< 0.002	321	8.53				
VR04845A 220-225	207	276	11.25	< 0.07	< 0.07	< 0.002	301	6.21				
VR04846A 225-230	207	276	9.91	< 0.07	< 0.07	< 0.002	289	6.60				
VR04847A 230-235	207	276	9.70	< 0.07	< 0.07	< 0.002	347	4.70				
VR04848A 235-240	207	276	10.58	< 0.07	< 0.07	< 0.002	302	5.35				
VR04849A 240-245	207	276	11.41	< 0.07	< 0.07	< 0.002	311	7.20				
VR04810AR045-050	207	234	-----	< 0.07	< 0.07	< 0.002	274	8.26				
VR04820AR095-100	207	234	-----	< 0.07	< 0.07	0.002	299	7.28				
VR04830AR145-150	207	234	-----	< 0.07	< 0.07	0.003	311	6.26				
VR04840AR195-200	207	234	-----	< 0.07	< 0.07	0.004	344	6.41				

CERTIFICATION:

Shuk Vmch



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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Project: 05-432 93LS23
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Form 1-A
Pages: 2
Certificate Date: 24-MAY-93
Invoice No.: 19314405
P.O. Number: 05-432
Account: KAVA

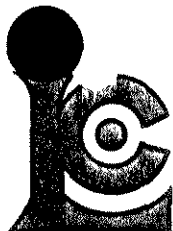
CERTIFICATE OF ANALYSIS

A9314405

SAMPLE	PREP CODE	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	Mo ppm
VR04801A 000-005	299 229	0.2	1.34	28	260	< 0.5	< 2	0.12	< 0.5	8	31	20	2.48	< 10	< 1	0.12	20	0.95	330	1
VR04802A 005-010	299 229	0.2	1.68	12	220	< 0.5	< 2	0.17	< 0.5	8	28	14	3.09	< 10	< 1	0.14	20	1.45	390	1
VR04803A 010-015	299 229	0.2	1.85	8	140	< 0.5	< 2	0.20	< 0.5	10	41	20	2.98	< 10	< 1	0.08	20	1.84	440	1
VR04804A 015-020	299 229	0.2	1.86	12	100	< 0.5	< 2	0.20	< 0.5	9	40	17	3.09	< 10	< 1	0.08	20	1.87	490	1
VR04805A 020-025	299 229	0.2	1.85	8	100	< 0.5	< 2	0.22	< 0.5	9	36	16	3.07	< 10	< 1	0.08	20	1.84	495	1
VR04806A 025-030	299 229	0.4	1.53	8	140	< 0.5	< 2	0.18	< 0.5	9	34	22	2.62	< 10	< 1	0.18	20	1.53	405	1
VR04807A 030-035	299 229	0.4	1.30	10	170	< 0.5	< 2	0.23	< 0.5	10	42	20	2.63	< 10	< 1	0.23	30	1.19	465	1
VR04808A 035-040	299 229	0.2	0.99	6	170	< 0.5	< 2	0.25	< 0.5	9	31	24	2.63	< 10	< 1	0.20	20	0.90	405	1
VR04809A 040-045	299 229	0.2	0.95	10	320	< 0.5	< 2	0.76	< 0.5	7	26	11	2.50	< 10	< 1	0.31	30	0.88	435	< 1
VR04810A 045-050	299 229	0.2	1.00	16	290	< 0.5	< 2	0.65	< 0.5	7	21	12	2.34	< 10	< 1	0.48	30	0.89	350	< 1
VR04811A 050-055	299 229	0.2	1.18	14	280	< 0.5	< 2	0.76	< 0.5	7	21	12	2.49	< 10	< 1	0.66	30	1.10	380	< 1
VR04812A 055-060	299 229	0.2	0.87	12	190	< 0.5	< 2	0.78	< 0.5	6	16	14	1.92	< 10	< 1	0.49	30	0.71	315	< 1
VR04813A 060-065	299 229	0.2	0.39	8	130	< 0.5	< 2	0.34	< 0.5	2	8	10	0.93	< 10	< 1	0.20	30	0.19	170	< 1
VR04814A 065-070	299 229	0.4	0.30	6	130	< 0.5	< 2	0.19	< 0.5	1	4	24	0.58	< 10	< 1	0.17	30	0.09	115	< 1
VR04815A 070-075	299 229	2.6	0.39	16	130	< 0.5	2	0.12	< 0.5	2	10	75	0.81	< 10	< 1	0.16	30	0.21	135	< 1
VR04816A 075-080	299 229	0.6	2.34	52	310	0.5	< 2	1.30	2.0	25	85	42	5.03	< 10	< 1	0.18	30	1.95	755	1
VR04817A 080-085	299 229	0.4	0.78	28	250	< 0.5	< 2	0.34	1.0	8	29	29	1.90	< 10	< 1	0.18	20	0.59	290	1
VR04818A 085-090	299 229	0.4	0.84	24	170	< 0.5	< 2	0.36	0.5	7	18	28	1.87	< 10	< 1	0.22	30	0.54	480	1
VR04819A 090-095	299 229	0.8	0.72	260	110	< 0.5	< 2	0.14	< 0.5	3	14	45	1.65	< 10	< 1	0.19	30	0.43	420	1
VR04820A 095-100	299 229	0.2	0.37	294	120	< 0.5	< 2	0.06	< 0.5	2	10	12	0.87	< 10	< 1	0.20	30	0.17	180	1
VR04821A 100-105	299 229	0.2	0.37	26	120	< 0.5	< 2	0.08	< 0.5	1	7	7	0.70	< 10	< 1	0.21	30	0.15	175	< 1
VR04822A 105-110	299 229	0.8	0.45	26	170	< 0.5	< 2	0.40	< 0.5	1	7	24	0.77	< 10	< 1	0.22	40	0.17	225	1
VR04823A 110-115	299 229	< 0.2	0.51	70	140	< 0.5	< 2	0.23	0.5	4	8	8	1.25	< 10	< 1	0.20	30	0.24	315	1
VR04824A 115-120	299 229	0.4	0.34	52	260	< 0.5	< 2	0.04	< 0.5	1	8	19	1.37	< 10	< 1	0.18	30	0.10	100	2
VR04825A 120-125	299 229	0.2	0.50	22	130	< 0.5	2	0.38	< 0.5	3	9	13	1.27	< 10	< 1	0.17	30	0.30	260	1
VR04826A 125-130	299 229	0.2	0.60	28	210	< 0.5	< 2	0.15	< 0.5	4	13	12	1.58	< 10	< 1	0.15	30	0.43	295	1
VR04827A 130-135	299 229	0.2	0.85	36	100	< 0.5	< 2	0.14	< 0.5	4	14	13	1.92	< 10	< 1	0.16	30	0.58	475	1
VR04828A 135-140	299 229	0.4	1.04	90	70	< 0.5	< 2	0.19	< 0.5	5	22	16	2.24	< 10	< 1	0.14	30	0.78	580	1
VR04829A 140-145	299 229	0.6	1.50	84	80	< 0.5	< 2	0.29	0.5	8	32	35	2.91	< 10	< 1	0.13	30	1.22	715	1
VR04830A 145-150	299 229	0.8	2.04	128	80	0.5	< 2	1.21	< 0.5	13	56	46	3.96	10	< 1	0.12	30	1.51	955	1
VR04831A 150-155	299 229	1.2	2.49	60	280	0.5	< 2	3.30	0.5	27	80	49	6.03	10	< 1	0.13	10	2.24	1020	1
VR04832A 155-160	299 229	0.6	1.44	136	210	< 0.5	< 2	0.37	< 0.5	10	31	30	2.83	< 10	< 1	0.16	30	1.24	550	1
VR04833A 160-165	299 229	0.4	1.21	146	200	< 0.5	< 2	0.38	< 0.5	8	23	15	2.51	< 10	< 1	0.15	30	1.04	500	1
VR04834A 165-170	299 229	0.4	1.01	168	100	< 0.5	< 2	0.20	< 0.5	8	19	12	2.33	< 10	< 1	0.12	30	0.81	350	1
VR04835A 170-175	299 229	0.6	0.71	210	90	< 0.5	< 2	0.14	< 0.5	3	15	29	1.61	< 10	< 1	0.13	30	0.56	250	1
VR04836A 175-180	299 229	1.6	0.57	640	80	< 0.5	< 2	0.12	< 0.5	2	15	34	1.84	< 10	< 1	0.12	20	0.41	220	1
VR04837A 180-185	299 229	0.6	0.73	782	80	< 0.5	< 2	0.11	< 0.5	3	11	10	2.04	< 10	< 1	0.13	30	0.57	150	1
VR04838A 185-190	299 229	2.6	0.57	624	120	< 0.5	< 2	0.10	< 0.5	6	11	21	1.95	< 10	< 1	0.14	30	0.38	540	2
VR04839A 190-195	299 229	0.4	0.19	58	30	< 0.5	< 2	0.04	< 0.5	1	22	13	1.38	< 10	< 1	0.04	< 10	0.12	145	1
VR04840A 195-200	299 229	0.4	0.43	88	60	< 0.5	< 2	0.05	< 0.5	2	19	26	1.57	< 10	< 1	0.08	10	0.36	150	1

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o: KENNECOTT CANADA, INC.

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

Project : 05-432 93LS23
Comments: ATTN:ANN DOYLE

er : 1-B
Total Pages : 2
Certificate Date: 24-MAY-93
Invoice No. : 19314405
P.O. Number : 05-432
Account : KAVA

CERTIFICATE OF ANALYSIS

A9314405

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04801A 000-005	299 229	< 0.01	15	240	20	< 2	2	13	0.01	< 10	< 10	15	< 10	60
VR04802A 005-010	299 229	< 0.01	13	520	10	< 2	2	15	< 0.01	< 10	< 10	10	< 10	62
VR04803A 010-015	299 229	< 0.01	18	610	8	< 2	2	15	< 0.01	< 10	< 10	15	< 10	80
VR04804A 015-020	299 229	< 0.01	17	650	12	< 2	3	13	< 0.01	< 10	< 10	25	< 10	92
VR04805A 020-025	299 229	< 0.01	16	790	6	< 2	3	15	< 0.01	< 10	< 10	23	< 10	92
VR04806A 025-030	299 229	< 0.01	15	590	24	< 2	3	12	0.01	< 10	< 10	21	< 10	78
VR04807A 030-035	299 229	< 0.01	19	650	18	< 2	5	14	0.01	10	< 10	21	< 10	76
VR04808A 035-040	299 229	< 0.01	15	690	10	< 2	4	13	0.02	10	< 10	17	< 10	66
VR04809A 040-045	299 229	0.01	12	580	12	< 2	4	39	0.05	10	< 10	16	< 10	60
VR04810A 045-050	299 229	0.01	12	560	14	< 2	6	33	0.04	10	< 10	16	< 10	60
VR04811A 050-055	299 229	< 0.01	12	630	14	< 2	7	36	0.07	10	< 10	17	< 10	62
VR04812A 055-060	299 229	< 0.01	10	510	18	< 2	5	43	0.05	10	< 10	12	< 10	70
VR04813A 060-065	299 229	< 0.01	4	250	22	< 2	2	19	0.01	10	< 10	3	< 10	46
VR04814A 065-070	299 229	0.01	2	110	50	< 2	1	14	< 0.01	10	< 10	< 1	< 10	44
VR04815A 070-075	299 229	0.01	3	190	110	4	1	10	< 0.01	10	< 10	5	< 10	86
VR04816A 075-080	299 229	0.09	43	1720	26	2	10	89	0.08	< 10	< 10	58	10	178
VR04817A 080-085	299 229	0.02	11	600	26	< 2	3	27	0.02	10	< 10	18	< 10	90
VR04818A 085-090	299 229	0.01	9	500	26	< 2	3	38	< 0.01	10	< 10	8	< 10	70
VR04819A 090-095	299 229	< 0.01	6	320	46	< 2	2	20	< 0.01	10	< 10	6	< 10	84
VR04820A 095-100	299 229	< 0.01	3	150	22	< 2	< 1	9	< 0.01	10	< 10	1	< 10	44
VR04821A 100-105	299 229	< 0.01	3	160	20	< 2	1	7	< 0.01	10	< 10	1	< 10	30
VR04822A 105-110	299 229	0.01	2	230	40	< 2	1	20	< 0.01	10	< 10	1	< 10	26
VR04823A 110-115	299 229	< 0.01	4	440	14	< 2	< 1	13	< 0.01	10	< 10	1	< 10	54
VR04824A 115-120	299 229	0.01	3	210	94	< 2	< 1	34	< 0.01	10	< 10	< 1	< 10	74
VR04825A 120-125	299 229	0.01	4	370	18	< 2	1	16	< 0.01	10	< 10	2	< 10	50
VR04826A 125-130	299 229	< 0.01	6	480	22	< 2	1	16	< 0.01	10	< 10	2	< 10	60
VR04827A 130-135	299 229	< 0.01	7	400	26	< 2	1	21	< 0.01	10	< 10	4	< 10	70
VR04828A 135-140	299 229	< 0.01	10	450	40	< 2	1	20	< 0.01	10	< 10	10	< 10	80
VR04829A 140-145	299 229	< 0.01	12	680	68	< 2	3	24	< 0.01	< 10	< 10	20	< 10	122
VR04830A 145-150	299 229	< 0.01	25	990	88	2	6	53	< 0.01	< 10	< 10	44	< 10	154
VR04831A 150-155	299 229	0.08	56	1870	28	2	15	178	0.05	< 10	< 10	76	10	144
VR04832A 155-160	299 229	0.01	14	730	30	< 2	5	27	< 0.01	10	< 10	21	< 10	104
VR04833A 160-165	299 229	0.01	12	640	12	< 2	4	25	< 0.01	10	< 10	15	< 10	82
VR04834A 165-170	299 229	< 0.01	11	560	24	< 2	3	29	< 0.01	< 10	< 10	9	< 10	76
VR04835A 170-175	299 229	< 0.01	4	290	24	< 2	1	34	< 0.01	10	< 10	3	< 10	70
VR04836A 175-180	299 229	< 0.01	6	300	30	2	1	52	< 0.01	< 10	< 10	1	< 10	70
VR04837A 180-185	299 229	< 0.01	5	230	30	< 2	1	39	< 0.01	10	< 10	2	< 10	78
VR04838A 185-190	299 229	< 0.01	7	270	20	2	1	34	< 0.01	10	< 10	3	< 10	80
VR04839A 190-195	299 229	< 0.01	8	100	78	< 2	< 1	12	< 0.01	< 10	< 10	< 1	< 10	20
VR04840A 195-200	299 229	< 0.01	7	140	18	< 2	< 1	9	< 0.01	< 10	< 10	1	< 10	42

CERTIFICATION:

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PHONE: 604-984-0221

o: KENNECOTT CANADA, INC.

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

Project : 05-432 93LS23
Comments: ATTN:ANN DOYLE

er :2-A
ages :2
Certificate Date: 24-MAY-93
Invoice No. :19314405
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314405

SAMPLE	PREP CODE	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	Mo ppm
VR04841A 200-205	299 229	0.4	0.84	58	90	< 0.5	< 2	0.11	< 0.5	3	17	38	1.92	< 10	< 1	0.14	30	0.75	210	1
VR04842A 205-210	299 229	0.2	1.04	62	80	< 0.5	< 2	0.15	< 0.5	6	19	11	2.17	< 10	< 1	0.13	20	0.99	310	1
VR04843A 210-215	299 229	0.2	0.95	58	80	< 0.5	< 2	0.15	< 0.5	6	17	13	1.89	< 10	< 1	0.13	20	0.94	300	1
VR04844A 215-220	299 229	0.2	0.97	48	90	< 0.5	< 2	0.20	< 0.5	6	18	9	1.80	< 10	< 1	0.18	20	1.00	300	1
VR04845A 220-225	299 229	0.2	0.96	44	90	< 0.5	< 2	0.14	< 0.5	4	15	15	1.71	< 10	< 1	0.17	20	0.96	295	< 1
VR04846A 225-230	299 229	0.2	1.33	36	120	< 0.5	< 2	0.22	< 0.5	7	28	11	2.35	< 10	< 1	0.34	10	1.41	390	< 1
VR04847A 230-235	299 229	0.2	0.84	64	120	< 0.5	< 2	0.14	< 0.5	4	14	23	1.75	< 10	< 1	0.24	20	0.81	255	1
VR04848A 235-240	299 229	0.2	0.72	56	120	< 0.5	< 2	0.13	< 0.5	3	9	21	1.51	< 10	< 1	0.23	20	0.61	190	1
VR04849A 240-245	299 229	0.4	0.67	14	100	< 0.5	< 2	0.37	1.0	3	11	47	1.61	< 10	< 1	0.25	10	0.62	220	1

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Project : 05-432 93LS23
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er :2-B
Pages :2
Certificate Date: 24-MAY-93
Invoice No. :19314405
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314405

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04841A 200-205	299 229	< 0.01	7	320	20	< 2	< 1	13	< 0.01	10	< 10	2	< 10	76
VR04842A 205-210	299 229	< 0.01	10	420	14	< 2	1	20	< 0.01	10	< 10	4	< 10	72
VR04843A 210-215	299 229	< 0.01	8	410	22	< 2	1	14	< 0.01	10	< 10	4	< 10	62
VR04844A 215-220	299 229	< 0.01	11	450	24	< 2	1	15	0.01	10	< 10	5	< 10	62
VR04845A 220-225	299 229	< 0.01	6	420	14	< 2	1	13	< 0.01	10	< 10	4	< 10	62
VR04846A 225-230	299 229	< 0.01	11	630	10	< 2	1	19	0.03	< 10	< 10	10	< 10	84
VR04847A 230-235	299 229	< 0.01	6	420	16	< 2	1	15	0.01	< 10	< 10	4	< 10	72
VR04848A 235-240	299 229	< 0.01	4	350	20	< 2	< 1	13	< 0.01	< 10	< 10	2	< 10	62
VR04849A 240-245	299 229	< 0.01	4	340	56	< 2	< 1	18	0.01	< 10	< 10	2	< 10	140

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354 - 200 GRANVILLE ST.
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Project : 05-432 93LS26
Comments: ATTN:ANN DOYLE

er : 1
Pages : 2
Certificate Date: 21-MAY-93
Invoice No. : 19314411
P.O. Number : 05-432
Account : KAVA

CERTIFICATE OF ANALYSIS

A9314411

SAMPLE	PREP CODE		Weight pounds	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04951A 000-005	207	274	0.45	< 0.07	< 0.07	0.002	246	4.37				
VR04952A 005-010	207	274	3.04	< 0.07	< 0.07	< 0.002	292	5.05				
VR04953A 010-015	207	274	4.20	< 0.07	< 0.07	< 0.002	273	3.18				
VR04954A 015-020	207	274	7.40	0.14	0.14	< 0.002	283	9.16				
VR04955A 020-025	207	276	2.12	< 0.07	< 0.07	< 0.002	297	9.34				
VR04956A 025-030	207	274	2.56	< 0.07	< 0.07	< 0.002	281	6.30				
VR04957A 030-035	207	274	3.44	< 0.07	< 0.07	< 0.002	297	9.85				
VR04958A 035-040	207	274	5.32	< 0.07	< 0.07	< 0.002	306	11.32				
VR04959A 040-045	207	274	4.40	0.07	0.07	< 0.002	249	10.44				
VR04960A 045-050	207	274	5.60	< 0.07	< 0.07	< 0.002	306	10.16				
VR04961A 050-055	207	274	4.50	< 0.07	< 0.07	< 0.002	285	5.70				
VR04962A 055-060	207	276	8.20	< 0.07	< 0.07	< 0.002	319	7.34				
VR04963A 060-065	207	276	8.94	< 0.07	< 0.07	< 0.002	314	5.55				
VR04964A 065-070	207	276	9.26	< 0.07	< 0.07	< 0.002	294	5.25				
VR04965A 070-075	207	276	9.96	< 0.07	< 0.07	0.002	325	5.73				
VR04966A 075-080	207	276	11.24	< 0.07	< 0.07	0.002	291	7.38				
VR04967A 080-085	207	273	13.86	< 0.07	< 0.07	0.002	279	8.70				
VR04968A 085-090	207	273	12.70	< 0.07	< 0.07	0.002	329	5.93				
VR04969A 090-095	207	276	11.22	< 0.07	< 0.07	< 0.002	300	3.95				
VR04970A 095-100	207	273	13.24	< 0.07	< 0.07	0.003	305	2.31				
VR04971A 100-105	207	273	12.38	< 0.07	< 0.07	< 0.002	313	8.30				
VR04972A 105-110	207	273	13.56	< 0.07	< 0.07	< 0.002	320	5.56				
VR04973A 110-115	207	273	13.43	< 0.07	< 0.07	0.002	273	3.84				
VR04974A 115-120	207	273	12.84	< 0.07	< 0.07	< 0.002	333	7.09				
VR04975A 120-125	207	273	14.14	< 0.07	< 0.07	< 0.002	321	5.05				
VR04976A 125-130	207	273	15.86	< 0.07	< 0.07	< 0.002	335	4.57				
VR04977A 130-135	207	273	16.10	0.07	0.07	< 0.002	348	7.17				
VR04978A 135-140	207	273	14.95	< 0.07	< 0.07	< 0.002	269	6.40				
VR04979A 140-145	207	273	13.78	< 0.07	< 0.07	< 0.002	245	7.30				
VR04980A 145-150	207	273	14.20	< 0.07	< 0.07	< 0.002	263	5.17				
VR04981A 150-155	207	273	14.72	< 0.07	< 0.07	< 0.002	283	5.16				
VR04982A 155-160	207	276	11.70	< 0.07	< 0.07	< 0.002	324	7.83				
VR04983A 160-165	207	273	14.90	< 0.07	< 0.07	< 0.002	297	10.90				
VR04984A 165-170	207	276	11.68	< 0.07	< 0.07	< 0.002	299	10.94				
VR04985A 170-175	207	273	12.08	< 0.07	< 0.07	< 0.002	314	15.52				
VR04986A 175-180	207	273	13.76	< 0.07	< 0.07	< 0.002	322	7.68				
VR04987A 180-185	207	273	15.72	< 0.07	< 0.07	< 0.002	332	14.10				
VR04988A 185-190	207	273	15.80	< 0.07	< 0.07	< 0.002	345	11.47				
VR04989A 190-195	207	273	12.56	< 0.07	< 0.07	0.002	381	13.70				
VR04990A 195-200	207	273	12.60	0.11	0.10	0.003	343	9.27				

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VANCOUVER, BC
V6C 1S4

Project : 05-432 93LS26
Comments: ATTN:ANN DOYLE

er :2
Total Pages :2
Certificate Date: 21-MAY-93
Invoice No. :19314411
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314411

SAMPLE	PREP CODE		Weight pounds	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR04991A 200-205	207	273	12.28	< 0.07	< 0.07	< 0.002	361	6.05				
VR04992A 205-210	207	276	10.54	< 0.07	< 0.07	< 0.002	391	3.34				
VR04993A 210-215	207	276	11.78	< 0.07	< 0.07	< 0.002	367	2.70				
VR04994A 215-220	207	276	9.02	< 0.07	< 0.07	< 0.002	360	6.02				
VR04995A 220-225	207	273	12.46	< 0.07	< 0.07	< 0.002	312	4.94				
VR04996A 225-230	207	273	12.20	< 0.07	< 0.07	< 0.002	291	8.33				
VR04997A 230-235	207	276	9.56	< 0.07	< 0.07	< 0.002	249	6.95				
VR04998A 235-240	207	276	8.38	< 0.07	< 0.07	0.003	279	4.76				
VR04999A 240-245	207	276	8.42	< 0.07	< 0.07	< 0.002	244	6.55				
VR04960AR045-050	207	234	-----	< 0.07	< 0.07	< 0.002	290	5.48				
VR04970AR095-100	207	234	-----	< 0.07	< 0.07	< 0.002	290	4.23				
VR04930AR145-150	207	234	-----	< 0.07	< 0.07	< 0.002	274	3.96				
VR04990AR195-200	207	234	-----	< 0.07	< 0.07	< 0.002	390	3.65				

CERTIFICATION:

John Vank



Chemex Labs Ltd.

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

or: KENNECOTT CANADA, INC.

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

Project : 05-432 93LS26
Comments: ATTN:ANN DOYLE

er : 1-A
Pages : 2
Certificate Date: 26-MAY-93
Invoice No. : 19314413
P.O. Number : 05-432
Account : KAVA

CERTIFICATE OF ANALYSIS

A9314413

SAMPLE	PREP CODE	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	Mo ppm
VR04951A 000-005	299 229	0.2	0.81	46	320	< 0.5	< 2	0.19	< 0.5	6	16	37	2.00	< 10	< 1	0.17	20	0.55	330	< 1
VR04952A 005-010	299 229	0.2	0.42	8	630	< 0.5	< 2	0.13	0.5	4	11	11	1.28	< 10	< 1	0.14	20	0.17	160	1
VR04953A 010-015	299 229	0.2	0.58	14	770	< 0.5	< 2	0.13	0.5	4	16	10	1.44	< 10	< 1	0.21	20	0.18	180	1
VR04954A 015-020	299 229	0.2	0.54	8	660	< 0.5	< 2	0.12	0.5	4	15	11	1.45	< 10	< 1	0.19	20	0.18	160	1
VR04955A 020-025	299 229	0.2	0.56	< 2	490	< 0.5	< 2	0.16	0.5	4	16	10	1.36	< 10	< 1	0.17	20	0.20	200	1
VR04956A 025-030	299 229	< 0.2	0.51	6	630	< 0.5	< 2	0.12	< 0.5	3	14	10	1.30	< 10	< 1	0.17	20	0.18	145	1
VR04957A 030-035	299 229	0.2	0.45	6	710	< 0.5	< 2	0.15	< 0.5	4	15	9	1.42	< 10	< 1	0.15	20	0.19	205	< 1
VR04958A 035-040	299 229	0.2	0.72	102	290	< 0.5	< 2	0.28	0.5	8	15	35	2.22	< 10	< 1	0.17	20	0.45	205	1
VR04959A 040-045	299 229	< 0.2	0.58	20	480	< 0.5	< 2	0.17	< 0.5	4	16	13	1.46	< 10	< 1	0.17	20	0.25	115	1
VR04960A 045-050	299 229	0.4	0.76	30	230	< 0.5	< 2	0.19	1.0	10	14	91	2.48	< 10	< 1	0.16	10	0.55	660	3
VR04961A 050-055	299 229	0.2	0.83	32	1140	< 0.5	< 2	0.23	0.5	8	16	47	2.15	< 10	< 1	0.17	20	0.61	455	1
VR04962A 055-060	299 229	< 0.2	0.92	< 2	750	< 0.5	< 2	0.89	0.5	7	16	12	1.75	< 10	< 1	0.26	20	0.90	390	1
VR04963A 060-065	299 229	< 0.2	0.71	< 2	640	< 0.5	< 2	0.82	< 0.5	4	13	12	1.34	< 10	< 1	0.44	20	0.71	295	1
VR04964A 065-070	299 229	< 0.2	0.73	2	210	< 0.5	< 2	0.39	< 0.5	6	16	14	1.55	< 10	< 1	0.56	10	0.85	265	< 1
VR04965A 070-075	299 229	0.2	1.04	2	310	< 0.5	< 2	0.57	< 0.5	7	17	24	1.84	< 10	< 1	0.81	10	1.00	350	< 1
VR04966A 075-080	299 229	0.2	1.07	8	340	< 0.5	< 2	0.68	0.5	7	19	30	2.04	< 10	< 1	0.60	20	0.87	420	< 1
VR04967A 080-085	299 229	0.2	1.53	4	490	< 0.5	< 2	0.86	0.5	7	21	35	2.17	< 10	< 1	0.94	20	1.07	435	< 1
VR04968A 085-090	299 229	0.2	1.02	< 2	430	< 0.5	< 2	0.41	< 0.5	3	9	10	1.12	< 10	< 1	0.67	30	0.54	230	< 1
VR04969A 090-095	299 229	0.2	0.82	2	360	< 0.5	< 2	0.14	< 0.5	4	10	7	1.03	< 10	< 1	0.44	30	0.39	215	< 1
VR04970A 095-100	299 229	< 0.2	0.83	8	270	< 0.5	< 2	0.25	< 0.5	3	10	5	1.15	< 10	< 1	0.40	30	0.51	235	< 1
VR04971A 100-105	299 229	0.2	0.80	4	250	< 0.5	< 2	0.23	< 0.5	3	10	5	1.10	< 10	< 1	0.36	20	0.49	235	< 1
VR04972A 105-110	299 229	0.2	0.83	24	250	< 0.5	< 2	0.19	< 0.5	3	9	8	1.18	< 10	< 1	0.36	20	0.48	250	< 1
VR04973A 110-115	299 229	0.2	0.99	36	280	< 0.5	< 2	0.11	< 0.5	3	12	11	1.27	< 10	< 1	0.42	20	0.49	285	< 1
VR04974A 115-120	299 229	0.4	0.99	36	270	< 0.5	< 2	0.27	0.5	4	11	22	1.30	< 10	< 1	0.41	20	0.51	285	< 1
VR04975A 120-125	299 229	0.2	0.97	8	280	< 0.5	< 2	0.43	0.5	4	10	10	1.35	< 10	< 1	0.48	20	0.62	250	< 1
VR04976A 125-130	299 229	0.2	0.70	4	150	< 0.5	< 2	0.54	< 0.5	4	11	9	1.34	< 10	< 1	0.46	20	0.62	265	< 1
VR04977A 130-135	299 229	0.2	0.83	18	160	< 0.5	< 2	0.41	< 0.5	4	11	10	1.48	< 10	< 1	0.31	20	0.69	355	1
VR04978A 135-140	299 229	0.2	0.71	8	140	< 0.5	< 2	0.45	< 0.5	4	8	8	1.32	< 10	< 1	0.33	20	0.59	275	< 1
VR04979A 140-145	299 229	< 0.2	0.75	8	110	< 0.5	< 2	0.30	< 0.5	3	11	12	1.36	< 10	1	0.18	20	0.62	425	< 1
VR04980A 145-150	299 229	< 0.2	0.64	8	130	< 0.5	4	0.40	< 0.5	3	13	7	1.45	< 10	< 1	0.49	20	0.53	195	< 1
VR04981A 150-155	299 229	< 0.2	1.00	14	300	< 0.5	< 2	0.24	< 0.5	4	9	8	1.28	< 10	< 1	0.66	20	0.58	145	< 1
VR04982A 155-160	299 229	< 0.2	0.72	2	120	< 0.5	< 2	0.65	0.5	4	14	8	1.44	< 10	< 1	0.27	20	0.64	215	< 1
VR04983A 160-165	299 229	0.2	0.72	< 2	110	< 0.5	< 2	0.78	< 0.5	3	18	9	1.67	< 10	< 1	0.23	20	0.67	305	< 1
VR04984A 165-170	299 229	0.2	0.63	8	110	< 0.5	< 2	0.46	< 0.5	3	15	12	1.47	< 10	< 1	0.28	20	0.53	255	< 1
VR04985A 170-175	299 229	< 0.2	0.70	22	150	< 0.5	< 2	0.37	< 0.5	3	11	7	1.30	< 10	< 1	0.45	20	0.57	200	1
VR04986A 175-180	299 229	0.2	0.58	8	130	< 0.5	< 2	0.27	< 0.5	4	13	9	1.30	< 10	< 1	0.43	20	0.48	205	< 1
VR04987A 180-185	299 229	< 0.2	0.48	28	100	< 0.5	< 2	0.35	< 0.5	3	14	12	1.31	< 10	< 1	0.32	10	0.37	210	1
VR04988A 185-190	299 229	< 0.2	0.59	< 2	110	< 0.5	2	0.27	< 0.5	4	12	8	1.34	< 10	< 1	0.43	10	0.53	165	< 1
VR04989A 190-195	299 229	< 0.2	0.76	< 2	180	< 0.5	< 2	0.33	< 0.5	3	10	9	1.29	< 10	< 1	0.49	10	0.59	165	< 1
VR04990A 195-200	299 229	< 0.2	0.68	18	130	< 0.5	< 2	0.44	< 0.5	4	14	9	1.51	< 10	1	0.35	10	0.54	255	< 1

CERTIFICATION:

Hart Bickler



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

Project : 05-432 93LS26
Comments: ATTN:ANN DOYLE

Jer :1-B
Total Pages :2
Certificate Date: 26-MAY-93
Invoice No. :19314413
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314413

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04951A 000-005	299 229	0.01	10	340	30	< 2	2	32	0.02	< 10	< 10	13	< 10	76
VR04952A 005-010	299 229	< 0.01	6	250	44	< 2	1	24	< 0.01	< 10	< 10	5	< 10	52
VR04953A 010-015	299 229	0.01	9	260	50	< 2	1	25	< 0.01	< 10	< 10	7	< 10	62
VR04954A 015-020	299 229	0.01	7	260	46	< 2	1	24	< 0.01	< 10	< 10	7	< 10	64
VR04955A 020-025	299 229	0.01	9	270	40	< 2	1	21	< 0.01	< 10	< 10	9	< 10	60
VR04956A 025-030	299 229	0.01	8	220	42	< 2	1	20	< 0.01	< 10	< 10	7	< 10	56
VR04957A 030-035	299 229	0.01	8	220	38	< 2	1	28	< 0.01	< 10	< 10	8	< 10	56
VR04958A 035-040	299 229	0.01	14	450	24	< 2	1	40	0.02	< 10	< 10	11	< 10	92
VR04959A 040-045	299 229	0.01	10	290	34	< 2	1	24	0.01	< 10	< 10	10	< 10	58
VR04960A 045-050	299 229	< 0.01	13	440	38	< 2	1	35	0.01	< 10	< 10	8	< 10	130
VR04961A 050-055	299 229	0.01	11	470	24	< 2	1	36	< 0.01	< 10	< 10	9	< 10	94
VR04962A 055-060	299 229	0.02	7	470	8	< 2	3	48	0.01	< 10	< 10	9	< 10	54
VR04963A 060-065	299 229	0.01	7	460	14	< 2	2	68	0.04	< 10	< 10	7	< 10	44
VR04964A 065-070	299 229	0.01	9	530	16	< 2	1	20	0.05	< 10	< 10	8	< 10	50
VR04965A 070-075	299 229	0.01	8	570	8	< 2	2	29	0.06	< 10	< 10	11	< 10	74
VR04966A 075-080	299 229	0.02	9	560	12	< 2	4	37	0.06	< 10	< 10	13	< 10	80
VR04967A 080-085	299 229	0.03	9	520	20	< 2	4	55	0.06	< 10	< 10	16	< 10	74
VR04968A 085-090	299 229	0.04	2	340	14	< 2	2	34	0.04	< 10	< 10	7	< 10	38
VR04969A 090-095	299 229	0.02	4	400	20	< 2	1	51	0.03	< 10	< 10	5	< 10	48
VR04970A 095-100	299 229	0.02	4	330	18	< 2	1	35	0.02	< 10	< 10	5	< 10	38
VR04971A 100-105	299 229	0.01	4	340	22	< 2	1	33	< 0.01	< 10	< 10	4	< 10	36
VR04972A 105-110	299 229	0.02	4	340	24	< 2	1	24	< 0.01	< 10	< 10	5	< 10	46
VR04973A 110-115	299 229	0.02	4	280	34	< 2	1	14	< 0.01	< 10	< 10	6	< 10	76
VR04974A 115-120	299 229	0.02	3	320	34	< 2	1	23	< 0.01	< 10	< 10	6	< 10	102
VR04975A 120-125	299 229	0.02	3	340	16	< 2	1	35	0.02	< 10	< 10	7	< 10	60
VR04976A 125-130	299 229	0.01	3	360	20	< 2	1	62	0.04	< 10	< 10	5	< 10	36
VR04977A 130-135	299 229	0.01	5	380	20	< 2	1	38	0.01	< 10	< 10	6	< 10	48
VR04978A 135-140	299 229	0.01	4	360	24	< 2	1	42	0.02	< 10	< 10	5	< 10	40
VR04979A 140-145	299 229	< 0.01	5	360	34	< 2	< 1	23	< 0.01	< 10	< 10	5	< 10	62
VR04980A 145-150	299 229	0.01	6	350	18	< 2	1	45	0.05	< 10	< 10	5	< 10	42
VR04981A 150-155	299 229	0.03	6	350	18	< 2	1	27	0.05	< 10	< 10	8	< 10	36
VR04982A 155-160	299 229	0.01	9	370	22	< 2	1	78	0.02	< 10	< 10	8	< 10	36
VR04983A 160-165	299 229	0.01	12	340	22	< 2	1	100	0.03	< 10	< 10	8	< 10	42
VR04984A 165-170	299 229	0.01	10	340	46	< 2	1	53	0.04	< 10	< 10	7	< 10	58
VR04985A 170-175	299 229	0.01	6	350	14	< 2	1	48	0.06	< 10	< 10	6	< 10	34
VR04986A 175-180	299 229	0.01	9	360	20	< 2	< 1	28	0.04	< 10	< 10	4	< 10	26
VR04987A 180-185	299 229	0.01	10	320	18	< 2	< 1	29	0.02	< 10	< 10	3	< 10	28
VR04988A 185-190	299 229	0.01	8	300	22	< 2	1	28	0.05	< 10	< 10	5	< 10	34
VR04989A 190-195	299 229	0.02	5	320	22	< 2	1	25	0.04	< 10	< 10	6	< 10	38
VR04990A 195-200	299 229	0.01	9	330	18	< 2	1	39	0.02	< 10	< 10	6	< 10	38

CERTIFICATION:

Handwritten signature: Hans Buehler



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

Project : 05-432 93LS26
Comments: ATTN:ANN DOYLE

Order : 2-A
Pages : 2
Certificate Date: 26-MAY-93
Invoice No. : 19314413
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Account : KAVA

CERTIFICATE OF ANALYSIS

A9314413

SAMPLE	PREP CODE	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	Mo ppm
VR04991A 200-205	299 229	< 0.2	0.80	4	190	< 0.5	< 2	0.30	< 0.5	3	14	6	1.44	< 10	< 1	0.54	20	0.61	255	< 1
VR04992A 205-210	299 229	< 0.2	0.83	4	170	< 0.5	< 2	0.30	< 0.5	4	13	10	1.64	< 10	< 1	0.48	20	0.69	275	< 1
VR04993A 210-215	299 229	0.2	0.94	12	200	< 0.5	< 2	0.24	< 0.5	4	9	6	1.48	< 10	< 1	0.49	20	0.66	265	< 1
VR04994A 215-220	299 229	0.4	0.70	36	130	< 0.5	< 2	0.27	0.5	4	19	7	1.86	< 10	< 1	0.23	20	0.50	425	1
VR04995A 220-225	299 229	0.6	0.71	6	170	< 0.5	< 2	0.22	< 0.5	5	9	4	1.35	< 10	< 1	0.42	20	0.60	310	< 1
VR04996A 225-230	299 229	0.2	0.70	12	220	< 0.5	< 2	0.32	< 0.5	5	15	9	1.52	< 10	< 1	0.41	20	0.60	560	1
VR04997A 230-235	299 229	< 0.2	0.82	6	230	< 0.5	< 2	0.27	< 0.5	3	12	3	1.36	< 10	< 1	0.53	20	0.64	365	< 1
VR04998A 235-240	299 229	0.2	0.97	50	300	< 0.5	< 2	0.15	< 0.5	4	12	12	1.56	< 10	< 1	0.65	20	0.65	435	< 1
VR04999A 240-245	299 229	0.2	0.95	4	310	< 0.5	< 2	0.16	< 0.5	3	8	7	1.29	< 10	1	0.73	20	0.64	485	< 1

CERTIFICATION:

Walter Buchler



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

Project : 05-432 93LS26
Comments: ATTN:ANN DOYLE

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Total Pages :2
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Invoice No. :19314413
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CERTIFICATE OF ANALYSIS

A9314413

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR04991A 200-205	299	229	0.02	7	370	20	< 2	1	39	0.05	< 10	< 10	7	< 10	36
VR04992A 205-210	299	229	0.02	8	340	16	< 2	2	29	0.06	< 10	< 10	9	< 10	38
VR04993A 210-215	299	229	0.02	4	360	14	< 2	1	22	0.03	< 10	< 10	8	< 10	38
VR04994A 215-220	299	229	0.01	6	350	22	2	1	23	0.01	< 10	< 10	5	< 10	46
VR04995A 220-225	299	229	0.01	4	320	18	< 2	1	22	0.03	< 10	< 10	6	< 10	40
VR04996A 225-230	299	229	0.01	6	320	20	< 2	1	36	0.03	< 10	< 10	6	< 10	40
VR04997A 230-235	299	229	0.01	4	320	22	< 2	1	34	0.03	< 10	< 10	6	< 10	36
VR04998A 235-240	299	229	0.02	4	320	20	< 2	1	26	0.06	< 10	< 10	8	< 10	40
VR04999A 240-245	299	229	0.02	3	330	8	< 2	1	26	0.07	< 10	< 10	7	< 10	34

CERTIFICATION:

Harold Zischler



Chemex Labs Ltd.

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

Co: KENNECOTT CANADA, INC.

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

Project: 05-432 93LS27
Comments: ATTN:ANN DOYLE

Order: 1
Total Pages: 2
Certificate Date: 27-MAY-93
Invoice No.: 19314548
P.O. Number: 05-432
Account: KAVA

CERTIFICATE OF ANALYSIS

A9314548

SAMPLE	PREP CODE	Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR05001A 000-005	207 274	2.04	< 0.07	< 0.07	0.002	400	7.08				
VR05002A 005-010	207 274	10.05	< 0.07	< 0.07	< 0.002	273	7.28				
VR05003A 010-015	207 274	17.87	< 0.07	< 0.07	< 0.002	326	7.95				
VR05004A 015-020	207 274	10.25	< 0.07	< 0.07	< 0.002	272	6.72				
VR05005A 020-025	207 274	3.70	< 0.07	< 0.07	< 0.002	391	7.82				
VR05006A 025-030	207 274	5.38	< 0.07	< 0.07	0.002	346	10.11				
VR05007A 030-035	207 274	9.20	< 0.07	< 0.07	< 0.002	395	2.75				
VR05008A 035-040	207 274	10.36	< 0.07	< 0.07	0.002	230	10.95				
VR05009A 040-045	207 274	13.28	< 0.07	< 0.07	0.002	252	13.44				
VR05010A 045-050	207 274	11.88	< 0.07	< 0.07	< 0.002	243	13.55				
VR05011A 050-055	207 274	11.30	< 0.07	< 0.07	< 0.002	316	4.01				
VR05012A 055-060	207 274	12.80	< 0.07	< 0.07	< 0.002	310	8.60				
VR05013A 060-065	207 274	16.45	< 0.07	< 0.07	< 0.002	252	9.42				
VR05014A 065-070	207 274	13.75	< 0.07	< 0.07	< 0.002	290	7.49				
VR05015A 070-075	207 274	14.18	< 0.07	< 0.07	< 0.002	276	9.62				
VR05016A 075-080	207 274	12.14	< 0.07	< 0.07	< 0.002	173	7.55				
VR05017A 080-085	207 274	17.95	< 0.07	< 0.07	0.002	199	5.87				
VR05018A 085-090	207 274	14.44	< 0.07	< 0.07	0.002	282	7.80				
VR05019A 090-095	207 274	12.74	< 0.07	< 0.07	0.002	233	6.74				
VR05020A 095-100	207 274	16.26	< 0.07	< 0.07	< 0.002	244	3.45				
VR05021A 100-105	207 274	19.76	< 0.07	< 0.07	< 0.002	230	9.78				
VR05022A 105-110	207 274	18.54	< 0.07	< 0.07	< 0.002	196	8.99				
VR05023A 110-115	207 274	20.40	< 0.07	< 0.07	< 0.002	279	7.20				
VR05024A 115-120	207 274	19.62	< 0.07	< 0.07	< 0.002	222	10.57				
VR05025A 120-125	207 274	20.32	< 0.07	< 0.07	< 0.002	197	8.32				
VR05026A 125-130	207 274	15.16	< 0.07	< 0.07	< 0.002	201	10.60				
VR05027A 130-135	207 274	15.76	< 0.07	< 0.07	< 0.002	318	13.43				
VR05028A 135-140	207 274	15.80	< 0.07	< 0.07	0.002	166	12.55				
VR05029A 140-145	207 274	18.42	< 0.07	< 0.07	< 0.002	204	9.09				
VR05030A 145-150	207 274	11.50	< 0.07	< 0.07	< 0.002	178	7.10				
VR05031A 150-155	207 274	19.20	< 0.07	< 0.07	< 0.002	342	7.62				
VR05032A 155-160	207 274	15.48	< 0.07	< 0.07	< 0.002	341	14.32				
VR05033A 160-165	207 274	12.24	< 0.07	< 0.07	< 0.002	216	4.08				
VR05034A 165-170	207 274	13.88	< 0.07	< 0.07	< 0.002	237	7.99				
VR05035A 170-175	207 274	12.88	< 0.07	< 0.07	< 0.002	268	9.14				
VR05036A 175-180	207 274	9.78	< 0.07	< 0.07	< 0.002	168	7.54				
VR05037A 180-185	207 274	12.32	< 0.07	< 0.07	< 0.002	215	3.43				
VR05038A 185-190	207 274	9.14	< 0.07	< 0.07	< 0.002	242	2.08				
VR05039A 190-195	207 274	8.76	< 0.07	< 0.07	< 0.002	162	3.64				
VR05040A 195-200	207 274	7.58	< 0.07	< 0.07	< 0.002	249	1.56				

CERTIFICATION:

Theresa Vink



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

Project : 05-432 93LS27
Comments: ATTN:ANN DOYLE

Pages :2
Certificate Date: 27-MAY-93
Invoice No. :19314548
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314548

SAMPLE	PREP CODE		Weight Kg	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams				
VR05041A 200-205	207	276	10.60	< 0.07	< 0.07	< 0.002	313	12.08				
VR05042A 205-210	207	276	10.18	< 0.07	< 0.07	< 0.002	339	10.85				
VR05043A 210-215	207	276	8.72	< 0.07	< 0.07	< 0.002	293	8.40				
VR05044A 215-220	207	276	8.54	< 0.07	< 0.07	< 0.002	287	13.25				
VR05045A 220-225	207	276	11.54	< 0.07	< 0.07	< 0.002	294	10.75				
VR05046A 225-230	207	276	9.34	< 0.07	< 0.07	< 0.002	287	8.90				
VR05047A 230-235	207	276	8.74	< 0.07	< 0.07	< 0.002	319	15.07				
VR05048A 235-240	207	276	8.46	< 0.07	< 0.07	< 0.002	311	9.16				
VR05049A 240-245	207	276	9.90	< 0.07	< 0.07	< 0.002	310	10.03				
VR05010AR045-050	207	234	-----	< 0.07	< 0.07	< 0.002	248	8.74				
VR05020AR095-100	207	234	-----	< 0.07	< 0.07	< 0.002	209	11.49				
VR05030AR145-150	207	234	-----	< 0.07	< 0.07	< 0.002	367	10.12				
VR05040AR195-200	207	234	-----	< 0.07	< 0.07	< 0.002	342	10.33				

CERTIFICATION:

John Vank



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

KENNECOTT CANADA, INC.

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

Project : 05-432 93LS27
Comments: ATTN:ANN DOYLE

Page : 1-A
Certificate Date: 31-MAY-93
Invoice No. : 19314549
P.O. Number : 05-432
Account : KAVA

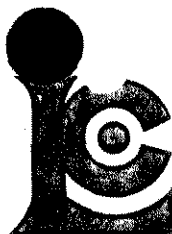
CERTIFICATE OF ANALYSIS

A9314549

SAMPLE	PREP CODE	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	Mo ppm
VR05001A 000-005	299 229	0.2	0.77	22	290	< 0.5	< 2	0.17	< 0.5	4	19	19	1.75	10	< 1	0.14	30	0.49	275	1
VR05002A 005-010	299 229	0.4	0.96	28	460	< 0.5	< 2	0.21	< 0.5	7	23	35	2.30	10	< 1	0.16	30	0.55	450	1
VR05003A 010-015	299 229	0.4	0.81	24	580	< 0.5	< 2	0.16	< 0.5	8	18	47	2.17	10	< 1	0.19	20	0.51	380	1
VR05004A 015-020	299 229	0.2	0.84	14	300	< 0.5	< 2	0.26	< 0.5	7	23	36	2.11	10	< 1	0.16	20	0.48	385	1
VR05005A 020-025	299 229	0.4	0.98	18	400	< 0.5	< 2	0.43	< 0.5	7	31	37	2.48	10	< 1	0.15	30	0.59	380	2
VR05006A 025-030	299 229	0.2	0.64	92	260	< 0.5	< 2	0.23	< 0.5	5	19	20	1.80	< 10	< 1	0.19	20	0.38	245	1
VR05007A 030-035	299 229	0.2	0.70	64	250	< 0.5	< 2	0.20	< 0.5	5	20	19	1.96	< 10	< 1	0.21	20	0.39	240	1
VR05008A 035-040	299 229	0.2	0.70	76	140	< 0.5	< 2	0.17	< 0.5	4	19	15	1.87	10	< 1	0.19	30	0.37	295	1
VR05009A 040-045	299 229	0.2	0.59	16	100	< 0.5	< 2	0.13	< 0.5	3	14	10	1.50	10	< 1	0.20	30	0.46	200	1
VR05010A 045-050	299 229	0.2	0.62	22	120	< 0.5	< 2	0.14	< 0.5	3	13	12	1.39	< 10	< 1	0.19	30	0.41	185	1
VR05011A 050-055	299 229	< 0.2	0.94	24	190	< 0.5	< 2	0.21	< 0.5	4	12	4	1.49	10	< 1	0.35	30	0.54	455	1
VR05012A 055-060	299 229	0.2	0.90	24	150	< 0.5	< 2	0.16	< 0.5	4	11	5	1.46	10	< 1	0.29	30	0.53	260	< 1
VR05013A 060-065	299 229	< 0.2	0.73	12	140	< 0.5	< 2	0.13	< 0.5	3	11	7	1.30	10	< 1	0.26	30	0.49	245	< 1
VR05014A 065-070	299 229	0.2	0.99	18	230	< 0.5	< 2	0.17	< 0.5	5	17	7	1.84	10	< 1	0.28	30	0.62	385	1
VR05015A 070-075	299 229	0.2	1.05	16	220	< 0.5	< 2	0.23	< 0.5	6	19	6	1.96	10	< 1	0.46	30	0.84	380	1
VR05016A 075-080	299 229	0.4	1.20	24	180	< 0.5	< 2	0.30	< 0.5	6	18	17	2.30	10	< 1	0.48	30	0.87	410	< 1
VR05017A 080-085	299 229	< 0.2	0.89	2	220	< 0.5	< 2	0.17	< 0.5	5	16	6	1.83	10	< 1	0.39	30	0.62	330	< 1
VR05018A 085-090	299 229	0.2	0.80	16	170	< 0.5	< 2	0.18	< 0.5	5	14	6	1.75	10	< 1	0.25	30	0.59	250	< 1
VR05019A 090-095	299 229	0.2	0.87	24	180	< 0.5	< 2	0.17	< 0.5	4	15	8	1.79	10	< 1	0.29	30	0.46	190	< 1
VR05020A 095-100	299 229	0.2	0.92	26	200	< 0.5	< 2	0.16	< 0.5	4	17	6	1.91	10	< 1	0.31	30	0.58	210	< 1
VR05021A 100-105	299 229	0.2	0.81	14	180	< 0.5	< 2	0.17	< 0.5	5	15	9	1.79	10	< 1	0.32	30	0.57	215	< 1
VR05022A 105-110	299 229	0.2	0.72	40	150	< 0.5	< 2	0.31	< 0.5	4	11	12	1.65	10	< 1	0.27	30	0.51	235	< 1
VR05023A 110-115	299 229	0.2	0.84	10	200	< 0.5	< 2	0.35	< 0.5	5	15	8	1.86	10	< 1	0.42	30	0.61	245	< 1
VR05024A 115-120	299 229	< 0.2	0.75	6	150	< 0.5	< 2	0.58	< 0.5	5	16	6	1.70	10	< 1	0.31	30	0.60	310	< 1
VR05025A 120-125	299 229	0.2	0.78	10	150	< 0.5	< 2	0.67	< 0.5	4	12	6	1.65	10	< 1	0.27	20	0.62	320	< 1
VR05026A 125-130	299 229	0.2	0.81	20	130	< 0.5	< 2	0.42	< 0.5	4	18	7	1.83	10	< 1	0.22	20	0.69	280	< 1
VR05027A 130-135	299 229	0.2	0.88	22	130	< 0.5	< 2	0.28	< 0.5	5	16	7	1.87	10	< 1	0.25	20	0.72	215	< 1
VR05028A 135-140	299 229	0.2	0.80	6	130	< 0.5	< 2	0.36	< 0.5	5	17	7	1.97	10	< 1	0.27	20	0.69	290	1
VR05029A 140-145	299 229	0.2	0.77	12	130	< 0.5	< 2	0.25	< 0.5	5	14	8	1.85	< 10	< 1	0.15	20	0.61	320	1
VR05030A 145-150	299 229	0.2	0.74	14	140	< 0.5	< 2	0.32	< 0.5	5	16	11	1.84	< 10	< 1	0.18	20	0.62	285	1
VR05031A 150-155	299 229	0.2	0.75	16	160	< 0.5	< 2	0.28	< 0.5	5	12	11	1.59	10	< 1	0.24	20	0.59	315	1
VR05032A 155-160	299 229	0.2	0.88	24	240	< 0.5	< 2	0.25	0.5	6	12	13	1.70	10	< 1	0.25	30	0.59	770	2
VR05033A 160-165	299 229	0.4	1.09	22	170	< 0.5	< 2	0.44	< 0.5	6	21	13	2.15	10	< 1	0.22	30	0.87	750	1
VR05034A 165-170	299 229	0.8	2.64	14	90	< 0.5	< 2	1.98	< 0.5	26	33	18	5.22	30	< 1	0.78	20	2.29	785	< 1
VR05035A 170-175	299 229	0.8	2.89	12	130	< 0.5	< 2	2.41	0.5	25	30	18	5.01	30	< 1	0.62	20	2.30	965	< 1
VR05036A 175-180	299 229	0.4	2.02	70	170	0.5	< 2	1.19	< 0.5	15	28	20	3.65	10	< 1	0.31	20	1.57	705	< 1
VR05037A 180-185	299 229	0.4	1.97	26	390	0.5	< 2	0.90	0.5	9	26	20	2.58	10	< 1	0.57	20	1.12	625	1
VR05038A 185-190	299 229	0.4	1.36	20	380	< 0.5	< 2	0.80	0.5	10	30	22	2.91	10	< 1	0.34	20	1.14	675	< 1
VR05039A 190-195	299 229	0.4	1.61	10	280	< 0.5	< 2	0.87	< 0.5	9	27	16	2.65	10	< 1	0.34	20	1.43	580	< 1
VR05040A 195-200	299 229	0.4	1.48	2	360	< 0.5	< 2	0.51	< 0.5	8	16	17	2.09	10	< 1	0.46	20	1.17	400	< 1

CERTIFICATION:

Barth Bickler



Chemex Labs Ltd.

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

3: KENNECOTT CANADA, INC.

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

Project : 05-432 93LS27
Comments: ATTN:ANN DOYLE

er :1-B
Total Pages :2
Certificate Date: 31-MAY-93
Invoice No. :19314549
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314549

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR05001A 000-005	299 229	< 0.01	14	270	32	< 2	1	24	0.02	10	< 10	9	< 10	68
VR05002A 005-010	299 229	0.01	20	370	38	< 2	2	28	0.03	10	< 10	14	< 10	82
VR05003A 010-015	299 229	0.01	18	450	30	< 2	2	24	0.03	10	< 10	10	< 10	78
VR05004A 015-020	299 229	0.01	19	420	26	< 2	2	25	0.03	10	< 10	17	< 10	60
VR05005A 020-025	299 229	0.01	25	480	36	2	2	35	0.03	< 10	< 10	19	< 10	82
VR05006A 025-030	299 229	0.01	15	380	22	< 2	1	20	0.01	< 10	< 10	9	< 10	56
VR05007A 030-035	299 229	0.01	18	370	24	< 2	1	19	0.01	< 10	< 10	9	< 10	56
VR05008A 035-040	299 229	0.01	16	380	22	< 2	1	16	< 0.01	10	< 10	7	< 10	46
VR05009A 040-045	299 229	0.01	11	390	20	< 2	1	17	0.01	10	< 10	6	< 10	34
VR05010A 045-050	299 229	< 0.01	9	400	18	< 2	1	16	< 0.01	10	< 10	4	< 10	42
VR05011A 050-055	299 229	0.01	9	430	20	< 2	1	18	< 0.01	10	< 10	4	< 10	46
VR05012A 055-060	299 229	0.01	8	450	20	< 2	1	17	< 0.01	10	< 10	4	< 10	40
VR05013A 060-065	299 229	0.01	7	370	18	< 2	1	15	0.01	10	< 10	3	< 10	34
VR05014A 065-070	299 229	0.01	10	400	18	< 2	1	17	0.01	10	< 10	8	< 10	60
VR05015A 070-075	299 229	0.01	9	430	20	< 2	2	18	0.04	< 10	< 10	9	< 10	58
VR05016A 075-080	299 229	0.01	11	650	34	< 2	2	23	0.05	< 10	< 10	10	< 10	90
VR05017A 080-085	299 229	0.01	10	440	16	< 2	2	16	0.04	10	< 10	7	< 10	50
VR05018A 085-090	299 229	0.01	11	420	20	< 2	1	17	0.02	10	< 10	7	< 10	46
VR05019A 090-095	299 229	0.01	10	430	18	< 2	1	20	0.02	10	< 10	7	< 10	48
VR05020A 095-100	299 229	0.01	9	420	14	< 2	1	16	0.02	< 10	< 10	8	< 10	48
VR05021A 100-105	299 229	0.02	8	430	10	< 2	1	17	0.03	10	< 10	8	< 10	46
VR05022A 105-110	299 229	0.01	9	440	16	< 2	1	29	0.03	< 10	< 10	6	< 10	40
VR05023A 110-115	299 229	0.01	11	450	12	< 2	2	32	0.06	< 10	< 10	8	< 10	46
VR05024A 115-120	299 229	0.01	9	550	8	< 2	2	51	0.06	< 10	< 10	8	< 10	38
VR05025A 120-125	299 229	0.01	9	460	12	2	2	64	0.04	< 10	< 10	7	< 10	40
VR05026A 125-130	299 229	0.01	10	450	10	< 2	1	33	0.01	< 10	< 10	9	< 10	46
VR05027A 130-135	299 229	0.01	10	420	16	< 2	1	24	0.01	< 10	< 10	9	< 10	52
VR05028A 135-140	299 229	0.01	13	430	12	< 2	1	30	0.02	< 10	< 10	7	< 10	50
VR05029A 140-145	299 229	< 0.01	11	420	24	< 2	1	19	< 0.01	< 10	< 10	6	< 10	46
VR05030A 145-150	299 229	0.01	11	400	18	< 2	1	20	0.01	< 10	< 10	6	< 10	46
VR05031A 150-155	299 229	0.01	10	410	20	< 2	1	20	0.01	< 10	< 10	6	< 10	48
VR05032A 155-160	299 229	0.01	10	430	18	< 2	1	23	0.01	< 10	< 10	7	< 10	64
VR05033A 160-165	299 229	0.01	13	450	24	< 2	2	27	< 0.01	< 10	< 10	11	< 10	74
VR05034A 165-170	299 229	0.17	28	1130	6	2	7	85	0.38	< 10	< 10	103	< 10	86
VR05035A 170-175	299 229	0.19	24	1030	4	2	8	108	0.37	< 10	< 10	100	< 10	86
VR05036A 175-180	299 229	0.02	18	740	18	< 2	6	50	0.02	< 10	< 10	41	< 10	90
VR05037A 180-185	299 229	0.01	12	530	40	< 2	3	36	< 0.01	< 10	< 10	18	< 10	92
VR05038A 185-190	299 229	0.01	13	610	12	< 2	3	76	0.01	< 10	< 10	18	< 10	88
VR05039A 190-195	299 229	0.01	12	580	22	< 2	3	68	0.01	< 10	< 10	21	< 10	84
VR05040A 195-200	299 229	0.01	8	480	18	< 2	2	41	0.01	< 10	< 10	13	< 10	62

CERTIFICATION:

Hart Bickler



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

Project: 05-432 93LS27
Comments: ATTN:ANN DOYLE

Page: 2-A
Certificate Date: 31-MAY-93
Invoice No.: 19314549
P.O. Number: 05-432
Account: KAVA

CERTIFICATE OF ANALYSIS

A9314549

SAMPLE	PREP CODE	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	Mo ppm
VR05041A 200-205	299 229	0.4	1.54	20	230	< 0.5	< 2	0.67	< 0.5	8	23	14	2.46	10	< 1	0.33	20	1.29	505	< 1
VR05042A 205-210	299 229	0.2	1.41	20	190	< 0.5	< 2	0.52	< 0.5	7	17	11	2.34	10	< 1	0.28	20	1.29	500	< 1
VR05043A 210-215	299 229	0.2	0.92	8	260	< 0.5	< 2	0.40	< 0.5	4	9	14	1.54	< 10	< 1	0.34	20	0.79	315	< 1
VR05044A 215-220	299 229	< 0.2	0.98	6	170	< 0.5	< 2	0.35	< 0.5	4	10	10	1.71	< 10	< 1	0.26	20	0.84	310	1
VR05045A 220-225	299 229	0.2	1.09	6	160	< 0.5	< 2	0.46	2.5	6	12	7	1.89	10	< 1	0.22	20	0.96	490	< 1
VR05046A 225-230	299 229	0.8	1.30	8	140	< 0.5	< 2	0.39	9.5	9	18	14	2.21	10	< 1	0.19	20	1.16	620	1
VR05047A 230-235	299 229	0.2	1.23	2	180	< 0.5	< 2	0.34	0.5	6	15	7	1.85	10	< 1	0.26	20	1.01	435	< 1
VR05048A 235-240	299 229	0.2	1.46	6	290	< 0.5	< 2	0.24	0.5	6	17	4	1.82	10	< 1	0.35	20	1.07	475	< 1
VR05049A 240-245	299 229	0.2	1.24	2	240	< 0.5	< 2	0.45	1.0	6	10	6	1.57	10	< 1	0.33	20	1.02	450	1

CERTIFICATION:

Paul Bickler



Chemex Labs Ltd.

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o: KENNECOTT CANADA, INC.

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

Project : 05-432 93LS27
Comments: ATTN:ANN DOYLE

er :2-B
Pages :2
Certificate Date: 31-MAY-93
Invoice No. :19314549
P.O. Number :05-432
Account :KAVA

CERTIFICATE OF ANALYSIS

A9314549

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR05041A 200-205	299 229	0.01	10	560	28	< 2	2	35	< 0.01	< 10	< 10	16	< 10	80
VR05042A 205-210	299 229	0.01	9	500	26	< 2	2	28	< 0.01	< 10	< 10	11	< 10	82
VR05043A 210-215	299 229	0.01	5	370	16	< 2	1	36	0.01	< 10	< 10	4	< 10	48
VR05044A 215-220	299 229	0.01	7	360	16	< 2	1	26	0.01	< 10	< 10	5	< 10	52
VR05045A 220-225	299 229	0.01	7	380	208	< 2	1	29	0.01	< 10	< 10	7	< 10	418
VR05046A 225-230	299 229	0.01	8	450	668	< 2	1	23	< 0.01	< 10	< 10	11	< 10	1490
VR05047A 230-235	299 229	0.01	7	410	54	< 2	1	21	< 0.01	< 10	< 10	9	< 10	152
VR05048A 235-240	299 229	0.01	6	410	126	< 2	2	17	< 0.01	< 10	< 10	10	< 10	124
VR05049A 240-245	299 229	0.01	4	400	106	< 2	1	25	< 0.01	10	< 10	5	< 10	228

CERTIFICATION:

Hart Bickler